101-10-1
July 1976
Reference

FM 101-10-1

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HEADQUARTERS
DEPARTMENT OF THE ARMY
Washington, DC, 10 February 1978

STAFF OFFICERS' FIELD MANUAL

ORGANIZATIONAL, TECHNICAL, AND LOGISTIC DATA (UNCLASSIFIED DATA)

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2. Using an ink pen, make the following changes:

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Renumber pages 3—83 and 3—84 to 3—73 and 3—74

3. The word "he" as used in this publication is intended to include both the masculine and the feminine genders.

4. These transmittal sheets should be filed in front of the manual for reference purposes.

C1, FM 101-10-1

10 FEBRUARY 1978

By Order of the Secretary of the Army:

BERNARD W. ROGERS
General, United States Army
Chief of Staff

Official:

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C1, FM 101–10–1*

FIELD MANUAL
No 101–10–1

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., *1 July 1976*

STAFF OFFICERS' FIELD MANUAL

ORGANIZATIONAL, TECHNICAL, AND LOGISTIC DATA (UNCLASSIFIED DATA)

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FOREWORD

FM 101—10—1 provides planning data for staff officers at all echelons; however, the primary thrust in developing planning data has been to fulfill the needs of planners at division level. Data pertaining to TOE's are limited to divisional, separate brigade, and armored cavalry regiment. FM 101—10—2 contains data pertaining to nondivisional TOE's.

There is a change in format and content in this edition of FM 101—10—1. Revision efforts have been directed toward removing unnecessary detail and information readily available in other manuals, updating organizational data, and obtaining up-to-date and currently required planning factors. Several changes to the manual are incorporated in change 1. Changes in Chapter 2 include the addition of combat intelligence companies and new TOE's for the adjutant general and finance companies in all divisions; the addition of division materiel management centers in the AIM divisions; new TOE's for the combat aviation battalion of the infantry division; the replacement of the attack helicopter company by an attack helicopter battalion and the replacement of the ordnance missile support detachment by a missile support company in the air assault division; the consolidation of the headquarters and main support company of the maintenance battalion and the addition of three antiarmor companies in the airborne division; and the addition of a target acquisition battery in the AIM and airborne division (cut off date for organizational data is November 1976). An operational force requirement planning section has also been added to chapter 2, and patient admission rates by combat theater have been added to chapter 5. The new chapter 7 contains situationally dependent combat planning factors including vehicle and tank loss rates, ammunition expenditure rates and transportation planning factors.

The previous edition of FM 101—10—1 has been criticized for the historical nature of the data it presents; i.e., much of the data are based on World War II and the Korean war experience. Where possible, data applicable to current organizations and equipment, drawn from these experiences, have been validated through comparison with more recent experiences and computer gaming/simulation. The historical data, when used for its intended purpose, must be tempered by judgment and experience, to be considered valid.

During the FM 101—10—1 revision effort, it was discovered that confusion exists in the meaning of a "day of supply," where it is defined, and where and how it is to be used. The planner should keep in mind that the average "day of supply" for any class, subclass, or item of supply can vary a great deal depending on for example, the size and makeup of the force being planned for, and its location. For a large force (in excess of 150,000 men) the proper source, for planning purposes, for class V (ammunition) requirements might be Supply Bulletin 38-26, *Theater Ammunition Rates*, for a divisional force the source could be a number of rounds per weapon per day drawn from table 7—3 (Ammunition per type unit per weapon per day expressed in rounds and STONS). The planner should also recognize that regardless of the data source it must be tempered by experience and judgment.

Commanders and planners must recognize that materiel availability in war is limited. Commanders and planners must calculate requirements based on assumptions of disciplined control of expenditures and enforced standards of conservation in the execution phase. Austerity requires skill, judgment, controls, and command supervision to guard against unnecessary expenditures and the accumulation of nonessential stocks. These concepts are significant, difficult to articulate, and hard to get into practice, but, austerity and success in battle are mutually supporting. Materiel saved becomes available for use when really needed. Skilled and disciplined planning and execution are essential to mission accomplishment.

CHAPTER 1
INTRODUCTION

1–1. Purpose and Scope

a. Purpose. This manual, for use as a planning guide only, provides general planning data for staff officers of all echelons. Detailed reference data are found in tables of organization and equipment (TOE), field manuals, technical manuals, technical bulletins, and supply bulletins as outlined in the DA Pamphlet 310 series. The principles and procedures of combat service support are in FM 100—10; the duties of the staff officers and the principles and procedures of staff action are in FM 101—5.

b. Scope. Source data cutoff date for organizational data contained in this manual is November 1976. Tables, organization charts, and examples are not, in all cases, based on latest DA published TOE; therefore, computations must be adjusted accordingly. The TOE series used in making the calculations is indicated to permit the user to make adjustments, when needed, through comparison of TOE.

NOTE: Technical and logistic data in this manual are based on the latest Army equipment listed in SB 700—20 and on current aircraft and vessels available to the US Air Force and US Navy. In some instances, the data are the same as that contained in previous editions of this manual and reflect data based on experience in World War II, the Korean war, and Vietnam. This data has been validated to the greatest extent possible using subsequent experience such as data available from the 1973 Mideast War and gaming and simulation models such as the Combined Arms Center's Division Wargame (DIVWAG) and the Scenario Oriented Recurring Evaluation System (SCORES). It represents the best unclassified planning data available at this time.

1–2. Standardization Agreements

This manual is in consonance with the following international standardization agreements which are identified by type of agreement and number at the beginning of each appropriate chapter in this manual:

Title	*NATO STANAG*	*CENTO STANAG*	*SEATO SEASTAG*
Ammunition Supply Procedure	2034 (2d ed)	....	2034
Route Network-Definitions and Characteristics	2151 (2d ed)	2151	2151
Standard Scales of Maps Affecting Land Operations	2206 (2d ed)	2206 (2d ed)	2206

1–3. Definitions and Abbreviations

Definitions and abbreviations used in this manual are in consonance with those contained in JCS Pub 1, AR 310—25, AR 310—50, the Government Printing Office Style Manual, and Webster's Third New International Dictionary (Unabridged).

1–4. Proponent

Inquiries concerning data sources should be directed to the commands/agencies reflected in appendix C. These organizations are authorized to communicate with staff planners concerning the data.

1–5. Recommended Changes

Users of this manual should submit recommended changes and comments to improve the manual. Comments should be keyed to the specific page, paragraph, and line of the text in which the change is recommended. Reasons should be provided for each comment to insure understanding and complete evaluation. Comments should be prepared using DA Form 2028 (Recommended Changes to Publications) and forwarded direct to the Commander, U.S. Army Combined Arms Center: ATZLTDA-TL, Fort Leavenworth, Kansas 66027.

CHAPTER 2

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7—38H	Cbt Spt Co	2—80	2—202	2—20
7—107H	Antiarmor Co, Abn Div	2—80.1	2—180	2—15
67H	*Type of air assault division*	2—80.2	2—206	2—21
67—4H	Div HHC	2—80.2	2—206	2—21
67—47H	Bde HHC	2—81	2—206	2—21
6—700H	Div Arty	2—82	2—213	2—22
6—701H	HHB, Div Arty	2—82	2—213	2—22
6—702H	Avn Btry, Div Arty	2—82	2—213	2—22

TOE		Extract Page	Table Page	Table
6—705H	FA Bn, 105-mm, Towed, Div Arty	2—83	2—213	2—22
6—706H	HQ, H&S Btry	2—83	2—213	2—22
6—707H	FA Btry, 105-mm, Towed	2—83	2—213	2—22
6—715H	FA Bn, 155-mm, Towed, Div Arty	2—84	2—217	2—23
6—716H	HHB	2—84	2—217	2—23
6—717H	FA Btry, 155-mm, Towed	2—85	2—217	2—23
6—719H	Svc Btry	2—85	2—217	2—23
30—19H	Cbt Intel Co	2—18.1	2—206	2—21
44—435H	ADA Bn, Vulcan, Towed	2—85	2—217	2—23
44—436H	HHB	2—86	2—217	2—23
44—437H	ADA Btry, Vulcan, Towed	2—86	2—217	2—23
7—200H	Avn Gp	2—87	2—220	2—24
7—201H	HHC	2—88	2—220	2—24
7—202H	Avn GS Co	2—88	2—220	2—24
7—255H	Aslt Hel Bn, Avn Gp	2—89	2—220	2—24
7—256H	HHC	2—89	2—220	2—24
7—258H	Aslt Hel Co	2—89	2—220	2—24
1—165H	Aslt Spt Hel Bn, Avn Gp	2—90	2—220	2—24
1—166H	HHC	2—90	2—220	2—24
1—167H	Aslt Spt Hel Co	2—90	2—220	2—24
17—385H	Atk Hel Bn, Avn Gp	2—91	2—220	2—24
17—386H	HHC	2—91	2—220	2—24
17—387H	Atk Hel Co	2—92	2—220	2—24
5—215H	Engr Bn	2—93	2—224	2—25
5—216H	HHC	2—94	2—224	2—25
5—217H	Engr Co	2—94	2—224	2—25
11—205H	Sig Bn	2—95	2—224	2—25
11—206H	HHC	2—96	2—224	2—25
11—207H	Comd Comm Co	2—97	2—224	2—25
11—208H	Fwd Comm Co	2—97	2—224	2—25
19—87H	MP Co	2—98	2—206	2—21
29—41H	DISCOM	2—99	2—227	2—26
29—42H	HHC, DISCOM	2—99	2—227	2—26
12—17H	AG Co, DISCOM	2—100	2—227	2—26
14—37H	Fin Co, DISCOM	2—101	2—227	2—26
29—43H	Div Mat Mgt Cen, DISCOM	2—101	2—227	2—26
8—25H	Med Bn, DISCOM	2—102	2—227	2—26
8—26H	HQ & Spt Co	2—102	2—227	2—26
8—27H	Med Co	2—103	2—227	2—26
29—95H	S&S Bn, DISCOM	2—103	2—231	2—27
29—96H	HHD	2—104	2—231	2—27
29—97H	Main S&S Co	2—104	2—231	2—27
29—98H	Fwd S&S Det	2—105	2—231	2—27

TOE		*Extract Page*	*Table Page*	*Table*
10—94H	Airdrop Equip & Spt Co	2—105	2—231	2—27
29—85H	Maint Bn, DISCOM	2—106	2—231	2—27
29—86H	HQ & Main Spt Co	2—106	2—231	2—27
29—87H	Fwd Spt Co	2—107	2—231	2—27
29—88H	Msl Spt Co	2—107	2—231	2—27
55—405H	Trans Acft Maint Bn, DISCOM	2—108	2—231	2—27
55—406H	HHD	2—108	2—231	2—27
55—407H	Trans Acft Maint Co	2—108.1	2—231	2—27
17—95H	Air Cav Sqdn	2—109	2—234	2—28
17—96H	HHT	2—109	2—234	2—28
17—98H	Air Cav Trp	2—110	2—234	2—28
17—99H	Cav Trp	2—110	2—234	2—28
7—55H	Inf Bn	2—111	2—234	2—28
7—56H	HHC	2—111	2—234	2—28
7—57H	Rifle Co	2—112	2—234	2—28
7—58H	Cbt Spt Co	2—112	2—234	2—28
17—100H	Separate armored brigade	2—113	2—238	2—29
37—100H	Separate mechanized brigade	2—114	2—244	2—30
7—100H	Separate infantry brigade	2—114	2—250	2—31
77—100H	Separate light infantry brigade	2—115	2—257	2—32
57—100H	Separate airborne brigade	2—115	2—262	2—33
17—200H	Air cavalry combat brigade	2—116	2—267	2—34
17—51H	Armored Cavalry Regiment Equipped with ARAAV	2—116	2—273	2—35
17—52H	HHT	2—117	2—273	2—35
17—58H	Air Cav Trp	2—118	2—273	2—35
17—55H	Armd Cav Sqdn	2—118	2—273	2—35
17—51H	Armored Cavalry Regiment Equipped with Main Battle Tank	2—116	2—276	2—36
17—52H	HHT	2—117	2—276	2—36
17—58H	Air Cav Trp	2—118	2—276	2—36
17—55H	Armd Cav Sqdn	2—118	2—276	2—36

Section I. GENERAL

2–1. General

This section presents data on the organization and equipment of the Army divisions and their subordinate elements. Organization charts and tables of selected items of equipment are included for the armored, infantry, mechanized, airborne, and air assault divisions and their subordinate elements. These data are not intended to provide complete or exhaustive coverage of the types of divisions and their equipment, but are for use in general planning by staff officers of all echelons. The number in parentheses following the TOE number refers to the change number reflected in the statement's body.

Section II. DIVISIONS

2–2. Types of Armored, Infantry, and Mechanized Divisions

Figure 2—1 provides specific organizational structures for types of armored, infantry, and mechanized divisions. Each type of division has a division base and specific numbers of maneuver battalions. Figure 2—1 provides the organizational structure for elements of these three types of divisions. Tables 2—1 through 2—14 contain summaries of selected items of equipment by class of supply for the three divisions and their subordinate units.

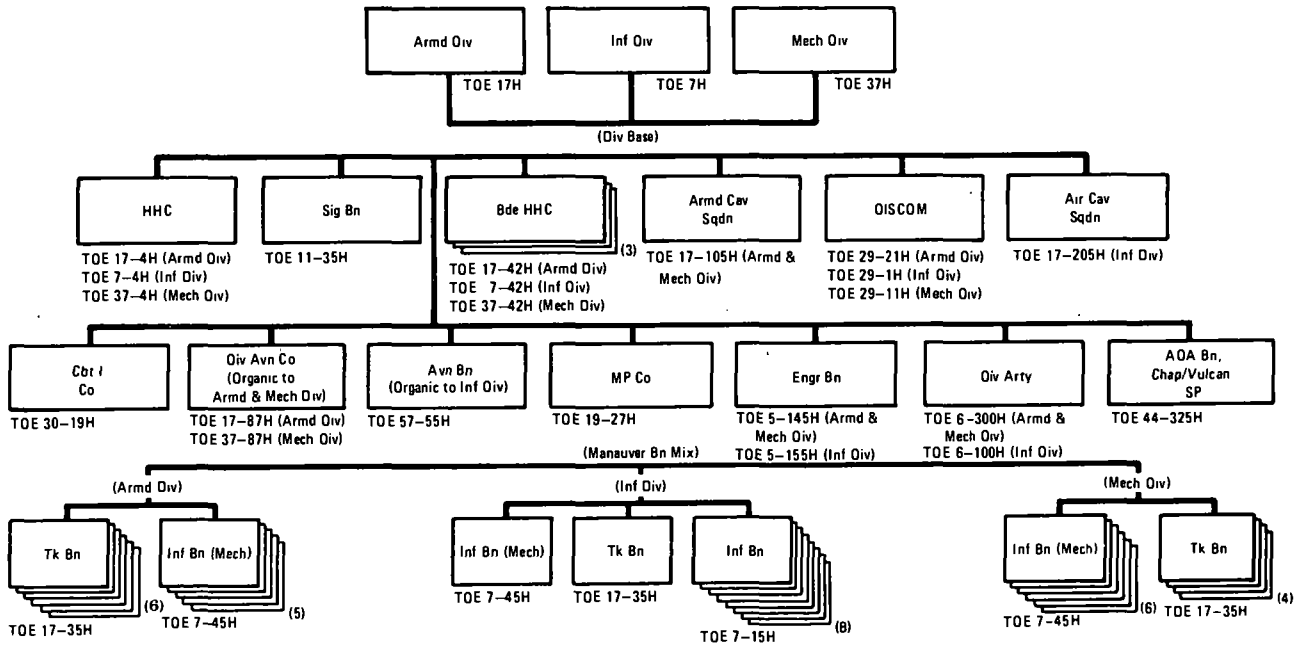


Figure 2—1. Types of armored, infantry, and mechanized divisions.

TOE 17H Armd Div (1)

Mission. To destroy enemy armed forces and to control land areas, including populations and resources.

Capabilities. a. This unit has the following capabilities:

(1) Conducts sustained combat operations against any type of opposing ground forces.

(2) Accomplishes rapid movement, deep penetration, and pursuit over great distances.

(3) Exploits successes, including effects of nuclear and nonnuclear fires.

(4) Conducts covering force operations.

(5) Provides restricted and nonrestricted defense.

(6) Provides counterattack and maneuvering force.

(7) Operates as part of a joint task force in amphibious operations.

(8) Provides protection against antitank, artillery, and nuclear fires.

(9) Provides control and administration for up to 15 maneuver battalions.

(10) Provides organic air defense against low-altitude hostile aircraft.

b. This unit has the following limitations:

(1) Heavy equipment cannot be lifted by Army aircraft.

(2) Mobility is restricted by jungle; dense forest; steep, rugged terrain; and water obstacles.

(3) Requires heavy logistic support, to include rail or highway transport of tracked vehicles for long administrative moves.

Mobility. Mobility of units organic to this division is included in appropriate component TOE extracts.

Strength.

a.	Level 1:	Off 637	WO 150	EM 7,936	Aggr 8,723
b.	Level 2:	Off 597	WO 141	EM 7,358	Aggr 8,096
c.	Level 3:	Off 562	WO 135	EM 6,662	Aggr 7,359

Summary of equipment. See table 2–1.

NOTE: Strength figures do not include maneuver battalions.

TOE 7H Inf Div (3)

Mission. To destroy enemy armed forces and to control land areas, including population and resources.

Capabilities. a. This unit has the following capabilities:

(1) Conducts sustained combat operations against comparably equipped ground forces in difficult weather or terrain.

(2) Conducts airmobile operations, when provided necessary Army airlift.

(3) Operates as part of a joint task force in amphibious operations.

(4) Conducts air-landed operations as part of a joint task force.

(5) Controls enemy population.

(6) Restores order.

(7) Provides logistic support to assigned and attached units.

(8) Provides control and administration for up to 15 maneuver battalions.

(9) Provides organic air defense against low-altitude hostile aircraft.

b. This unit has the following limitations:

(1) Limited airlift capability.

(2) Limited ground vehicular mobility.

(3) Limited protection against armor.

(4) Limited protection against conventional and nuclear fires.

Mobility. Mobility of units organic to this division is included in appropriate component TOE extracts.

Strength.

a.	Level 1:	Off 682	WO 285	EM 7,641	Aggr 8,608
b.	Level 2:	Off 649	WO 267	EM 7,065	Aggr 7,981
c.	Level 3:	Off 607	WO 248	EM 6,253	Aggr 7,108

Summary of equipment. See table 2–2.

NOTE: Strength figures do not include maneuver battalions.

TOE 37H Mech Div (2)

Mission. To destroy enemy armed forces and

to control land areas, including populations and resources.

Capabilities. a. This unit has the following capabilities:

(1) Provides decisive, highly mobile warfare against similarly or less well-equipped ground forces.

(2) Provides rapid ground movement, deep penetration, and pursuit over great distances.

(3) Exploits successes, including effects of nuclear and nonnuclear fires.

(4) Conducts covering force operations.

(5) Provides restricted and nonrestricted defense.

(6) Conducts amphibious operations as part of a joint task force.

(7) Provides control and administration for up to 15 maneuver battalions.

(8) Provides air defense against low-altitude hostile aircraft.

(9) Can conduct airmobile operations, when supported by nonorganic aircraft.

b. This unit has the following limitations:

(1) When employed in airmobile operations, committed elements lose much of their shock effect and ground mobility.

(2) Mobility is restricted by jungle; dense forest; steep, rugged terrain; and water obstacles.

(3) Requires heavy and extensive logistic support to maintain its mobility and striking power.

Mobility. Mobility of units organic to this division is included in appropriate component TOE extracts.

Strength.

a. Level 1:	Off 637	WO 150	EM 7,898	Aggr 8,685
b. Level 2:	Off 600	WO 141	EM 7,323	Aggr 8,064
c. Level 3:	Off 568	WO 135	EM 6,637	Aggr 7,340

Summary of equipment. See table 2–3.

NOTE: Strength figures do not include maneuver battalions.

TOE 17–4H Div HHC, Armd Div (11)

TOE 7–4H Div HHC, Inf Div (10)

TOE 37–4H Div HHC, Mech Div (10)

Mission. a. HQ. To command, control, and supervise operations of the division and attached units.

b. HQ Company. To provide personnel and administrative support for the HQ.

Assignment. a. Organic to armored division, TOE 17H.

b. Organic to infantry division, TOE 7H.

c. Organic to mechanized division, TOE 37H.

Capabilities. a. HQ. Provides command, staff planning, control, and supervision of administration and operations of the division and attached units; operates a main CP; and establishes an alternate CP, when required.

b. HQ company. Provides administration, supply, organizational maintenance, mess, and unit-level medical service support for division HHC. Provides mess for the military police company.

Mobility. One hundred percent mobile in organic vehicles.

Strength.

17–4H

a. Level 1:	Off 68	WO 2	EM 121	Aggr 191
b. Level 2:	Off 66	WO 2	EM 110	Aggr 178
c. Level 3:	Off 59	WO 2	EM 101	Aggr 162

7–4H

a. Level 1: Off 65 WO 2 EM 117 Aggr 184
b. Level 2: Off 63 WO 2 EM 108 Aggr 173
c. Level 3: Off 55 WO 2 EM 97 Aggr 154

37–4H

a. Level 1: Off 68 WO 2 EM 118 Aggr 188
b. Level 2: Off 66 WO 2 EM 108 Aggr 176
c. Level 3: Off 59 WO 2 EM 97 Aggr 158

Summary of equipment. See table 2–1, 2–2, and 2–3.

TOE 17–42H Bde HHC, Armd Div (12)

TOE 7–42H Bde HHC, Inf Div (11)

TOE 37–42H Bde HHC, Mech Div (11)

Mission. a. HQ. To command, control, and supervise tactical operations of the brigade and attached units.

b. HQ company. To provide personnel and administrative support for the HQ.

Assignment. a. Organic to armored division, TOE 17H.

b. Organic to infantry division, TOE 7H.

c. Organic to mechanized division, TOE 37H.

Capabilities. a. Commands attached elements of the division's combat and combat support elements in offensive and defensive combat operations.

b. Accepts or releases attached elements on short notice.

c. Conducts brigade operations on a sustained 24-hour-a-day basis.

d. Supervises the movement and security of attached or supporting administrative elements.

e. Establishes liaison with higher and adjacent HQ.

f. Supervises tactical training of attached divisional elements.

g. Acts as emergency successor operational HQ for the division in event of destruction of division HQ.

h. Can control up to five maneuver battalions.

i. Depends on division artillery for nuclear fires delivered by indirect fire weapon systems.

j. Furnishes chaplain support for the attached maneuver battalions.

Mobility. a. HHC, armored or mechanized brigade: One hundred percent mobile in organic vehicles.

b. HHC, infantry brigade: Seventy-two percent mobile in organic vehicles and aircraft.

Strength.

17–42H

a. Level 1: Off 22 WO 4 EM 85 Aggr 111
b. Level 2: Off 18 WO 3 EM 76 Aggr 97
c. Level 3: Off 15 WO 3 EM 71 Aggr 89

7–42H

a. Level 1: Off 22 WO 8 EM 84 Aggr 114
b. Level 2: Off 19 WO 8 EM 74 Aggr 101
c. Level 3: Off 16 WO 7 EM 67 Aggr 90

37–42H

a. Level 1: Off 23 WO 4 EM 90 Aggr 117
b. Level 2: Off 20 WO 3 EM 80 Aggr 103
c. Level 3: Off 18 WO 3 EM 76 Aggr 97

Summary of equipment. See tables 2–1, 2–2, and 2–3.

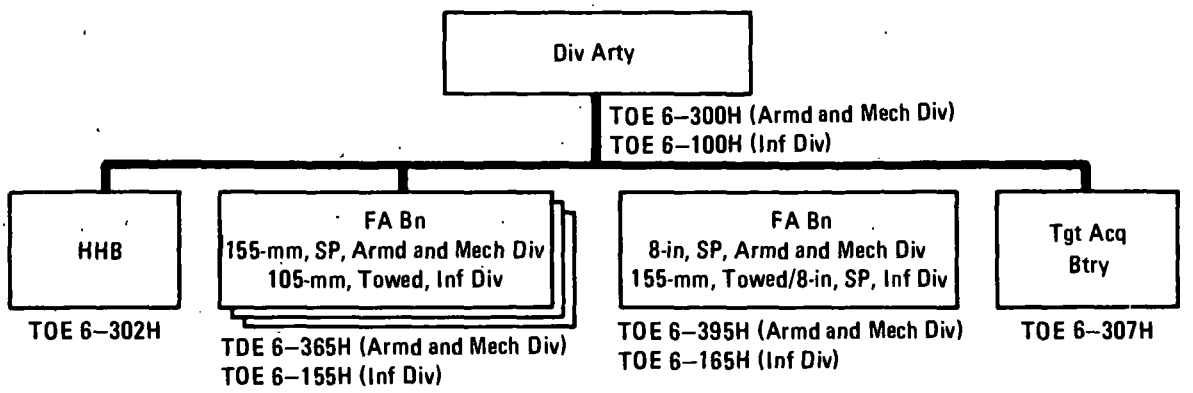


Figure 2–2. Armored, infantry, and mechanized division artillery.

TOE 6–300H Div Arty (Armd and Mech Div) (1)

TOE 6–100H Div Arty (Inf Div) (1)

Mission. To provide field artillery fire support for an armored, infantry, or mechanized division.

Assignment. a. Organic to armored division, TOE 17H.

b. Organic to infantry division, TOE 7H.

c. Organic to mechanized division, TOE 37H.

Capabilities. a. Delivers special and conventional ammunition fires of appropriate type, caliber, and density under all conditions of weather, visibility, and terrain.

b. Provides the fire support element (FSE) of the division's tactical operations center (TOC).

c. Commands and controls organic and attached field artillery units.

d. Provides fire support officer (FSO) and/or forward observer (FO) support to three maneuver brigades and their attached maneuver battalions.

Mobility. Eighty percent mobile in organic vehicles.

Strength.

6–300H

a.	Level 1:	Off 173	WO 28	EM 2,177	Aggr 2,376
b.	Level 2:	Off 162	WO 28	EM 2,033	Aggr 2,223
c.	Level 3:	Off 161	WO 28	EM 1,922	Aggr 2,111

6–100H

a.	Level 1:	Off 174	WO 28	EM 2,099	Aggr 2,301
b.	Level 2:	Off 165	WO 28	EM 1,945	Aggr 2,138
c.	Level 3:	Off 158	WO 28	EM 1,722	Aggr 1,908

Summary of equipment. See table 2–4.

TOE 6–302H HHB, Armd, Inf, and Mech Div Arty (10)

Mission. To direct and coordinate operations of division artillery and attached units and to provide facilities for control of these units.

Assignment. a. Organic to division artillery, armored, or mechanized division, TOE 6–300H.

b. Organic to division artillery, armored or infantry division, TOE 6–100H.

Capabilities. a. Plans, supervises, coordinates, and controls units organic to division artillery and attached units.

b. Provides its component of the field artillery weapon systems, to include its required means for target acquisition, fire control and coordination, communications, survey, ballistic meteorology, transportation, and logistics.

c. Provides unit-level medical support, including medical care and intraunit evacuation, to division artillery HHB and attached units.

d. Provides a liaison section, as required.

e. Provides FSE of division TOC.

f. Provides organizational level maintenance on organic equipment.

Mobility. Eighty percent mobile in organic vehicles.

Strength.

a. Level 1: Off 35 WO 17 EM 187 Aggr 239
b. Level 2: Off 31 WO 17 EM 173 Aggr 221
c. Level 3: Off 30 WO 17 EM 150 Aggr 197

Summary of equipment. See table 2–4.

TOE 6–307H Tgt Acq Btry, Armd, Mech, Inf, and Abn Div Arty

Mission. a. To provide target acquisition support by locating and identifying missile targets within the division zone of responsibility.

b. In the case of the Airborne Division, to provide survey control throughout the division zone.

Assignment. Organic to:

a. Airborne Division Artillery, TOE 6–200, or

b. Armored Division Artillery or Infantry Division (Mechanized) Artillery, TOE 6–300, or

c. Infantry Division Artillery, TOE 6–100.

Capabilities. a. At level 1, this unit:

(1) Provides general target acquisition support by means of sound ranging, flash ranging, ground observation, moving target locating radar, artillery locating radar, and mortar locating radar.

(2) Registers and adjusts friendly weapons by ground observation, sound, and radar techniques.

(3) Provides a target processing section to operate the targeting element of the division artillery tactical operations center (TOC).

(4) Provides survey control for battery installations and divisional and nondivisional field artillery units in the division area requiring such support.

b. This unit is not adaptable to a type B organization.

c. Augmentation increases the units capabilities to the extent provided by the augmentation personnel and equipment.

d. Individuals of this unit can engage in effective, coordinated defense of the unit's area or installation.

e. This unit performs organizational maintenance on organic equipment except for automotive equipment, special electrical devices and topographic instruments.

f. This unit is dependent upon:

(1) Headquarters and headquarters battery, division artillery for medical services, religious services, logistic support, mess and organizational maintenance on automotive equipment.

(2) Appropriate division units for personnel administrative support and finance services.

Basis of Allocation. a. One per Airborne Division Artillery, TOE 6–200.

b. One per Armored Division Artillery or Infantry Division (Mechanized) Artillery, TOE 6–300.

c. One per Infantry Division Artillery, TOE 6–100.

Category. I.

Mobility. a. SRC 06307H600. (Armed, Mech, Inf Division Arty)

(1) This unit is authorized 156 personnel and approximately 41,000 pounds (2,500 cubic feet) of equipment requiring transportation. Non-TOE equipment and supplies constitute approximately 16,500 pounds (550 cubic feet).

(2) On a move to a new location using one lift by organic assets, the unit can move approximately 156 personnel and 113,300 pounds (10,200 cubic feet) of equipment and supplies.

Strength.

a. Level 1: Off 6 WO 6 EM 144 Aggr 156
b. Level 2: Off 6 WO 6 EM 129 Aggr 141
c. Level 3: Off 6 WO 5 EM 112 Aggr 123

b. SRC 06307H620. (Airborne Division Arty)

(1) This unit is authorized 141 personnel and approximately 31,200 pounds (1,950 cubic feet) of equipment requiring transportation. Non-TOE equipment and supplies constitute approximately 15,000 pounds (500 cubic feet).

(2) On a move to a new location using one lift by organic assets, the unit can move approximately 141 personnel and 63,500 pounds (6,100 cubic feet) of equipment and supplies.

Strength.

a. Level 1: Off 5 WO 6 EM 127 Aggr 138
b. Level 2: Off 5 WO 6 EM 115 Aggr 126
c. Level 3: Off 5 WO 5 EM 98 Aggr 108

Summary of equipment. See Table 2–4.

TOE 6–155H FA Bn, 105-mm, Towed, Inf Div Arty (No change)

Mission. To provide field artillery fires in direct support of a maneuver brigade (tank or infantry) and to reinforce the fires of other field artillery units.

Assignment. Organic to division artillery, infantry division, TOE 6–100H.

Capabilities. a. Provides continuous and timely field artillery fires in support of the supported unit.

b. Provides its component of division artillery communication, air defense, survey, and target acquisition systems.

c. Provides limited unit medical support for organic units, to include medical care and intrabattalion evacuation.

d. Procures and distributes all classes of supplies to organic units, maintains appropriate supply and materiel records, and transports its prescribed basic load of ammunition.

e. Provides FSO and FO support to one maneuver brigade with up to three maneuver battalions.

Mobility. Seventy percent mobile in organic vehicles.

Strength.

a. Level 1: Off 37 WO 3 EM 443 Aggr 483
b. Level 2: Off 36 WO 3 EM 413 Aggr 452
c. Level 3: Off 34 WO 3 EM 365 Aggr 402

Summary of equipment. See table 2–5.

TOE 6–156H HHB, FA Bn, 105-mm, Towed, Inf Div Arty (12)

Mission. To direct and coordinate operations of the battalion and to provide facilities with which the battalion commander controls the battalion.

Assignment. Organic to field artillery battalion, 105-mm towed, infantry division, TOE 6–155H.

Capabilities. a. Plans, supervises, coordinates, and controls operations of organic units of the battalion.

b. Provides survey control for the battalion.

c. Provides unit-level medical support, to include medical care and intrabattalion evacuation, establishes an aid station, furnishes aidmen

to organic units of the battalion, and supervises field sanitation within the battalion.

d. Provides liaison sections to support one maneuver brigade with three maneuver battalions (tank or infantry).

e. Provides air defense against low-altitude hostile aircraft.

f. Provides its portion of the battalion communication and target acquisition systems.

g. Performs organizational-level maintenance on organic equipment, except for battalion-level maintenance on automotive equipment.

h. Performs organizational-level maintenance on field communications equipment organic to the battalion.

Mobility. Fifty-nine percent mobile in organic vehicles.

Strength.

a. Level 1: Off 17 WO 2 EM 116 Aggr 135
b. Level 2: Off 16 WO 2 EM 104 Aggr 122
c. Level 3: Off 14 WO 2 EM 96 Aggr 112

Summary of equipment. See table 2–5.

TOE 6–157H FA Btry, 105-mm, Towed, FA Bn, 105-mm, Towed, Inf Div Arty (11)

Mission. To provide a firing component of the field artillery battalion, 105-mm, towed.

Assignment. Organic to field artillery battalion, 105-mm, towed, infantry division, TOE 6–155H, and to field artillery battalion, 105-mm, towed, separate infantry brigade, TOE 6–185H.

Capabilities. a. Delivers 105-mm fires of appropriate type and density at time and and place required.

b. Furnishes its portion of the battalion communication, survey, and target acquisition systems.

c. Transports its portion of the battalion basic load of ammunition.

d. Performs organizational-level maintenance on organic equipment, except field radio equipment, and battalion-level maintenance on automotive equipment.

Mobility. Sixty-six percent mobile in organic vehicles.

Strength.

a. Level 1: Off 6 WO 0 EM 92 Aggr 98
b. Level 2: Off 6 WO 0 EM 86 Aggr 92
c. Level 3: Off 6 WO 0 EM 74 Aggr 80

Summary of equipment. See table 2–5.

TOE 6–159H, Svc Btry, FA Bn, 105-mm, Towed, Inf Div Arty (12)

Mission. To procure and distribute all classes of supplies to units of the battalion, to maintain appropriate supply records, and to perform organizational-level maintenance functions not otherwise accomplished within the battalion.

Assignment. Organic to field artillery battalion, 105-mm, towed, infantry division, TOE 6–155H and to field artillery battalion, 105-mm, towed, separate infantry brigade, TOE 6–185H.

Capabilities. a. Procures and distributes all classes of supplies to units of the battalion.

b. Maintains appropriate supply records.

c. Provides battalion-level automotive maintenance support.

d. Transports its portion of the battalion basic load of ammunition.

e. Performs organizational-level maintenance on organic equipment, except for field radio equipment.

Mobility. Eighty-five percent mobile in organic vehicles.

Strength.

a. Level 1: Off 2 WO 1 EM 51 Aggr 54
b. Level 2: Off 2 WO 1 EM 51 Aggr 54
c. Level 3: Off 2 WO 1 EM 47 Aggr 50

Summary of equipment. See table 2–5.

TOE 6–165H, FA Bn, 155-mm, Towed/8-in, SP, Inf Div Arty (1)

Mission. To provide field artillery fires, to include nuclear, in general support of an infantry division and to reinforce the fires of other field artillery units.

Assignment. Organic to division artillery, infantry division, TOE 6–100H.

Capabilities. a. Provides continuous and timely field artillery fire support to the supported force, to include nuclear fires.

b. Provides its component of division artillery communication, survey, air defense, and target acquisition systems.

c. Procures and distributes all classes of supply to organic units, maintains appropriate supply and materiel records, and transports its prescribed basic load of ammunition.

d. Provides limited unit medical support for organic units, to include medical care and intrabattalion evacuation.

Mobility. Sixty-five percent mobile in organic vehicles.

Strength.

a.	Level 1:	Off 28	WO 2	EM 583	Aggr 613
b.	Level 2:	Off 26	WO 2	EM 533	Aggr 561
c.	Level 3:	Off 26	WO 2	EM 477	Aggr 505

Summary of equipment. See table 2–5.

TOE 6–166H, HHB, FA Bn, 155-mm, Towed, 8-in SP, Inf Div Arty (11)

Mission. To direct and coordinate operations of the battalion and to provide facilities with which the battalion commander controls the battalion.

Assignment. Organic to field artillery battalion, 155-mm, towed/8-in, self-propelled, infantry division, TOE 6–165H.

Capabilities. a. Plans, supervises, coordinates, and controls operations of organic units of the battalion.

b. Provides limited unit-level medical support, to include medical care and intrabattalion evacuation, establishes an aid station, furnishes aidmen to organic units of the battalion, and supervises field sanitation within the battalion.

c. Provides survey control for the battalion.

d. Provides air defense against low-altitude hostile aircraft.

e. Provides its portion of the battalion communication system.

f. Performs organizational-level maintenance, except that performed by the operators, on computer gun direction field artillery digital automatic computer (FADAC) and field communication equipment.

Mobility. Fifty-two percent mobile in organic vehicles.

Strength.

a.	Level 1:	Off 14	WO 1	EM 116	Aggr 131
b.	Level 2:	Off 12	WO 1	EM 105	Aggr 118
c.	Level 3:	Off 12	WO 1	EM 98	Aggr 111

Summary of equipment. See table 2–5.

TOE 6–167H, FA Btry, 155-mm, Towed, FA Bn, 155-mm, Towed/8-in, SP, Inf Div Arty (10)

Mission. To provide a firing component of the field artillery battalion, 155-mm, towed/8-in, self-propelled.

Assignment. Organic to field artillery battalion, 155-mm, towed/8-in, self-propelled, infantry division, TOE 6–165H.

Capabilities. a. Delivers 155-mm fires conventional and special ammunition at time and place required.

b. Transports its portion of the battalion basic load of ammunition.

c. Furnishes its portion of the battalion communication system.

d. Performs organizational-level maintenance on organic equipment, except for field radio equipment, computer gun direction, and battalion-level maintenance on automotive equipment.

Mobility. Fifty-nine percent mobile in organic vehicles.

Strength.

a. Level 1: Off 2 WO 0 EM 100 Aggr 102
b. Level 2: Off 2 WO 0 EM 94 Aggr 96
c. Level 3: Off 2 WO 0 EM 82 Aggr 84

Summary of equipment. See table 2—5.

TOE 6–358H FA Btry, 8-in, SP, FA Bn, 155-mm, Towed/8-in, SP, Inf Div Arty (10)

Mission. To provide a firing component of the field artillery battalion to which assigned.

Assignment. Organic to field artillery battalion, 155-mm, towed/8-in, self-propelled, infantry division, TOE 6–165H.

Capabilities. a. Delivers 8-in fires at time and place required.

b. Furnishes its portion of the battalion communications system.

c. Transports its portion of the battalion basic load of ammunition.

d. Performs organizational-level maintenance on organic equipment, except for field radio equipment computer gun direction, and battalion-level maintenance on automotive equipment.

Mobility. Seventy-seven percent mobile in organic vehicles.

Strength.

a. Level 1: Off 3 WO 0 EM 95 Aggr 98
b. Level 2: Off 3 WO 0 EM 87 Aggr 90
c. Level 3: Off 3 WO 0 EM 83 Aggr 86

Summary of equipment. See table 2–5.

TOE 6–169H Svc Btry, FA Bn, 155-mm, Towed/8-in, SP, Inf Div (11)

Mission. To procure and distribute all classes of supplies to units of the battalion, to maintain appropriate supply records, and to perform organizational maintenance not otherwise accomplished within the battalion.

Assignment. Organic to field artillery battalion, 155-mm, towed/8-in, self-propelled, infantry division, TOE 6–165H.

Capabilities. a. Procures and distributes all classes of supplies to the battalion.

b. Maintains appropriate supply records.

c. Provides battalion-level organizational maintenance support on automotive equipment.

d. Transports its portion of the battalion basic load of ammunition.

e. Performs organizational-level maintenance on organic equipment, except for field radio equipment.

Mobility. Seventy-one percent mobile in organic vehicles.

Strength.

a. Level 1: Off 2 WO 1 EM 72 Aggr 75
b. Level 2: Off 2 WO 2 EM 59 Aggr 62
c. Level 3: Off 2 WO 1 EM 50 Aggr 53

Summary of equipment. See table 2–5.

TOE 6–365H FA Bn, 155-mm, SP, Armd and Mech Div Arty (1)

Mission. To provide field artillery fires in direct support of a maneuver brigade (armored or mechanized), or in general support of the supported force, and/or to reinforce the fires of other field artillery units.

Assignment. Organic to armored or mechanized division artillery, TOE 6–300H.

Capabilities. a. Provides continuous and timely field artillery fires in support of the supported unit.

b. Provides its component of the division artillery communications, air defense, survey, and target acquisition systems.

c. Provides medical support for organic units, to include medical care and intrabattalion evacuation, establishes an aid station, furnishes aidmen to organic units of the battalion, and supervises field sanitation within the battalion.

d. Procures and distributes all classes of supplies to organic units, maintains appropriate supply and materiel records, and transports its prescribed basic load of ammunition.

e. Provides FSO and FO support to maneu-

ver brigade with up to three maneuver battalions committed.

Mobility. For mobility of the components of this battalion, see Section I, General, of each applicable TOE.

Strength.

a. Level 1: Off 37 WO 3 EM 501 Aggr 541
b. Level 2: Off 36 WO 3 EM 472 Aggr 511
c. Level 3: Off 36 WO 3 EM 449 Aggr 488

Summary of equipment. See table 2–6.

TOE 6–366H HHB, FA Bn, 155-mm, SP, Armd and Mech Div Arty (12)

Mission. To direct and coordinate operations of the battalion and to provide facilities with which the battalion commander controls the battalion.

Assignment. Organic to field artillery battalion, 155-mm, self-propelled, armored or mechanized division, TOE 6–365H.

Capabilities. a. Provides the facilities with which the battalion commander controls the battalion.

b. Plans, supervises, coordinates, and controls operations of organic units of the battalion.

c. Provides unit-level medical support, to include medical care and intrabattalion evacuation, establishes an aid station, furnishes aidmen to organic units of the battalion, and supervises field sanitation within the battalion.

d. Provides survey control and its portion of the battalion communication system.

e. Provides air defense against low-altitude hostile aircraft.

f. Furnishes fire support sections to brigade and up to three of its maneuver battalions.

g. Performs organizational maintenance on organic equipment, except for battalion-level maintenance on automotive equipment.

h. Performs organizational maintenance, except for operator maintenance, on communication-electronic and computer gun direction equipment for units of the battalion.

Mobility. Sixty-one percent mobile in organic vehicles.

Strength.

a. Level 1: Off 17 WO 2 EM 123 Aggr 142
b. Level 2: Off 16 WO 2 EM 112 Aggr 130
c. Level 3: Off 16 WO 2 EM 104 Aggr 122

Summary of equipment. See table 2–6.

TOE 6–367H FA Btry, 155-mm, SP, FA Bn, 155-mm, SP, Armd and Mech Div Arty (10)

Mission. To provide a firing component of the field artillery battalion, 155-mm, self-propelled.

Assignment. Organic to field artillery battalion, 155-mm, self-propelled, armored or mechanized division, TOE 6–365H and to field artillery battalion 155-mm, SP, separate armored brigade or separate mechanized brigade, TOE 6–375H.

Capabilities. a. Delivers 155-mm fires at time and place required.

b. Furnishes its portion of the battalion communication system.

c. Performs organizational-level maintenance on organic equipment, except for field communication equipment, computer gun direction, and battalion-level maintenance on automotive equipment.

d. Transports its portion of the battalion basic load of ammunition.

e. Provides forward observer sections to support one maneuver battalion with three maneuver companies.

f. The additional capability to safeguard nuclear materials will be provided by attachment of the appropriate number of teams FD, USA Field Artillery Security Team—CANNON, TOE 6–500.

Mobility. Sixty-nine percent mobile in organic vehicles.

Strength.

a. Level 1:	Off 5	WO 0	EM 104	Aggr 109
b. Level 2:	Off 5	WO 0	EM 98	Aggr 103
c. Level 3:	Off 5	WO 0	EM 95	Aggr 100

Summary of equipment. See table 2–6.

TOE 6–369H Svc Btry, FA Bn, 155-mm, SP, Armd and Mech Div Arty (11)

Mission. To procure and distribute all classes of supplies to units of the battalion, to maintain appropriate supply records, and to perform organizational-level maintenance not otherwise accomplished within the battalion.

Assignment. Organic to field artillery battalion, 155-mm, self-propelled, armored or mechanized division, TOE 6–365H and to field artillery battalion, 155-mm, SP, separate armored or mechanized brigade, TOE 6–375H.

Capabilities. a. Procures and distributes all classes of supplies to units of the battalion.

b. Maintains appropriate supply records.

c. Provides battalion-level organizational maintenance support for automotive equipment.

d. Transports its portion of the battalion basic load of ammunition.

e. Performs organizational-level maintenance on organic equipment, except for field radio equipment.

f. Same as 6–367H.

Mobility. Fifty-two percent mobile in organic vehicles.

Strength.

a. Level 1:	Off 2	WO 1	EM 66	Aggr 69
b. Level 2:	Off 2	WO 1	EM 66	Aggr 69
c. Level 3:	Off 2	WO 1	EM 60	Aggr 63

Summary of equipment. See table 2–6.

TOE 6–395H FA Bn, 8-in, SP, Armd and Mech Div Arty (2)

Mission. To provide field artillery fires, including nuclear, in general support of an armored division or mechanized division and to reinforce the fires of other field artillery units.

Assignment. Organic to armored or mechanized division artillery, TOE 6–300H.

Capabilities. a. Provides continuous and timely fire support to the supported force, to include nuclear fires.

b. Provides its component of division artillery communication, survey, air defense, and target acquisition systems.

c. Provides limited unit level medical support for organic units, to include medical care and intrabattalion evacuation.

d. Procures and distributes all classes of supplies to organic units, maintains appropriate supply and materiel records, and transports its prescribed basic load of ammunition.

Mobility. Sixty-six percent mobile in organic vehicles.

Strength.

a. Level 1:	Off 27	WO 2	EM 487	Aggr 516
b. Level 2:	Off 23	WO 2	EM 444	Aggr 469
c. Level 3:	Off 23	WO 2	EM 425	Aggr 450

Summary of equipment. See table 2–6.

TOE 6–396H HHB, FA Bn, 8-in, SP, Armd and Mech Div Arty (10)

Mission. To direct and coordinate operations of the battalion and to provide facilities with which the battalion commander controls the battalion.

Assignment. Organic to field artillery battalion, 8-in, self-propelled, armored or mechanized division, TOE 6–395H.

Capabilities. a. Plans, supervises, coordinates, and controls operations of organic units of the battalion.

b. Provides unit-level medical support, to include medical care and intrabattalion evacuation, establishes an aid station, furnishes aidmen to organic units of the battalion, and supervises field sanitation within the battalion.

c. Provides survey control for the battalion.

d. Provides air defense against low-altitude hostile aircraft.

e. Provides its portion of the battalion communication system.

f. Performs organizational maintenance on organic equipment, except for battalion-level maintenance on automotive equipment.

Mobility. Fifty-eight percent mobile in organic vehicles.

Strength.

a. Level 1:	Off 13	WO 1	EM 97	Aggr 111
b. Level 2:	Off 12	WO 1	EM 89	Aggr 102
c. Level 3:	Off 12	WO 1	EM 89	Aggr 102

Summary of equipment. See table 2–6.

TOE 6–397H FA Btry, 8-in SP, FA Bn (10)

Mission. To provide a firing component of the field artillery battalion, 8-inch, self-propelled.

Assignment. Organic to field artillery battalion, 8-in, self-propelled, armored or mechanized division, TOE 6–395H.

Capabilities. a. Delivers 8-inch fires, to include nuclear fires, at time and place required.

b. Furnishes its portion of the battalion communications and survey systems.

c. Performs organizational maintenance on organic equipment, except for field radio equipment, computer gun direction, and battalion-level maintenance on automotive equipment.

d. The additional capability to safeguard nuclear materials will be provided by attachment of the appropriate number of Teams FD, USA Field Artillery Security Team—CANNON, TOE 6–500.

Mobility. Sixty-eight percent mobile in organic vehicles.

Strength.

a. Level 1:	Off 3	WO 0	EM 105	Aggr 108
b. Level 2:	Off 2	WO 0	EM 97	Aggr 99
c. Level 3:	Off 2	WO 0	EM 93	Aggr 95

Summary of equipment. See table 2–6.

TOE 6–399H Svc Btry, FA Bn (10)

Mission. To procure and distribute all classes of supplies to units of the battalion, maintain appropriate supply records, and perform organizational-level maintenance functions not otherwise accomplished within the battalion.

Assignment. Organic to field artillery battalion, 8-inch, self-propelled, armored or mechanized division, TOE 6–395H.

Capabilities. a. Procures and distributes all classes of supplies to units of the battalion.

b. Maintains appropriate supply records.

c. Provides battalion-level organizational maintenance on automotive equipment.

d. Transports its portion of the battalion basic load of ammunition.

e. Performs organizational maintenance on organic equipment except for field radio equipment.

f. The additional capability to safeguard nuclear materials will be provided by attachment of the appropriate number of teams FD, USA Field Artillery Security Team—CANNON, TOE 6–500.

Mobility. Seventy-two percent mobile in organic vehicles.

Strength.

a. Level 1:	Off 2	WO 1	EM 75	Aggr 78
b. Level 2:	Off 2	WO 1	EM 64	Aggr 67
c. Level 3:	Off 2	WO 1	EM 57	Aggr 60

Summary of equipment. See table 2–6.

TOE 30–19H Cbt Intelligence Co

Mission. Performs tactical intelligence, counterintelligence, ground surveillance, and remote sensor functions in support of an infantry, infantry (mechanized), armored, airborne, and airmobile division.

Assignment. Organic to Infantry Division, TOE 7; Armor Division, TOE 17; Infantry (Mechanized) Division, TOE 37; Airborne Division, TOE 57; and Airmobile Division, TOE 67.

Capabilities. a. At level 1, this unit:

(1) Provides a division battlefield information coordination center (BICC) of trained tactical intelligence personnel at the division main command post to plan and manage the collection of tactical intelligence information and produce and disseminate tactical intelligence. The BICC functions under the staff supervision of the division intelligence officer (G2).

(2) Provides for the production of intelligence from all sources by collocating a BICC analysis and production element with the USASA tactical support element (ATSE), supporting the division.

(3) Provides BICC personnel to the G2 section of the division tactical command post to insure continuity of intelligence operations during tactical operations.

(4) Provides counterintelligence personnel to conduct tactical counterintelligence operations in support of the division and subordinate elements.

(5) Provides a limited tactical interrogation capability and serves as the management element of the division G2 section for those interrogation elements provided to the division by corps.

(6) Provides a limited imagery interpretation capability and interface between the division and corps imagery interpretation elements when organic to infantry, SRC 30019H610, infantry (mechanized), and armored division, SRC 30019H620.

(7) Provides imagery interpretation and imagery reproduction capabilities and interface with corps when organic to airborne and airmobile division, SRC 30019H630.

(8) Provides 22 ground surveillance radar and 10 remote sensor teams in support of elements of the division.

(9) Provides assistance in column protection and associated tactical operations with radar and remote sensor teams when organized as Infantry (Mechanized) and Armored Divisions under SRC 30019H620.

(10) Provides administrative and logistical support to the attached US Air Force Weather Section IAW AR 110–10/AFR 105–3, Environmental Services meteorological support for the US Army and FM 31–3/AFM 105–4, Weather Support for the Field Army.

(11) Provides maintenance on organic equipment except in the following categories:

Organization—All equipment, except air conditioners.
Direct Support—Ground Surveillance Radars and Remote sensors.

b. This unit is not adaptable to type B organization.

c. Individuals of this organization can assist in effective, coordinated defense of the units area or installation.

d. This unit is dependent upon:

(1) Appropriate elements of the division for food service, legal, medical, religious, finance, and personnel administration services, and maintenance of air conditioners.

(2) The division signal battalion for:

(a) Service into the area communications system.
(b) Radio teletypewriter equipment

and operators for the division BICC RATT stations located at division main, division tactical command post, division support command, and the RATT station which supports the attached USAF Weather Section.

(3) The Army Security Agency division support company, TOE 32—57H, attached to the division, for signal security operations and electronic counterintelligence in support of the division tactical counterintelligence mission.

Basis of allocation. One per Infantry Division, TOE 7; Armor Division, TOE 17, Infantry (Mechanized) Division, TOE 37; Airborne Division, TOE 57; and Airmobile Division, TOE 67.

Category. II.

Mobility. a. When organized under SRC 30019H610, (Infantry Division), this unit is authorized 34,000 pounds (800 cubic feet) of TOE equipment requiring transportation. Non-TOE equipment and supplies constitute approximately 28,000 pounds (1,700 cubic feet).

(1) On a move to a new location using one lift by organic assets, the unit can move 225 personnel and 62,000 pounds (2,500 cubic feet).

(2) All equipment is transportable by US Air Force aircraft.

b. When organized under SRC 30019H620, (Infantry Mechanized and Armored Division) this unit is authorized 36,000 pounds (800 cubic feet) of TOE equipment requiring transportation. Non-TOE equipment and supplies constitute approximately 62,000 pounds (1,500 cubic feet).

(1) On a move to a new location using one lift by organic assets, the unit can move 231 personnel and 98,000 pounds (2,300 cubic feet).

(2) All equipment is transportable by US Air Force aircraft.

c. When organized under SRC 30019H30 (Airborne and Airmobile Division) this unit is authorized 32,000 pounds (800 cubic feet) of TOE equipment requiring transportation. Non-TOE equipment and supplies constitute approximately 20,000 pounds (700 cubic feet).

(1) On a move to a new location using one lift by organic assets, the unit can move 145 personnel and 52,000 pounds (1500 cubic feet).

(2) All equipment is transportable by US Army CH—47C, (Medium Lift) and CH—54A and CH—54B (Heavy Lift) helicopters.

(3) All equipment is transportable by US Air Force aircraft.

Strength.

SRC 30019H610 (Infantry Division)

a.	Level 1:	Off 13	WO 10	EM 190	Aggr 213
b.	Level 2:	Off 13	WO 10	EM 169	Aggr 192
c.	Level 3:	Off 10	WO 8	EM 154	Aggr 172

SRC 30019H620 (Armor/Mechanized Division)

a.	Level 1:	Off 13	WO 10	EM 196	Aggr 219
b.	Level 2:	Off 13	WO 10	EM 175	Aggr 198
c.	Level 3:	Off 10	WO 8	EM 159	Aggr 177

SRC 30019H630 (Airborne/Airmobile Division)

a.	Level 1:	Off 14	WO 11	EM 201	Aggr 226
b.	Level 2:	Off 14	WO 11	EM 179	Aggr 204
c.	Level 3:	Off 11	WO 9	EM 162	Aggr 182

Summary of equipment. See Table 2—1.

TOE 44–325H ADA Bn, Chap/Vulcan, SP, Armd, Inf, and Mech Div (1)

Mission. To provide air defense for forward combat elements against low-altitude hostile aircraft and to destroy hostile targets on land or water, as required.

Assignment. a. Organic to armored division, TOE 17H.

b. Organic to infantry division, TOE 7H.

c. Organic to mechanized division, TOE 37H.

Capabilities. a. Provides vital area and area air defense against low-altitude hostile aircraft.

b. Defends against surface targets with the Vulcan weapon system.

c. Has forward area alert radar capability.

d. Provides medical support to include emergency medical treatment, operation of the battalion aid station, evacuation of casualties, provision of aidmen to firing batteries, and supervision of sanitation.

e. Performs organizational maintenance on organic equipment.

Mobility. Ninety-five percent mobile in organic vehicles.

Strength.

a. Level 1: Off 34 WO 7 EM 542 Aggr 583
b. Level 2: Off 34 WO 7 EM 504 Aggr 545
c. Level 3: Off 32 WO 6 EM 433 Aggr 471

Summary of equipment. See table 2–7.

TOE 44–326H HHB, ADA Bn, Chap/Vulcan, SP (11)

Mission. To provide command, control, and supervision of operations of the battalion.

Assignment. Organic to air defense artillery battalion, Chaparral/Vulcan, self-propelled, TOE 44–325H.

Capabilities. a. Commands, controls, and provides staff planning and supervision of operations.

b. Provides radio and wire communications with all elements of the battalion and with higher, adjacent, and supported units.

c. Provides forward area alert radar capability.

d. Performs supply, administration, and organizational maintenance on all battery equipment.

e. Provides liaison with the division TOC and ADA group or ADA battalion (Hawk).

f. Provides medical support, to include emergency medical treatment, operation of the battalion aid station, evacuation of casualties, provision of aidmen to firing batteries, and supervision of sanitation.

Mobility. Ninety-five percent mobile in organic vehicles.

Strength.

a. Level 1: Off 14 WO 3 EM 108 Aggr 125
b. Level 2: Off 14 WO 3 EM 100 Aggr 117
c. Level 3: Off 12 WO 2 EM 89 Aggr 103

Summary of equipment. See table 2–7.

TOE 44–327H ADA Btry, Vulcan, SP, ADA Bn, Chap/Vulcan, SP (11)

Mission. a. To provide air defense of critical areas for forward combat elements or installations against low-altitude hostile aircraft.

b. To destroy hostile targets on land or water, as required.

c. To provide Vulcan fire units to air defense artillery battalion, Chaparral/Vulcan, self-propelled.

Assignment. Organic to air defense artillery battalion, Chaparral/Vulcan, self-propelled, TOE 44–325H.

Capabilities. a. Delivers a high rate of fire from hasty positions and on the move against low-altitude hostile aircraft and surface targets.

b. Stores and transports its basic load of ammunition.

c. Performs organizational maintenance on organic equipment.

d. Delivers a high rate of fire against hostile land targets during periods of darkness.

Mobility. Ninety-five percent mobile in organic vehicles.

Strength.

a. Level 1: Off 5 WO 1 EM 102 Aggr 108
b. Level 2: Off 5 WO 1 EM 95 Aggr 101
c. Level 3: Off 5 WO 1 EM 78 Aggr 84

Summary of equipment. See table 2–7.

TOE 44–328H ADA Btry, Chap, SP, ADA Bn, Chap/Vulcan, SP (10)

Mission. a. To provide air defense for forward combat elements, areas, or installations against low-altitude hostile aircraft.

b. To provide Chaparral fire units to air defense artillery battalion, Chaparral/Vulcan, self-propelled.

Assignment. Organic to air defense artillery battalion, Chaparral/Vulcan, self-propelled, TOE 44–325H.

Capabilities. a. Delivers fire from hasty positions against low-altitude hostile aircraft.

b. Inspects, assembles, tests, and maintains missiles.

c. Stores and transports its basic load of missiles.

d. Performs organizational maintenance on organic equipment.

Mobility. Ninety-five percent mobile in organic vehicles.

Strength.

a. Level 1: Off 5 WO 1 EM 115 Aggr 121
b. Level 2: Off 5 WO 1 EM 107 Aggr 113
c. Level 3: Off 5 WO 1 EM 94 Aggr 100

Summary of equipment. See table 2–7.

TOE 17–87H Avn Co (Armd Div) (11)

TOE 37–87H Avn Co (Mech Div) (11)

Mission. To provide aviation support for division HQ.

Assignment. a. Organic to armored division, TOE 17H.

b. Organic to mechanized division, TOE 37H.

Capabilities. a. Provides aircraft for command, control, and liaison, as required by the division commander and staff.

b. Provides an instrumented airfield with terminal facilities, to include 24-hour ground controlled approach guidance.

c. Provides en route air traffic control and access into the Army air traffic control system.

d. Provides emergency air and weather warnings to aircraft.

e. Provides minimum refueling support for transient aircraft.

f. Provides emergency maintenance for transient aircraft.

g. Performs organizational maintenance on organic equipment.

Mobility. One hundred percent mobile in organic vehicles and aircraft.

Strength.

17–87H

a. Level 1: Off 8 WO 13 EM 75 Aggr 96
b. Level 2: Off 8 WO 12 EM 69 Aggr 89
c. Level 3: Off 8 WO 10 EM 60 Aggr 78

37–87H

a. Level 1: Off 8 WO 13 EM 76 Aggr 97
b. Level 2: Off 8 WO 12 EM 69 Aggr 89
c. Level 3: Off 8 WO 10 EM 62 Aggr 80

Summary of equipment. See tables 2–1 and 2–3.

TOE 57–55H Cbt Avn Bn, Inf Div

Mission. To provide aviation support for the division headquarters, division support command, and other divisional units without organic aircraft. In addition, provides:

a. General support and reinforcement to units possessing organic aircraft.

b. An aviation special staff section for the division headquarters.

Assignment. Organic to the Airborne Division, TOE 57, or to the Infantry Division, TOE 7.

Capabilities. a. At level 1, this unit:

(1) Provides aviation special staff personnel for the division headquarters, to include personnel to man aviation element of the division airspace control element as required.

(2) Provides air messenger service and aerial radio relay, as required by the division headquarters.

(3) Participates in airmobile combat operations. Based on eighty percent availability of organic aircraft provides, in a single lift, airlift for the assault elements of one airborne infantry rifle company, or one infantry rifle company.

(4) Operates one instrumented airfield with terminal flight facilities to include ground controlled approach (GCA).

(5) Provides aircraft to support the division headquarters, division support command, and other units without organic aircraft.

(6) Augments Army air ambulance resources by air movement of sick and wounded personnel when requested by medical authority.

(7) Reconnoiters and marks drop or landing sites to insure accurate delivery of personnel and material by paradrop or air landing operations.

(8) Assists in navigation and control of army aircraft in the objective area.

(9) Provides day and night operations during visual weather conditions and limited operations under instrument weather conditions.

(10) Provides aerial observation, reconnaissance and surveillance (day and night) of enemy areas to locate, verify and evaluate targets and adjust fires.

b. This unit is not adaptable to a type B organization.

c. Augmentation increases the capabilities of this unit to the extent provided by the augmentation personnel and equipment (see Section I, General, of each applicable TOE).

d. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

e. This unit can perform aviation unit maintenance (AVUM) on all assigned and/or supported aircraft. This unit also performs organizational maintenance on all organic avionics and aircraft armament equipment.

f. This unit is capable of landing by parachute or aircraft. (SRC 57055H320 not parachute qualified except for pathfinders authorized in augmentation.)

g. This unit is dependent upon:

(1) Appropriate elements of the DISCOM for finance, religious and personnel administration services.

(2) The Aviation General Support Company, Aviation Battalion, TOE 57—58, for mess support.

(3) The Signal Battalion, TOE 11—215 or TOE 11—35, for radio teletypewriter communications and multi-channel capability.

(4) The Quartermaster Airdrop Equipment Support Company, TOE 10—337, for inspection and technical assistance in packing, rigging, and loading of supplies and equipment for airdrop; and inspection and packing of parachutes for airdrop operations (SRC 57056H310 only).

(5) The Quartermaster Air Drop Supply Company, TOE 10—407, for parachute packing and maintenance support (SRC 57056H320 only).

(6) Appropriate teams from Aviation

Operating Teams, TOE 1–500, for fire protection.

(7) The supporting aviation intermediate maintenance (AVIM) company for aviation intermediate maintenance support and direct support maintenance of organic avionics and aircraft armament equipment.

Basis of allocation. One per Airborne Division, TOE 57 (SRC 57055H310), or one per Infantry Division, TOE 7 (SRC 57055H320).

Category. I.

Mobility. For mobility of the components of this battalion, see Section I, General, Organization, of each applicable TOE.

Strength.

a. Level 1: Off 36 WO 68 EM 280 Aggr 384
b. Level 2: Off 35 WO 58 EM 254 Aggr 347
c. Level 3: Off 34 WO 50 EM 221 Aggr 305

Summary of equipment. See Table 2–8.

TOE 57–56H HHC, Cbt Avn Bn, Inf Div

Mission. Provides command, control, and administration, for the aviation battalion. In addition, provides aviation special staff personnel for the division headquarters and pathfinder support for organic brigades of the division.

Assignment. Organic to Combat Aviation Battalion, Airborne Division, or Combat Aviation Battalion, Infantry Division, TOE 57–55.

Capabilities. a. At level 1, this unit:

(1) Commands, controls, performs staff planning and supervision of operations for companies of the battalion and attached units.

(2) Provides aviation special staff personnel for the division headquarters, to include personnel to man the aviation element of the division airspace control element, as required.

(3) Provides pathfinder support for the airborne infantry brigades and the assault helicopter company as required (SRC 57056H310 only).

(4) Provides personnel to supervise battalion supply, organizational maintenance and administration for organic and attached units.

(5) Operates one instrumented airfield with terminal flight facilities to include ground controlled approach (GCA).

(6) Provides unit level medical support to the combat aviation battalion, to include medical care and evacuation within the battalion, and establishing an aid station.

(7) Provides enroute air traffic control of aircraft operating under instrument flight rules within the division area.

b. This unit is not adaptable to type B organization.

c. Augmentation:

(1) SRC 57056H310. Augmentation increases the capabilities of this unit to the extent provided by the augmentation personnel and equipment.

(2) SRC 57056H320. Augmentation (see separate SRC): SRC 57056H321. Pathfinder Platoon provides pathfinder support for the Infantry Brigades and the Assault Helicopter Company as required. All other augmentation increases the capabilities of this unit to the extent provided by the augmentation personnel and equipment.

d. Individuals of this organization, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

e. With the exception of medical equipment, this unit is capable of performing organizational maintenance on organic equipment and all communications-electronics equipment organic to the battalion.

f. This unit is capable of landing by para-

chute or aircraft. (SRC 57056H320 not parachute qualified except for pathfinders authorized in augmentation).

g. This unit is dependent upon:

(1) Appropriate elements of the DISCOM for finance, religious, and personnel administration services.

(2) The Aviation General Support Company, Aviation Battalion, TOE 57—58, for mess support.

(3) The Signal Battalion, TOE 11—215 or TOE 11—35, for radio teletypewriter communications and multi-channel capability.

(4) The Quartermaster Airdrop Equipment Support Company, TOE 10—337, for inspection and technical assistance in packing, rigging, and loading of supplies and equipment for airdrop; and inspection and packing of parachutes for airdrop operations (SRC 57056H310 only).

(5) The Quartermaster Air Drop Supply Company, TOE 10—407, for parachute packing and maintenance support (SRC 57056H320 only).

Basis of allocation. One per Combat Aviation Battalion, Airborne Division or Infantry Division, TOE 57—55.

Category. II.

Mobility. a. Seventy-percent mobile in organic vehicles.

b. One hundred percent air transportable in US Air Force aircraft.

Strength.

a. Level 1:	Off 16	WO 1	EM 84	Aggr 101
b. Level 2:	Off 16	WO 1	EM 78	Aggr 95
c. Level 3:	Off 16	WO 0	EM 67	Aggr 83

Summary of equipment. See Table 2—8.

TOE 57—57H Aslt Hel co, Cbt Avn Bn, Inf Div

Mission. Provides tactical air movement of combat troops, supplies and equipment within the combat zone.

Assignment. Organic to Combat Aviation Battalion, Airborne Division, or Combat Aviation Battalion, Infantry Division, TOE 57—55.

Capabilities. a. At level 1, this unit:

(1) Provides day and night operations during visual weather conditions and limited operations under instrument weather conditions in support of the division.

(2) Based on eighty percent availability of organic aircraft, provides, in a single lift, airlift for the assault elements of one airborne infantry rifle company, or one infantry rifle company.

(3) Provides aerial movement of troops, supplies, and equipment in support of the division.

(4) Augments Army air ambulance resources by air movement of sick and wounded personnel when requested by medical authority.

(5) Provides armed aerial escort for organic assault helicopters during movements, combat assault and combat extractions.

(6) Provides effective aerial suppressive fires for antiguerrilla forces.

b. This unit is not adaptable to a type B organization.

c. Augmentation increases the capabilities of this unit to the extent provided by the augmentation personnel and equipment.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

e. This unit is capable of performing organi-

zational maintenance on organic equipment except communication-electronics equipment.

f. This unit can perform aviation unit maintenance (AVUM) on organic aircraft and supplementary AVUM on aircraft organic to TOE 57—55, Combat Aviation Battalion. This unit can also perform organization maintenance on organic avionics and aircraft armament equipment.

g. This unit is capable of landing by parachute or aircraft. (SRC 57057H320 not parachute qualified).

h. This unit is dependent upon:

(1) Appropriate elements of the DISCOM for finance, religious and personnel administration service.

(2) The Headquarters and Headquarters Company, TOE 57—56, for organizational maintenance of communication-electronics equipment.

(3) Appropriate teams from Aviation Operating Teams, TOE 1—500, for fire protection.

(4) The Quartermaster Airdrop Equipment Support Company, TOE 10—337, for inspection and technical assistance in packing, rigging, and loading of supplies and equipment for airdrop; and inspection and packing of parachutes for airdrop operations (SRC 5705H310 only).

(5) The supporting aviation intermediate maintenance (AVIM) company for aviation intermediate maintenance support and direct support maintenance of organic avionics and aircraft armament equipment.

Basis of allocation. One per Combat Aviation Battalion, Airborne Division, or Infantry Division, TOE 57—55.

Category. I.

Mobility. a. Eighty-five percent mobile in organic vehicles.

b. One hundred percent transportable in US Air Force aircraft.

Strength.

a. Level 1: Off 13 WO 49 EM 139 Aggr 201
b. Level 2: Off 12 WO 41 EM 125 Aggr 178
c. Level 3: Off 11 WO 36 EM 109 Aggr 156

Summary of equipment. See Table 2—8.

TOE 57—58H Avn GS Co, Cbt Avn Bn, Inf Div

Mission. Provides aviation support for the division headquarters, division support command and other units without organic aircraft. In addition, provides limited aviation general support and reinforcement to units with organic aircraft.

Assignment. Organic to Combat Aviation Battalion, Airborne Division, or Combat Aviation Battalion, Infantry Division, TOE 57—55.

Capabilities. a. At level 1, this unit:

(1) Provides day and night operations during visual weather conditions and limited operations under instrument weather conditions.

(2) Provides aerial observation, reconnaissance, and surveillance (day and night) of enemy areas for the purpose of locating, verifying, and evaluating targets, terrain study, and fire adjustment.

(3) Conducts radiological survey.

(4) Provides aircraft for command, control and liaison.

(5) Augments Army air aubulance resources by air movement of sick and wounded personnel when requested by medical authority.

(6) Provides air messenger service and aerial relay, as required by the division headquarters.

b. This unit is not adaptable to a type B organization.

c. This unit provides mess facilities for the Headquarters and Headquarters Company, Combat Aviation Battalion, TOE 57—56.

d. Augmentation increases the capabilities of this unit to the extent provided by the augmentation personnel and equipment.

e. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

f. This unit can perform aviation unit maintenance (AVUM) on all organic aircraft and organizational maintenance on all organic avionics and/or aircraft armament equipment.

g. This unit is capable of landing by parachute or aircraft. (SRC 57058H320 not parachute qualified.)

h. This unit is dependent upon:

(1) Appropriate elements of the DISCOM for finance, religious and personnel administration services.

(2) The Headquarters and Headquarters Company, TOE 57—56, for organizational maintenance of communication-electronics equipment.

(3) Appropriate team from Aviation Operating Teams, TOE 1—500, for fire protection.

(4) The Quartermaster Airdrop Equipment Support Company, TOE 10—337, for inspection and technical assistance in packing, rigging, and loading of supplies and equipment for airdrop; and inspection and packing of parachutes for airdrop operations (SRC 57058H310 only).

(5) TOE 57—57, Assault Helicopter Company, for supplementary aviation unit maintenance (AVUM) support and the supporting aviation intermediate maintenance (AVIM) company for intermediate maintenance and direct support maintenance of organic avionics and aircraft armament equipment.

Basis of allocation. One per Combat Aviation Battalion, Airborne Division or Infantry Division, TOE 57—55.

Category. II.

Mobility. a. One hundred percent mobile in organic vehicles.

b. One hundred percent air transportable in US Air Force aircraft.

Strength.

a. Level 1: Off 7 WO 18 EM 57 Aggr 82
b. Level 2: Off 7 WO 16 EM 51 Aggr 74
c. Level 3: Off 7 WO 14 EM 45 Aggr 66

Summary of equipment. See Table 2—8.

TOE 5—145H Engr Bn, Armd and Mech Div (No Change)

TOE 5—155H Engr Bn, Inf Div (1)

Mission. To increase the combat effectiveness of the armored, infantry, or mechanized division by means of engineer combat support and to carry out an infantry combat mission, when required.

Assignment. a. Organic to armored division, TOE 17H.

b. Organic to infantry division, TOE 7H.

c. Organic to mechanized division, TOE 37H.

Capabilities. a. Provides engineer staff planning and supervision for organic and attached engineer troops.

b. Constructs, repairs, and maintains roads, bridges, fords, and culverts.

c. Supports hasty stream-crossing operations with boats, rafts, and bridges; coordinates organic and attached engineer troops in support of deliberate stream crossings.

d. Provides fixed bridging for passage of short gaps.

e. Assists in the emplacement of obstacles, including mines and boobytraps.

f. Plans for, prepares, and executes firing of ADM. When required, this capability is increased by the attachment of TOE 5—570 cellular-type ADM teams.

g. Provides technical assistance to other troops in preparation of fortifications and camouflage.

h. Provides engineer reconnaissance and produces engineer intelligence.

i. Provides construction work, including construction of landing strips.

j. Constructs and places deceptive devices and provides technical assistance in camouflage operations.

k. Provides personnel and equipment for water purification and the supply of potable water.

l. Provides technical advice to supported units on engineering matters, including recommendations for employment of engineer troops.

m. Assists in the assault of fortified positions.

n. Provides locally available materials for construction, fortifications, and camouflage.

o. Provides a unit to undertake and carry out an infantry combat mission, when required.

p. Performs organizational maintenance on equipment organic to the battalion.

Mobility. One hundred percent mobile in organic vehicles.

Strength.

5—145H

a. Level 1: Off 43 WO 3 EM 932 Aggr 978
b. Level 2: Off 37 WO 2 EM 822 Aggr 861
c. Level 3: Off 32 WO 2 EM 723 Aggr 757

5—155H

a. Level 1: Off 38 WO 3 EM 735 Aggr 776
b. Level 2: Off 33 WO 3 EM 681 Aggr 717
c. Level 3: Off 28 WO 3 EM 583 Aggr 614

Summary of equipment. See table 2—8.

TOE 5—146H HHC, Engr Bn, Armd and Mech Div (11)

TOE 5—156H HHC, Engr Bn, Inf Div (11)

Mission. a. HQ. To provide an engineer special staff section for the division and to provide command, control, and supervision of the engineer battalion, armored, infantry, and mechanized divisions, and attached units.

b. HQ company.

(1) Engineer battalion, armored or mechanized division. To provide an alternate CP, administration, operational control, communications, engineer reconnaissance and intelligence, supply, organizational maintenance support, supplemental engineer and ordnance construction equipment, and medical service for the battalion. Additionally, to provide for the production of potable water for the division and for the operational employment of ADM.

(2) Engineer battalion, infantry division. To provide administration, operational control, and logistic support to include medical service, for the battalion. Additionally, to provide for the production of potable water for the division and for the operational employment of ADM.

c. To carry out infantry combat missions, when required.

Assignment. a. Organic to engineer battalion, armored or mechanized division, TOE 5—145H.

b. Organic to engineer battalion, infantry division, TOE 5—155H.

Capabilities. a. Provides staff planning and supervision of division engineer operations, including attached engineer units.

b. Provides water production and purification and operates five water points.

c. Performs engineer reconnaissance and intelligence for the engineer battalion and for the division.

d. Provides unit-level medical support for the battalion, to include medical care and evacuation, establishes an aid station, and furnishes company aidmen.

e. Provides radio and wire communications for the battalion when performing a formal engineer mission and when reorganized for combat as infantry.

f. Provides construction equipment support for subordinate units.

g. Provides limited ADM support to the division. This capability may be increased, as required, by the attachment of TOE 5—570 cellular-type ADM teams.

h. Performs organizational maintenance on organic communication and engineer equipment and vehicles.

Mobility. One hundred percent mobile in organic vehicles.

Strength.

5—146H

a. Level 1: Off 18 WO 3 EM 177 Aggr 198
b. Level 2: Off 13 WO 2 EM 165 Aggr 180
c. Level 3: Off 13 WO 2 EM 141 Aggr 156

5—156H

a. Level 1: Off 18 WO 3 EM 164 Aggr 185
b. Level 2: Off 14 WO 3 EM 159 Aggr 176
c. Level 3: Off 13 WO 3 EM 139 Aggr 155

Summary of equipment. See table 2—8.

TOE 5—147H Cbt Engr Co, Engr Bn, Armd and Mech Div (10)

TOE 5—157H Cbt Engr Co, Engr Bn, Inf Div (10)

Mission. To increase the combat effectiveness of the engineer battalion, armored, infantry, or mechanized division, by providing engineer combat support and to carry out infantry combat missions, when required.

Assignment. a. Organic to engineer battalion, armored or mechanized division, TOE 5—145H.

b. Organic to engineer battalion, infantry division, TOE 5—155H.

Capabilities. a. Performs combat engineer tasks and, when reinforced with additional heavy equipment, can execute more complex engineer works.

b. Provides engineer support for combined arms teams of the armored, infantry, and mechanized divisions.

c. Performs infantry combat missions, when required.

d. Performs organizational maintenance on its organic equipment and vehicles.

Mobility. One hundred percent mobile in organic vehicles.

Strength.

5—147H

a. Level 1: Off 5 WO 0 EM 148 Aggr 153
b. Level 2: Off 5 WO 0 EM 127 Aggr 132
c. Level 3: Off 4 WO 0 EM 112 Aggr 116

5—157H

a. Level 1: Off 5 WO 0 EM 144 Aggr 149
b. Level 2: Off 5 WO 0 EM 131 Aggr 136
c. Level 3: Off 4 WO 0 EM 109 Aggr 113

Summary of equipment. See table 2—8.

TOE 5—148H. Brg Co, Engr Bn (10)

Mission. a. To provide technical personnel and equipment to maintain, load, transport, erect and operate, and disassemble tactical assault stream-crossing equipment.

b. To accomplish nontactical independent bridging or ferry missions, as required.

Assignment. a. Organic to engineer battalion, armored or mechanized division, TOE 5—145H.

b. Organic to engineer battalion, infantry division, TOE 5—155H.

Capabilities. a. When equipped with mobile assault bridging equipment, can erect up tc 143.8 meters of mobile assault amphibious bridge or four self-propelled class-60 ferries. Can construct floating bridges or ferries from amphibious bridge components in the following combinations:

(1) One 143.8-meter class-60 floating bridge, or

(2) Two 79.8-meter class-60 floating bridge, or

(3) Four 47.8-meter class-60 ferries.

b. When equipped with M4T6 or class-60 bridging equipment, can erect—

(1) The M4T6 bridge, which provides up to 170.6 meters of class-50 floating bridge or eight class-50 rafts. Bridge components may also be used to construct short, fixed spans.

(2) The class-60 bridge, which provides up to 164.5 meters of class-60 floating bridge, or four four-float (reinforced) rafts, or four five-float rafts, or combinations of bridges and rafts.

c. Provides armored vehicle launched bridging equipment capable of passing class-60 loads over wet or dry gaps up to 18.3 meters in width for four assault crossing sites.

d. Provides light stream-crossing equipage to support an infantry battalion in a river crossing when amphibious vehicles cannot be used, are not available, or river conditions preclude use of mobile amphibious bridge or ferry vehicles, as follows:

(1) Assault boats (18) and reconnaissance boats (12) to carry one infantry company by waterborne assault.

(2) Light tactical bridge equipage with the following options:

(a) Two class-12 ferries, or

(b) One class-12 bridge 31.4 meters long, or

(c) Eight pontoons powered by outboard motors to be used as storm boats for assault crossings of infantry companies.

e. Provides organizational maintenance for organic engineer equipment and wheeled and tracked vehicles.

Mobility. One hundred percent mobile in organic vehicles.

Strength.

a. Level 1: Off 5 WO 0 EM 146 Aggr 151
b. Level 2: Off 4 WO 0 EM 137 Aggr 141
c. Level 3: Off 3 WO 0 EM 121 Aggr 124

Summary of equipment. See table 2–8.

NOTE: TOE 5–148 will be revised to add ribbon bridge variation. All reference to support infantry driver will be deleted. TOE 5–158 will be developed to provide all bridging to the infantry division.

TOE 11–35H Sig Bn, Armd, Inf and Mech Div (1)

Mission. a. To install, operate, and maintain a division communications system for support of division-level functions, including command, control, intelligence, firepower, and combat service support.

b. To provide internal signal communications facilities for the division main, alternate, rear and support command headquarters, and three forward area signal centers.

c. To provide special staff and technical assistance for planning and control of all division communications by the division commander and staff.

d. To provide direct support communication security logistics for the division.

e. To provide photographic service (excluding airphotography and development of motion-picture file) for the division.

f. To provide logistic and signal communications equipment support for division US Air Force Air Weather Service (AWS) teams.

Assignment. a. Organic to armored division, TOE 17H.

b. Organic to infantry division, TOE 7H.

c. Organic to mechanized division, TOE 37H.

Capabilities. a. Provides a multichannel communications system which links the division main and alternate headquarters, division artillery, support command, three brigades, air defense artillery battalion, division aviation elements, and three forward area signal centers.

b. Provides telecommunications centers (TCC) for the division main, alternate, rear, and support command headquarters, and support of other units located in the vicinity of these headquarters.

c. Provides three area signal centers in the forward areas of the division zone of operations.

d. Provides for limited installation, maintenance, and recovery of division field wire/cable circuits and installation of local telephone circuits.

e. Provides secure radio teletypewriter stations at the division main, alternate, and rear headquarters, support command, three brigades, and three forward area signal centers for operation in the division RATT nets.

f. Provides division motor messenger service to major subordinate commands.

g. Provides ground still and motion picture photography for the division, and operation of mobile photography laboratory.

h. Provides direct support communications security (COMSEC) logistics for the division.

i. Provides radio wire integration (RWI) stations at the division main and alternate headquarters, support command, and three forward area signal centers for FM radio access to the division multichannel communications system.

j. Provides manual central office telephone and teletypewriter facilities for switching trunk and local subscriber circuits at the division main, alternate, and rear headquarters, support command, and three forward area signal centers.

k. Provides secure FM voice radio terminals and AM/SSB (CW/voice) radio terminals at the division main, alternate, and rear headquarters for operation in the division radio nets.

l. Provides facsimile terminals at the division main and alternate headquarters.

m. Provides logistic support and equipment for the division US Air Force AWS elements.

n. This unit is dependent upon appropriate elements of the division for personnel services and finance services, for unit-level medical support, supplemental transportation, area chaplain support, and TOE 11—500 teams or higher echelon elements for processing of motion picture film.

o. This unit provides organizational maintenance for all organic equipment and direct support maintenance for organic communications-electronics equipment.

Mobility. Mobility of units organic to this battalion is included in appropriate component TOE extracts.

Strength.

a.	Level 1:	Off 25	WO 4	EM 582	Aggr 611
b.	Level 2:	Off 25	WO 4	EM 531	Aggr 560
c.	Level 3:	Off 25	WO 4	EM 463	Aggr 492

Summary of equipment. See table 2—9.

TOE 11—36H HHC, Sig Bn (10)

Mission. a. To plan, direct, and coordinate operations and training of a division signal battalion and to provide command, control, and administrative and logistic support for the battalion.

b. To provide division HQ a C-E officer, a C-E staff, and staff facilities.

c. To provide direct support COMSEC logistics for the division.

d. To provide logistic and signal communication equipment support for division USAF AWS teams.

e. To provide photographic services (except air photography and processing of motion picture film) for the division.

Assignment. Organic to signal battalion, armored, infantry, or mechanized division, TOE 11–35H.

Capabilities. a. Provides control, staff planning, and supervision of operations and training of a division signal battalion.

b. Provides division C-E officer with communication staff planning facilities for division HQ.

c. Provides organizational maintenance for vehicles and power generators organic to the battalion, to include organizational maintenance for vehicles and power generators organic to HHC.

d. Provides unit administration, supply, and organizational maintenance for organic arms of HHC.

e. Provides direct support COMSEC logistics for the division.

f. Performs organizational and direct support maintenance for mission-essential communication equipment organic to the battalion.

g. Provides logistic signal communications support for AF AWS teams that provide air weather service to the division. (The air weather section, when provided with USAF personnel and equipment, will provide weather forecasts, briefings, and observations to the division commander and staff, and the division airfield.)

h. Provides a mobile photographic laboratory for the processing of ground and air still photographic coverage (except for processing of motion picture and color film) as required.

Mobility. One hundred percent mobile in organic vehicles.

Strength.

a. Level 1: Off 13 WO 3 EM 81 Aggr 97
b. Level 2: Off 13 WO 3 EM 74 Aggr 90
c. Level 3: Off 13 WO 3 EM 63 Aggr 79

Summary of equipment. See table 2–9.

TOE 11–37H Comd Op Co, Sig Bn (11)

Mission. a. To provide internal communication facilities for the division command echelons.

b. To provide multichannel terminals at the command echelons of division HQ.

c. To provide signal center service for units located in the vicinity of the division command echelons.

Assignment. Organic to signal battalion, armored, infantry, or mechanized division, TOE 11–35H.

Capabilities. a. Provides communication center facilities and messenger service for the various division HQ command echelons.

b. Provides two manual telephone central office sets for switching trunk and local telephone subscribed circuits.

c. Provides facsimile service.

d. Provides a radio-wire-integration facility to establish signal communications between mobile FM radio station and telephone operation facilities.

e. Provides multichannel communication system terminals at command echelons of the division and at division artillery HQ.

f. Provides three mobile secure RATT stations, single sideband continuous wave (CW) radio stations, and frequency modulated (FM) voice radio stations for operation in the division radio nets.

g. Provides wire installation teams to install local telephone circuits at the command echelons of the division.

h. Performs organizational maintenance on organic arms, vehicles, power generators, and multichannel and telephone communication equipment.

i. Provides a mess facility for 24-hour opera-

tion, to include mess support for the battalion HHC.

j. Depends on the signal support operations company, organic to the division signal battalion, for installation of cable circuits between multichannel communication system terminals and CP's.

Mobility. Eighty-five percent mobile in organic vehicles.

Strength.

a. Level 1: Off 4 WO 1 EM 193 Aggr 198
b. Level 2: Off 4 WO 1 EM 175 Aggr 180
c. Level 3: Off 4 WO 1 EM 154 Aggr 159

Summary of equipment. See table 2–9.

TOE 11–38H Fwd Comm Co, Sig Bn (11)

Mission. a. To provide area signal centers in the forward areas of the division zone of operation.

b. To provide multichannel communication terminals and radio teletypewriter stations at each brigade headquarters.

Assignment. Organic to signal battalion, armored, infantry, or mechanized division, TOE 11–35H.

Capabilities. a. Operates three area signal centers, which provide—

(1) Secure teletypewriter terminal facilities and limited motor messenger service to units in the area.

(2) A RATT station for operation in a division net.

(3) Division telephone switchboard service for supported units in the area.

(4) A radio-wire-integration facility to connect mobile FM radio stations in the area to the division net.

(5) Multichannel communications terminals at each brigade for operation in the division multichannel communications system.

(6) Multichannel communication facilities to terminate the division multichannel communication systems at the command echelons of three brigades.

(7) Secure RATT stations at each brigade headquarters for operation in the division RATT nets.

b. Performs organizational maintenance on organic arms, vehicles, and power generators. (Organizational maintenance of other categories of communication equipment will be performed by maintenance personnel assigned to the battalion maintenance section (TOE 11–36H).)

c. Provides mess facilities for 24-hour operation.

Mobility. Ninety-five percent mobile in organic vehicles.

Strength.

a. Level 1: Off 4 WO 0 EM 159 Aggr 163
b. Level 2: Off 4 WO 0 EM 148 Aggr 152
c. Level 3: Off 4 WO 0 EM 129 Aggr 133

Summary of equipment. See table 2–9.

TOE 11–39H Spt Op Co, Sig Bn (11)

Mission. a. To provide communication facilities for DISCOM HQ and the rear echelon of division HQ.

b. To provide signal center service to units located in the vicinity of DISCOM HQ and division rear echelon.

c. To provide field cable construction and multichannel communication terminals and repeater stations in support of other units of the division signal battalion.

Assignment. Organic to signal battalion, armored, infantry, or mechanized division, TOE 11–35H.

Capabilities. a. A DISCOM HQ signal center provides—

(1) A secure radio teletypewriter station for operation in division radio nets.

(2) Division telephone switchboard service for supported units in the area.

(3) A radio-wire-integration facility to provide telephone and teletypewriter circuits from DISCOM to division command echelons and forward areas.

b. A division rear echelon signal element provides—

(1) A radio teletypewriter station for operation in the division radio net.

(2) Division telephone switchboard service for supported units in the area.

(3) A RATT station in a division net.

c. Installs, maintains, and recovers field cable circuits from division command echelons to major subordinate units and from multichannel communication terminals to CP's, as directed.

d. Provides multichannel communications terminals at the air defense artillery, aviation, and engineer battalions, and repeaters to augment the division communications system, as directed.

e. Performs organizational maintenance on organic arms, vehicles, power generators, and telephone equipment. (Organizational maintenance of other categories of organic communication equipment will be performed by signal maintenance personnel assigned to HHC (TOE 11—36H).)

f. Provides mess facilities for 24-hour operation.

Mobility. Ninety-eight percent mobile in organic vehicles.

Strength.

a. Level 1: Off 4 WO 0 EM 149 Aggr 153
b. Level 2: Off 4 WO 0 EM 134 Aggr 138
c. Level 3: Off 4 WO 0 EM 117 Aggr 121

Summary of equipment. See table 2—9.

TOE 19—27H MP Co, Armd, Inf, and Mech Divs (8)

Mission. To provide military police combat support to armored, infantry, and mechanized division.

Assignment. a. Organic to armored division, TOE 17H.

b. Organic to infantry division, TOE 7H.

c. Organic to mechanized division, TOE 37H.

Capabilities. a. Provides a provost marshal section to division HQ.

b. Provides circulation control of vehicular traffic (including convoys), refugees, and individuals as well as populace and resources control and control of lines of communication.

c. Establishes motor patrols, circulation and control posts, tactical control points, or combinations thereof, in support of division operations.

d. Provides route reconnaissance, convoy escort, and security of high priority shipment and movements.

e. Provides security to division main and forward command posts as well as personal security for designated personnel.

f. Conducts military police investigations and institutes crime prevention measures within the division.

g. Operates a central prisoner of war and civilian internee collecting point and forward collecting points for up to two of the committed brigades.

h. Provides security of prisoners of war and civilian internees during evacuation from forward collecting points to the central division collecting point.

i. Provides temporary detention for US mili-

tary prisoners pending further transfer to corps or to COMMZ.

j. Participates in combined and joint police operations.

k. Provides support in the maintenance of law, order, and discipline in the combat zone through the enforcement of command directives and policies.

Mobility. Sixty-eight percent mobile in organic vehicles.

Strength.

a. Level 1: Off 9 WO 0 EM 182 Aggr 191
b. Level 2: Off 8 WO 0 EM 164 Aggr 172
c. Level 3: Off 8 WO 0 EM 145 Aggr 153

Summary of equipment. See table 2—1.

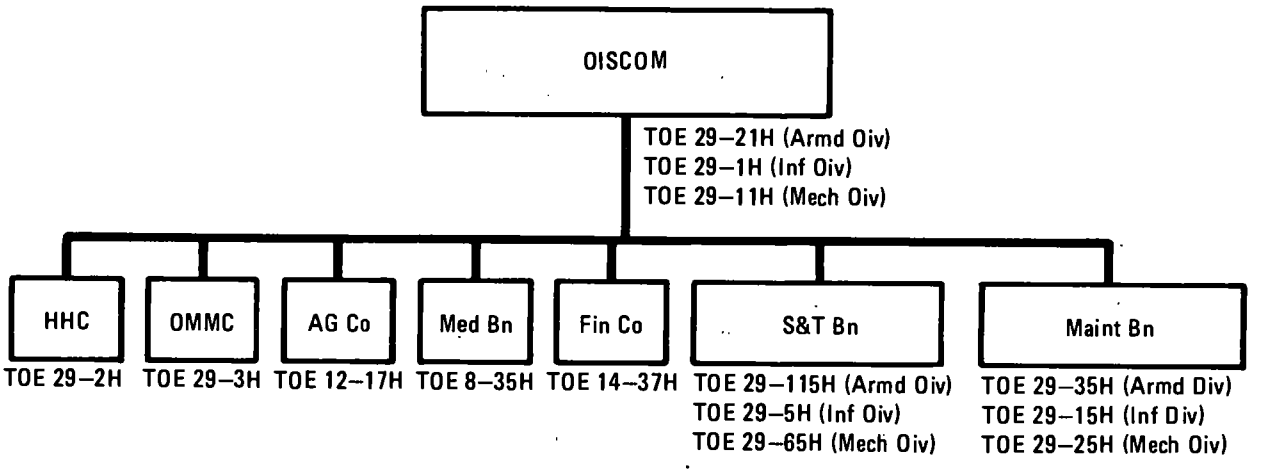


Figure 2—3. Support command, armored, infantry, and mechanized divisions.

TOE 29—21H Armd Div DISCOM (No change)

TOE 29—1H Inf Div DISCOM (No change)

TOE 29—11H Mech Div DISCOM (No change)

Mission. To provide division-level combat service support (except COMSEC equipment, construction, and water supply) to all organic and attached elements of the division.

Assignment. a. Organic to armored division, TOE 17H.

b. Organic to infantry division, TOE 7H.

c. Organic to mechanized division, TOE 37H.

Capabilities. a. Provides division-level logistic support of classes I, II, III, IV, VI, VII, VIII, and IX supplies, excluding water supply and COMSEC material.

b. Provides direct support maintenance (except medical and COMSEC equipment) for all materiel organic to the division.

c. Furnishes music for division functions.

d. Provides division-level medical support to the division and attached troops to include:

(1) Establishment and operation of clearing stations.

(2) Ambulance evacuation.

(3) Emergency dental treatment.

(4) Optometric services.

(5) Mental health out-patient consultant services.

(6) Preventive medicine environmental health services.

(7) Physician coverage at aid stations, as required.

(8) Medical supply.

(9) Organizational maintenance for medical equipment.

e. Provides adjutant general and finance services.

f. Provides ADP support for division logistics and personnel activities.

g. Controls issue of class V supplies.

h. Furnishes combat service support information and advice to the division commander and his staff, except for construction, COMSEC materiel, and water supply.

i. Possesses a limited capability to carry reserve supplies.

j. Provides map supply service.

k. Plans and conducts rear area protection activities within its assigned areas of responsibility.

Mobility. Mobility of units organic to the DISCOM is included in appropriate component TOE extracts.

Strength.

29—21H

a. Level 1:	Off 163	WO 46	EM 2,292	Aggr 2,501
b. Level 2:	Off 157	WO 44	EM 2,165	Aggr 2,366
c. Level 3:	Off 147	WO 43	EM 1,994	Aggr 2,184

29—1H

a. Level 1:	Off 163	WO 47	EM 2,085	Aggr 2,295
b. Level 2:	Off 157	WO 45	EM 2,161	Aggr 2,161
c. Level 3:	Off 147	WO 44	EM 1,794	Aggr 1,985

29—11H

a. Level 1:	Off 163	WO 46	EM 2,241	Aggr 2,450
b. Level 2:	Off 157	WO 44	EM 2,120	Aggr 2,321
c. Level 3:	Off 147	WO 43	EM 1,956	Aggr 2,146

Summary of equipment. See table 2—10.

TOE 29—2H HHC DISCOM, Armd, Inf and Mech Div (11)

Mission. a. To command and control DISCOM organic and attached units.

b. To furnish automatic data processing support to assist in accomplishing the logistic and personnel administrative functions of the DISCOM.

Assignment. a. Organic to support command, armored division, TOE 29—21H.

b. Organic to support command, infantry division, TOE 29—1H.

c. Organic to support command, mechanized division, TOE 29—11H.

Capabilities. a. Commands and controls DISCOM organic and attached units.

b. Plans, directs, and supervises combat service support (except communication security, construction, and water supply) for the division and other designated forces.

c. Provides combat service support information and advice to the division commander and his staff, except for COMSEC, construction, and water supply.

d. Exercises administrative control over ammunition supply for the division and attached units.

e. Plans, coordinates, and supervises rear area protection activities in its assigned area of responsibility.

f. Provides operational automatic data processing support for logistic and personnel administrative functions of supported units.

g. Performs organizational maintenance on organic equipment (except radios) and on wheeled vehicles of the finance company.

h. Depends on the AG company for personnel services and on the finance company for finance services.

Mobility. Fifty percent mobile in organic vehicles.

Strength.

a. Level 1:	Off 17	WO 3	EM 79	Aggr 99
b. Level 2:	Off 16	WO 2	EM 74	Aggr 92
c. Level 3:	Off 14	WO 2	EM 70	Aggr 86

Summary of equipment. See table 2—10.

TOE 29—3H DMMC (See page 32)
TOE 12—17H AG Co, DISCOM

Mission. a. To provide centralized personnel and administrative support services, less finance service, to all personnel and units assigned or attached to the division.

b. To promote and maintain the morale and esprit de corps of troops by providing suitable music for military formations, light concerts, and recreational activities.

c. To provide an element of division HQ rear echelon.

Assignment. a. Organic to support command, armored division, TOE 29—21H.

b. Organic to support command, infantry division, TOE 29—1H.

c. Organic to support command, infantry division (mechanized), TOE 29—11H.

Capabilities. a. Provides centralized personnel and administrative support for personnel and units assigned or attached to a division of approximately 16,250 troops.

b. Provides logistic support of and plans for tactical security of the elements assigned to the company.

c. Provides flexible support to detached maneuver battalions through forming forward area support teams.

d. Provides the following types of music.

(1) Military.

(2) Dance (one dance band and one combo).

(3) Miscellaneous (radio/TV small music combinations and stage shows).

Mobility.

a. This unit is authorized approximately 37,300 pounds (3,350 cubic feet) of TOE equipment requiring transportation. Non-TOE equipment and supplies constitute approximately 46,200 (4,950 cubic feet).

b. On a move to a new location using one lift by organic assets, this unit can move approximately 42 personnel and 51,000 pounds (4,700 cubic feet) of equipment and supplies.

Strength.

a. Level 1:	Off 12	WO 6	EM 263	Aggr 276
b. Level 2:	Off 12	WO 6	EM 251	Aggr 252
c. Level 3:	Off 10	WO 6	EM 230	Aggr 225

Summary of equipment. See table 2—10.

TOE 14—37H Fin Co DISCOM

Mission. To provide finance services to all units assigned or attached to the division.

Assignment. a. Organic to support command, armored division, TOE 29—21H.

b. Organic to support command, infantry division, TOE 29—1H.

c. Organic to support command, mechanized division, TOE 29—11.

Capabilities. a. Provides JUMPS—Army finance services to all personnel and units assigned

or attached to the division, to include military pay, travel pay, travel pay, quality assurance/edit, and financial disbursing.

b. Forms area support teams to provide finance services to divisional elements located in outlying areas as required.

c. Supports approximately 16,250 troops.

Mobility.

a. This unit is authorized approximately 43,100 pounds (17,000 cubic feet) of TOE equipment requiring transportation. Non-TOE equipment and supplies constitute approximately 56,700 pounds (3,800 cubic feet).

b. On a move to a new location using one lift by organic assets, the unit can move approximately 10 personnel and 6,000 pounds (500 cubic feet) of equipment and supplies.

Strength.

a. Level 1: Off 6 WO 0 EM 82 Aggr 88
b. Level 2: Off 6 WO 0 EM 78 Aggr 84
c. Level 3: Off 6 WO 0 EM 72 Aggr 78

Summary of equipment. See table 2–10.

TOE 8–35H Med Bn (No change)

Mission. To provide division-level medical support and unit-level medical support, as required, for all assigned and attached elements of the division.

Assignment. a. Organic to support command, armored division, TOE 29–21H.

b. Organic to support command, infantry division, TOE 29–1H.

c. Organic to support command, mechanized division, TOE 29–11H.

Capabilities. a. Operates division clearing stations with a limited short-term holding capacity.

b. Provides patient evacuation.

c. Provides emergency dental treatment.

d. Provides mental health consultation and initial psychiatric management.

e. Provides optometric service.

f. Provides unit-level medical support, as required, on an area basis.

g. Provides medical supply service and organizational maintenance of medical equipment.

Mobility. One hundred percent mobile in organic vehicles.

Strength.

a. Level 1: Off 58 WO 1 EM 331 Aggr 390
b. Level 2: Off 54 WO 1 EM 298 Aggr 353
c. Level 3: Off 50 WO 1 EM 251 Aggr 302

Summary of equipment. See table 2–11.

TOE 8–36H HQ & Spt Co, Med Bn (10)

Mission. a. To provide command, control, administration, and logistic support for the medical battalion and to plan for its employment.

b. To provide division-level and unit-level medical support, as required, on an area basis to divisional units operating in the division rear area.

c. To advise the division commander and staff concerning the health of the command and to provide supervision of all medical activities in the division.

Assignment. Organic to medical battalion, armored, infantry, or mechanized division, TOE 8–35H.

Capabilities. a. Provides command, control, administration, and supervision of and planning for division-level and unit-level medical support rendered by elements of the medical battalion and attached units.

b. Provides division-level medical supply support and performs organizational medical equipment maintenance for units organic or attached to the division.

c. Provides advice to the division commander and staff concerning the health of the command and the command aspects of medical matters affecting combat effectiveness and combat operations.

d. Provides staff supervision, to include technical control, of all medical support activities in the division.

e. Conducts programs of prevention in the areas of medicine, mental health, and dentistry.

f. Provides optometric service and presurfaced single-vision prescription fabrication and repair services for units organic or attached to the division.

g. Provides intradivisional transport of medical supplies and equipment.

h. Receives, sorts, and temporarily provides medical and surgical treatment for 40 patients.

i. Provides emergency dental treatment.

j. Provides mental health consultation and initial psychiatric management.

k. Evacuates patients from supported unit aid stations.

l. Furnishes unit-level medical support on an area basis to divisional units having no organic medical element.

m. Serves as a unit replacement, when necessary, for one of the medical companies supporting a brigade.

n. Individuals of this unit are provided weapons for personal defense and for protection of the wounded and sick in their charge.

o. Performs organizational maintenance on organic equipment.

p. Operates on a two-shift basis.

Mobility. One hundred percent mobile in organic vehicles.

Strength.

a. Level 1:	Off 28	WO 1	EM 115	Aggr 144
b. Level 2:	Off 27	WO 1	EM 106	Aggr 134
c. Level 3:	Off 26	WO 1	EM 89	Aggr 116

Summary of equipment. See table 2—11.

TOE 8–37H Med Co, Med Bn (9)

Mission. To provide division-level and unit-level medical support, as required, on an area basis to divisional units operating in the brigade area.

Assignment. Organic to medical battalion, armored, infantry, or mechanized division, TOE 8—35H.

Capabilities. a. Provides emergency dental treatment.

b. Receives, sorts, and temporarily provides medical and surgical treatment for 40 patients.

c. Provides mental health consultation and initial psychiatric management.

d. Evacuates patients from supported unit aid stations.

e. Furnishes unit-level medical support on an area basis to divisional units having no organic medical element.

f. Provides intradivisional transport of medical supplies and equipment.

g. Clearing station and evacuation elements must be augmented when the company is required to support more than five combat battalions.

h. Individuals of this unit are provided weapons for personal defense and for protection of the wounded and sick in their charge.

i. Performs organizational maintenance on organic equipment, less medical.

j. Operates on a two-shift basis.

Mobility. Ninety-five percent mobile in organic vehicles.

Strength.

a. Level 1:	Off 10	WO 0	EM 72	Aggr 82
b. Level 2:	Off 9	WO 0	EM 64	Aggr 73
c. Level 3:	Off 8	WO 0	EM 54	Aggr 62

Summary of equipment. See table 2—11.

TOE 29—3H DMMC, Spt Cmd Armd, Inf and Mech Div.

Mission. To provide materiel (supply and maintenance) management for all division materiel less class VIII, communications security equipment, rail mission-type equipment, and classified maps.

Assignment. Organic to Support Command, Armored Division, TOE 29—21; Infantry Division, TOE 29—1; or Infantry Division (Mechanized) TOE 29—11.

Capabilities. a. At level 1, this unit:

(1) Provides materiel (supply and maintenance) management for classes I (includes water distribution), II (includes unclassified map supply), III, IV, V, VI, VII, and IX supplies, less communications security equipment, rail mission-type equipment and classified maps.

(2) Determines requirements for, develops and exercises technical supervision over:

(a) Division Authorized Stockage Lists (ASL) and Prescribed Load Lists (PLL), including PLL of units that incorporate aircraft Integrated Direct Support Maintenance (IDSM).

(b) Division operational readiness items lists.

(3) Procures and directs the distribution of all division supplies for which the center is responsible.

(4) With ADP support provided by the division data center:

(a) Manages the division master property records and maintains the division property book.

(b) Maintains the Army equipment status reporting data and manages the Army equipment status reporting system for the division.

(c) Manages the division class IX (repair parts) supply system to include development, approval, and maintenance of ASL and PLL.

(5) Manages the division class II supply system to include development, approval, and maintenance of class II direct support ASL.

(6) Determines ASL mobility requirements.

(7) Operates an integrated division maintenance management information program and keeps the division staff, the division support command staff, and the maintenance battalion commander and his staff informed on the status of maintenance, maintenance problems, maintenance requirements, and unit materiel readiness in the division.

(8) Operates on a 24-hour basis.

b. This unit is not adaptable to type B organization.

c. Augmentation increases the capabilities of this unit to the extent provided by the augmentation personnel and equipment.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

e. This unit is capable of performing organizational maintenance on organic equipment except communications-electronics equipment and ADP/EAM.

f. This unit is dependent upon:

(1) Appropriate elements of the division for medical, finance, religious and personnel administration services.

(2) Signal Battalion, TOE 11—35, for external teletypewriter, telephone, radio teletypewriter support, and messenger services.

(3) Division Data Center of Headquarters and Headquarters Company, Support Command, TOE 29—2, for ADP support (less data reduction) and maintenance of ADPE/EAM.

(4) Headquarters and Headquarters Company, Support Command, TOE 29—2, for unit mess and organizational maintenance supervision and facilities. When a separate mess or motor pool is to be operated, the augmentation personnel and equipment identified in paragraph 14 must be authorized by MTOE under the provisions of AR 310—49.

Basis of allocation. One per Support Command, Armored Division, TOE 29—21; Infantry Division, TOE 29—1; or Infantry Division (Mechanized), TOE 29—11.

Category. II.

Mobility. a. This unit is authorized by TOE 136 personnel and approximately 28,600 pounds (600 cubic feet) of equipment requiring transportation. Non-TOE equipment and supplies constitute approximately 16,100 pounds (650 cubic feet).

b. On a move to a new location using one lift by organic assets, the unit can move approximately 13 personnel and 11,000 pounds (1000 cubic feet) of equipment and supplies.

c. All equipment is transportable in US Air Force aircraft.

Strength.

a.	Level 1:	Off 15	WO 12	EM 109	Aggr 136
b.	Level 2:	Off 15	WO 11	EM 99	Aggr 125
c.	Level 3:	Off 15	WO 10	EM 86	Aggr 111

Summary of equipment. See table 2—10.

TOE 29—115H S&T Bn, DISCOM, Armd Div (No change)

TOE 29—5H S&T Bn, DISCOM, Inf Div (No change)

TOE 29—65H S&T Bn, DISCOM, Mech Div (No change)

Mission. a. To support the division and attached units by providing all classes of supply; except classes V, VIII, IX, and X and those associated with communication security equipment, marine- and rail-peculiar equipment, and items peculiar to airdrop.

b. To provide graves registration service, clothing exchange, and bath service, when augmented; classification and disposal of unserviceable equipment; and map supply service.

c. To provide and operate ground transportation to provide for unit distribution of the supplies for which the unit is responsible and to supplement means available to other elements of the division.

d. To maintain and transport the division reserve of supplies.

Assignment. a. Organic to support command, armored division, TOE 29—21H.

b. Organic to support command, infantry division, TOE 29—1H.

c. Organic to support command, mechanized division, TOE 29—11H.

Capabilities. a. Provides all classes of supplies to the division and attached units, except class V, VIII, IX, and X and those associated with COMSEC equipment, marine- and rail-peculiar equipment, and items peculiar to airdrop.

b. Provides ground transportation for unit distribution of the classes of supply for which the unit is responsible and to supplement transportation available to organic elements of the division.

c. Provides transportation for moving the division reserve supplies for which the unit is responsible.

d. Provides bath and clothing exchange and graves registration services, when augmented.

e. Provides map supply service to the division and attached units.

f. Supervises operation of unit exchanges.

g. Provides limited purchasing and contracting services.

h. Advises the units of the division on food service matters.

i. Provides salvage service for abandoned materiel and supplies of all types, except for toxic gases, ammunition, explosives, motor vehicles, aircraft, and certain signal equipment.

Mobility. Mobility of units organic to this battalion is included in appropriate component TOE extracts.

Strength.

29—115H

a.	Level 1:	Off 19	WO 2	EM 355	Aggr 376
b.	Level 2:	Off 19	WO 2	EM 329	Aggr 350
c.	Level 3:	Off 19	WO 2	EM 299	Aggr 320

29—5H

a.	Level 1:	Off 19	WO 2	EM 317	Aggr 338
b.	Level 2:	Off 19	WO 2	EM 290	Aggr 311
c.	Level 3:	Off 19	WO 2	EM 251	Aggr 272

29—65H

a.	Level 1:	Off 19	WO 2	EM 345	Aggr 366
b.	Level 2:	Off 19	WO 2	EM 318	Aggr 339
c.	Level 3:	Off 19	WO 2	EM 290	Aggr 311

Summary of equipment. See table 2—11.

TOE 29—6H HHC, S&T Bn (11)

Mission. To provide command, administration, and technical supervision for the supply and transport battalion.

Assignment. a. Organic to supply and transport battalion, armored division, TOE 29—115H.

b. Organic to supply and transport battalion, infantry division, TOE 29—5H.

c. Organic to supply and transport battalion, mechanized division, TOE 29—65H.

Capabilities. a. Provides the command element for the supply and transport battalion.

b. Provides messing support for the supply and transport battalion in two locations.

c. Provides the DISCOM commander and his staff advice on supply and service matters.

d. Determines requirements for; procures; and directs the receipt, temporary storage, and distribution of supplies and equipment received by the division, less classes V, VIII, IX, and X, COMSEC equipment, airdrop supplies, automatic data processing equipment, and classified maps.

e. Exercises technical supervision over supply and service training throughout the division.

f. Plans and supervises the following service functions:

(1) Bath service and clothing exchange (when authorized).

(2) Graves registration service (when authorized).

(3) Operation of unit exchanges.

(4) Purchasing and contracting.

(5) Food service.

(6) Map supply service.

(7) Salvage service for abandoned materiel and supplies, except for toxic gases, ammunition, explosives, aircraft, and certain signal equipment.

g. Maintains, with automatic data processing support provided by the division data center, the division property book and Army equipment status reporting data.

Mobility. Sixty percent mobile in organic vehicles.

Strength.

a.	Level 1:	Off 9	WO 0	EM 36	Aggr 45
b.	Level 2:	Off 9	WO 0	EM 35	Aggr 44
c.	Level 3:	Off 9	WO 0	EM 32	Aggr 41

Summary of equipment. See table 2—11.

TOE 55–87H TMT Co, S&T Bn, Armd Div (9)

TOE 55–88H TMT Co S&T Bn, Inf Div (11)

TOE 55–84H TMT Co S&T Bn, Mech Div (10)

Mission. a. To provide transportation for unit distribution of all classes of supply, except class V.

b. To transport the division reserve supplies for which the unit is responsible.

c. To furnish vehicles required for displacing division HQ and divisional administrative elements and to supplement means available to other elements of the division.

Assignment. a. Organic to supply and transport battalion, armored division, TOE 29—115H.

b. Organic to supply and transport battalion, infantry division, TOE 29—5H.

c. Organic to supply and transport battalion, mechanized division, TOE 29—65H.

Capabilities. a. Based on 75 percent vehicle availability, has capability of transporting the following:

(1) Armored division:

	Single lift	*Shuttle*
Cargo, short tons	270	360
POL, gallons	119,550	119,550

(2) Infantry division:

	Single lift	*Shuttle*
Cargo, short tons	270	360
POL, gallons	74,250	74,250

(3) Mechanized division:

	Single lift	*Shuttle*
Cargo, short tons	270	360
POL, gallons	104,550	104,550

b. Can provide transportation for two 10-hour shifts on a 24-hour basis, when augmented.

c. Performs organizational maintenance on organic equipment.

Mobility. One hundred percent mobile in organic vehicles and 100 percent air transportable.

Strength.

55—87H

a. Level 1: Off 5 WO 1 EM 196 Aggr 202
b. Level 2: Off 5 WO 1 EM 180 Aggr 186
c. Level 3: Off 5 WO 1 EM 166 Aggr 172

55—88H

a. Level 1: Off 5 WO 1 EM 158 Aggr 164
b. Level 2: Off 5 WO 1 EM 141 Aggr 147
c. Level 3: Off 5 WO 1 EM 118 Aggr 124

55—84H

a. Level 1: Off 5 WO 1 EM 186 Aggr 192
b. Level 2: Off 5 WO 1 EM 169 Aggr 175
c. Level 3: Off 5 WO 1 EM 157 Aggr 163

Summary of equipment. See table 2—11.

TOE 10–7H S&S Co, S&T Bn (11)

Mission. a. To support the division and attached units by providing class I, II, IV, VI, and VII supplies, except aircraft and COMSEC equipment.

b. To classify and dispose of unserviceable equipment, provide unclassified map supply, and operate a central issue facility.

c. To provide and maintain the division reserve supplies for which the unit is responsible.

d. To provide clothing exchange, bath, and graves registration services when authorized augmentation.

Assignment. Organic to:

a. Supply and transport battalion, infantry division, TOE 29—5.

b. Supply and transport battalion, mechanized division, TOE 29—65.

c. Supply and transport battalion, armored division, TOE 29—115.

Capabilities. At level 1, this unit—

a. Operates the division distribution points.

b. Receives from supporting services, provides temporary storage, and issues class I, II, IV, VI, and VII supplies, except aircraft and COMSEC equipment. Organic battalion transportation is employed to provide unit distribution of these supplies.

c. Provides temporary storage for class III supplies and, under direction of the division supply office, controls and supervises the operation of division class III transfer and distribution points; the unit distribution of class III supplies; and limited operation of mobile filling stations.

d. Provides salvage service for abandoned medical materiel, aircraft, COMSEC equipment, materiel and supplies of all types except toxic agents, ammunition, and explosives.

e. Provides a central issue facility for the stockage, issue, exchange, inspection, and turn-in of organizational clothing and equipment.

Mobility. One hundred percent mobile in organic vehicles.

Strength.

a. Level 1:	Off 5	WO 1	EM 123	Aggr 129
b. Level 2:	Off 5	WO 1	EM 114	Aggr 120
c. Level 3:	Off 5	WO 1	EM 101	Aggr 107

Summary of equipment. See table 2–11.

TOE 29–35H Maint Bn, DISCOM, Armd Div (No change)

TOE 29–15H Maint Bn, DISCOM, Inf Div (2)

TOE 29–25H Maint Bn, DISCOM, Mech Div (No change)

Mission. To provide direct support maintenance for all divisional equipment, except for medical, COMSEC, airdrop items, missile-peculiar items, and light textiles.

Assignment. a. Organic to support command, armored division, TOE 29–21H.

b. Organic to support command, infantry division, TOE 29–1H.

c. Organic to support command, mechanized division, TOE 29–11H.

Capabilities a. Performs direct support maintenance on all authorized divisional equipment, except for medical, COMSEC, airdrop items, missile-peculiar items, and light textiles, for an armored, infantry, or mechanized division.

b. Provides technical supervision over the conduct of maintenance functions throughout the division.

c. Provides repair parts support for divisional equipment (less medical and COMSEC).

d. Maintains an operational readiness float of selected items.

e. Provides limited vehicular recovery assistance to supported units.

f. Can perform organizational maintenance on organic equipment.

g. Provides direct exchange service for selected items.

Mobility. One hundred percent mobile in organic vehicles.

Strength.

29–35H

a. Level 1:	Off 33	WO 23	EM 1,060	Aggr 1,116
b. Level 2:	Off 33	WO 23	EM 1,036	Aggr 1,092
c. Level 3:	Off 33	WO 23	EM 987	Aggr 1,043

29–15H

a. Level 1:	Off 33	WO 24	EM 891	Aggr 948
b. Level 2:	Off 33	WO 24	EM 896	Aggr 926
c. Level 3:	Off 33	WO 24	EM 835	Aggr 892

29–25H

a. Level 1:	Off 33	WO 23	EM 1,019	Aggr 1,075
b. Level 2:	Off 33	WO 23	EM 1,002	Aggr 1,058
c. Level 3:	Off 33	WO 23	EM 958	Aggr 1,014

Summary of equipment. See table 2–12.

TOE 29–36H HQ & Lt Maint Co, Maint Bn, Armd Div (10)

TOE 29–16H HQ & Lt Maint Co, Maint Bn, Inf Div (11)

TOE 29–26H HQ & Lt Maint Co, Maint Bn, Mech Div (10)

Mission a. To provide command, administration, and technical supervision of the maintenance battalion.

b. To provide direct support electronics equipment maintenance on communication and repair parts supply service to those elements of the division not located in the forward portion of the division area, a base of supply for the maintenance battalion, and supplementary support for the three forward support companies (less medical and COMSEC).

Assignment. a. Organic to maintenance battalion, armored division, TOE 29–35H.

b. Organic to maintenance battalion, infantry division, TOE 29–15H.

c. Organic to maintenance battalion, mechanized division, TOE 29–25H.

Capabilities. a. Maintains an operational readiness float of selected items.

b. Plans and directs all direct support maintenance for all equipment of the division, except for COMSEC, airdrop items, missile-peculiar items and light textiles.

c. Provides direct support electronic equipment maintenance, except for missile systems, for those elements of the division not located in the forward portion of the division area. When required, provides supplementary maintenance support to the forward support companies.

d. Receives, stores, and issues repair parts for all equipment of the division, except medical, COMSEC, missile, aircraft, avionics, and aircraft armament.

e. Provides technical supervision over the conduct of maintenance functions throughout the division.

f. Operates a direct exchange service for selected items.

g. Provides, through the technical supply office with automatic data processing equipment, centralized management for all repair parts within the division, except medical and COMSEC.

h. Performs organizational maintenance on organic equipment.

Mobility. Eighty-five percent mobile in organic vehicles.

Strength.

29–36H

a. Level 1:	Off 13	WO 1	EM 93	Aggr 107
b. Level 2:	Off 13	WO 1	EM 90	Aggr 104
c. Level 3:	Off 13	WO 1	EM 83	Aggr 97

29–16H

a. Level 1:	Off 13	WO 1	EM 91	Aggr 105
b. Level 2:	Off 13	WO 1	EM 88	Aggr 102
c. Level 3:	Off 13	WO 1	EM 85	Aggr 99

29–26H

a. Level 1:	Off 13	WO 1	EM 92	Aggr 106
b. Level 2:	Off 13	WO 1	EM 89	Aggr 103
c. Level 3:	Off 13	WO 1	EM 83	Aggr 97

Summary of equipment. See table 2–12.

TOE 55–424H Trans Acft Maint Co, Maint Bn, Armd and Mech Div (10)

TOE 55–89H Trans Acft Maint Co, Maint Bn, Inf Div (10)

Mission. To provide direct support aircraft maintenance and aircraft-peculiar repair parts supply to using units of the division.

Assignment. a. Organic to maintenance battalion, armored division, TOE 29–35H.

b. Organic to maintenance battalion, infantry division, TOE 29–15H.

c. Organic to maintenance battalion, mechanized division, TOE 29–25H.

Capabilities. a. Provides 4,050 productive man-hours per month for direct support maintenance on Army rotary wing aircraft organic to the armored and mechanized divisions.

b. Provides 6,075 productive man-hours per

month for direct support maintenance on Army rotary wing aircraft organic to the infantry division, operating on a two-shift basis.

c. Provides contact teams for onsite repair of downed aircraft or preparing the downed aircraft for evacuation by medium- or heavy-lift helicopter.

d. Provides repair parts supply for divisional aircraft, avionic equipment, and aircraft armament systems.

e. Performs organizational maintenance on organic equipment.

Mobility. One hundred percent mobile in organic vehicles.

Strength.

55–424H

a. Level 1:	Off 4	WO 5	EM 100	Aggr 109
b. Level 2:	Off 4	WO 5	EM 96	Aggr 105
c. Level 3:	Off 4	WO 5	EM 90	Aggr 99

55–89H

a. Level 1:	Off 4	WO 6	EM 179	Aggr 189
b. Level 2:	Off 4	WO 6	EM 169	Aggr 179
c. Level 3:	Off 4	WO 6	EM 148	Aggr 158

Summary of equipment. See table 2–12.

TOE 29–37H Fwd Spt Co, Maint Bn, Armd Div (10)

TOE 29–17H Fwd Spt Co, Maint Bn, Inf Div (11)

TOE 29–27H Fwd Spt Co, Maint Bn, Mech Div (9)

Mission. To provide direct support maintenance and repair parts supply service for engineer, ordnance, quartermaster, and signal equipment, except photographic, COMSEC and airdrop items, normally in a brigade and its attached units, of the division.

Assignment. a. Organic to maintenance battalion, armored division, TOE 29–35H.

b. Organic to maintenance battalion, infantry division, TOE 29–15H.

c. Organic to maintenance battalion, mechanized division, TOE 29–25H.

Capabilities. a. Provides direct support maintenance and technical assistance service to one brigade of the division.

b. Provides repair parts supply to satisfy the requirements of supported units.

c. Provides limited recovery and evacuation support.

d. Performs organizational maintenance on organic equipment.

Mobility. One hundred percent mobile in organic vehicles.

Strength.

29–37H

a. Level 1:	Off 3	WO 3	EM 173	Aggr 179
b. Level 2:	Off 3	WO 3	EM 171	Aggr 177
c. Level 3:	Off 3	WO 3	EM 166	Aggr 172

29–17H

a. Level 1:	Off 3	WO 3	EM 107	Aggr 113
b. Level 2:	Off 3	WO 3	EM 107	Aggr 113
c. Level 3:	Off 3	WO 3	EM 107	Aggr 113

29–27H

a. Level 1:	Off 3	WO 3	EM 169	Aggr 175
b. Level 2:	Off 3	WO 3	EM 168	Aggr 174
c. Level 3:	Off 3	WO 3	EM 165	Aggr 171

Summary of equipment. See table 2–12.

TOE 29–38H Hv Maint Co, Maint Bn, Armd Div (9)

TOE 29–18H Hv Maint Co, Maint Bn, Inf Div (10)

TOE 29–28H Hv Maint Co, Maint Bn, Mech Div (10)

Mission. a. To provide direct support maintenance for mechanical, armament, engineer, quartermaster, and power generation equipment of those elements of the division not supported by the forward support companies.

b. To provide direct support maintenance for chemical and refrigeration equipment for all

elements of the division.

c. To provide supplementary and backup direct support to the three forward support companies.

Assignment. a. Organic to maintenance battalion, armored division, TOE 29—35H.

b. Organic to maintenance battalion, infantry division, TOE 29—15H.

c. Organic to maintenance battalion, mechanized division, TOE 29—25H.

Capabilities. a. Provides supplementary and backup maintenance support for the forward support companies.

b. Provides limited vehicular recovery assistance to supported units, when required.

c. Performs organizational maintenance on organic equipment.

Mobility. One hundred percent mobile in organic vehicles.

Strength.

29—38H

a.	Level 1:	Off 4	WO 4	EM 235	Aggr 243
b.	Level 2:	Off 4	WO 4	EM 228	Aggr 236
c.	Level 3:	Off 4	WO 4	EM 214	Aggr 222

29—18H

a.	Level 1:	Off 4	WO 4	EM 176	Aggr 184
b.	Level 2:	Off 4	WO 4	EM 170	Aggr 178
c.	Level 3:	Off 4	WO 4	EM 166	Aggr 174

29—28H

a.	Level 1:	Off 4	WO 4	EM 204	Aggr 212
b.	Level 2:	Off 4	WO 4	EM 200	Aggr 208
c.	Level 3:	Off 4	WO 4	EM 186	Aggr 194

Summary of equipment. See table 2—12.

TOE 9—557H Msl Spt Co, Maint Bn, DISCOM, (Armd, Inf and Mech Div)

Mission. To provide system peculiar direct support maintenance and repair parts support for light air defense systems, their supporting radars, and land combat missile systems.

Assignment. Organic to the maintenance battalion, armored division, TOE 29—35, or infan-

try division, TOE 29—15, or mechanized division, TOE 29—25.

Capabilities. a. This unit:

(1) When organized under SRC 09557H510:

(a) Provides two mission elements with maintenance support capabilities as follows:

	Level 1	*Level 2*	*Level 3*
Shillelagh Missile System	27	27	27
TOW/Dragon Missile System	90/137	72/110	54/83
Chaparral Missile System	24	24	24
Vulcan LAD System	24	24	24
FAAR/TPX-50/TADDS Systems	8/8/148	8/8/148	8/8/148

(b) Provides the following annual man-hours of productive maintenance (approximate) at levels 1, 2 and 3:

	Level 1	*Level 2*	*Level 3*
Contact team, TOW/Dragon	27000	21600	16200
Contact team, Shillelagh	5400	5400	5400
Contact teams, FAAR/TPX-50/ TADDS	10800	10800	10800
Contact team, Chaparral	21600	21600	21600
Contact team, Vulcan	10800	10800	10800
Vulcan shop repair	18900	18900	18900
Chaparral shop repair	10800	10800	10800
TOW/Dragon shop repair	18900	13500	10800
Shillelagh shop repair	5400	5400	5400
FAAR/TPX-50/TADDS shop repair	10800	10800	10800
LCSS operation, test, and repair	16200	16200	16200
Test equipment repair and maintenance calibration	5400	5400	5400

(2) When organized under SRC 09557H520:

(a) Provides two mission elements with maintenance support capabilities as follows:

	Level 1	*Level 2*	*Level 3*
Shillelagh Missile System	9	9	9
TOW/Dragon Missile System	162/249	144/222	126/195
Chaparral Missile System	24	24	24
Vulcan LAD System	24	24	24
FAAR/TPX-50/TADDS System	8/8/142	8/8/142	8/8/142

(b) Provides the following annual man-hours of productive maintenance (approximate) at levels 1, 2, and 3.

	Level 1	*Level 2*	*Level 3*
Contact team, TOW/Dragon	48600	43200	37800
Contact team, Shillelagh	5400	5400	5400
Contact team, Chaparral	21600	21600	21600
Contact team, FAAR/TPX-50/ TADDS	10800	10800	10800
Contact team, Vulcan	10800	10800	10800
Vulcan shop repair	18900	18900	18900
Chaparral shop repair	10800	10800	10800
TOW/Dragon shop repair	32400	29700	24300
FAAR/TPX-50/TADDS shop repair	10800	10800	10800
LCSS operation, test, and repair	16200	16200	16200
Test equipment repair and maintenance calibration	5400	5400	5400

(c) Provides two mission elements with maintenance support capabilities as follows:

	Level 1	*Level 2*	*Level 3*
Shillelagh Missile System	27	27	27
TOW/Dragon Missile System	108/164	90/137	72/110
Chaparral Missile System	24	24	24
Vulcan LAD System	24	24	24
FAAR/TPX-50/TADDS System	8/8/142	8/8/142	8/8/142

(d) Provides the following annual man-hours of productive maintenance (approximate) at levels 1, 2, and 3:

	Level 1	*Level 2*	*Level 3*
Contact team, TOW/Dragon	32400	27000	21600
Contact team, Shillelagh	5400	5400	5400
Contact, team, FAAR/TPX-50/ TADDS	10800	10800	10800
Contact team, Chaparral	21600	21600	21600
Contact team, Vulcan	10800	10800	10800
Vulcan shop repair	18900	18900	18900
Chaparral shop repair	10800	10800	10800
TOW/Dragon shop repair	21600	18900	13500
Shillelagh shop repair	5400	5400	5400
FAAR/TPX-50/TADDS shop repair	10800	10800	10800
LCSS Operation, test and repair	16200	16200	16200
Test equipment repair and maintenance calibration	5400	5400	5400

(3) Receives, stores, and issues system peculiar class IX supplies (approximately 2,000 line items) for land combat and light air defense systems to support mission shop stock, contact teams, and user requirements.

(4) Provides direct exchange service for selected items.

(5) Provides quality assurance/quality control inspections for systems/equipment supported.

(6) Provides contact teams for on-site repair of Vulcan, Chaparral, FAAR, Shillelagh, TOW, and Dragon.

b. This unit is not adaptable to a type B organization.

c. The columns designated as levels 1 through 3 are designed to relate to the categories established by AR 220—1, *Unit Readiness.*

d. This unit is dependent upon:

(1) Appropriate elements of the division for medical, finance, chaplain and personnel administration.

(2) Headquarters and light maintenance company, TOE 29—16, TOE 29—26, or TOE 29—36 for the organizational maintenance of communication equipment and centralized management of all repair parts.

(3) Headquarters and headquarters company, support command, TOE 29—2, for supply management and control of unit authorization stockage list and prescribed load list of class IX supplies.

e. This unit performs organizational maintenance on organic equipment except radios and direct support maintenance on all system test equipment.

f. Individuals of this organization can engage in effective coordinated defense of the unit's area or installation.

g. This unit operates on a 24-hour basis.

Mobility. a. When organized under SRC 09557H510:

(1) This unit is authorized by TOE 120 personnel and 68,633 pounds (7,310 cubic feet), of equipment requiring transportation for a tactical move. Non-TOE equipment and supplies constitute approximately 67,100 pounds (2,650 cubic feet).

(2) In a tactical move, using one lift by organic vehicles and aircraft, the unit can move 92 personnel and 149,000 pounds (11,202 cubic feet) of equipment and supplies.

(3) Equipment and supplies requiring special transport which cannot be moved in the initial lift by organic vehicles and organic aircraft are as follows:

Items requiring special transport

LIN	*Item*	*Qty*
S74079	Semitrailer van 12-T	1

Transport required

LIN	*Item*	*Qty*
X59326	Truck tractor 5-T	1

(4) All equipment is transportable in US Air Force aircraft.

b. When organized under SRC 09577H520:

(1) This unit is authorized by TOE 131 personnel and 76,325 pounds (8,612 cubic feet) of equipment requiring transportation for a tactical move. Non-TOE equipment and supplies constitute approximately 68,000 pounds (2,700 cubic feet).

(2) In a tactical move, using one lift by organic vehicles and aircraft, the unit can move 100 personnel and 186,500 pounds (14,046 cubic feet) of equipment and supplies.

(3) Equipment and supplies requiring special transport which cannot be moved in the initial lift by organic vehicles and organic aircraft are as follows:

Items requiring special transport

LIN	*Item*	*Qty*
S74079	Semitrailer van 12-T	1

Transport required

LIN	*Item*	*Qty*
X59326	Truck tractor 5-T	1

(4) All equipment is transportable in US Air Force aircraft.

c. When organized under SRC 09557H530:

(1) This unit is authorized by TOE 123

personnel and 70,644 pounds (7,639 cubic feet) of equipment requiring transportation for a tactical move. Non-TOE equipment and supplies constitute approximately 67,400 pounds (2,700 cubic feet).

(2) In a tactical move, using one lift by organic vehicles and aircraft, the unit can move 91 personnel and 179,000 pounds (13,648 cubic feet) of equipment and supplies.

(3) Equipment and supplies requiring special transport which cannot be moved in the initial lift by organic vehicles and organic aircraft are as follows:

Items requiring special transport

LIN	*Item*	*Qty*
S14079	Semitrailer van 12-T	1

Transport required

LIN	*Item*	*Qty*
X59326	Truck tractor 5-T	1

(4) All equipment is transportable in US Air Force aircraft.

Strength.

a. Level 1: Off 3 WO 4 EM 113 Aggr 120
b. Level 2: Off 3 WO 4 EM 109 Aggr 116
c. Level 3: Off 3 WO 4 EM 102 Aggr 109

09557H510

Strength.

a. Level 1: Off 3 WO 4 EM 124 Aggr 131
b. Level 2: Off 3 WO 4 EM 121 Aggr 128
c. Level 3: Off 3 WO 4 EM 115 Aggr 122

09557H520

Strength.

a. Level 1: Off 3 WO 4 EM 116 Aggr 123
b. Level 2: Off 3 WO 4 EM 113 Aggr 120
c. Level 3: Off 3 WO 4 EM 104 Aggr 111

09557H530

Summary of equipment. See table 2–12.

TOE 17–105H Armd Cav Sqdn (1)

Mission. To perform reconnaissance, to provide security for the division or unit to which attached, and engage in offensive, defensive, and delaying actions as an economy of force unit.

Assignment. a. Organic to armored division, TOE 17H.

b. Organic to mechanized division, TOE 37H.

Capabilities. a. Conducts ground and air reconnaissance over wide fronts and to extended depths.

b. Collects and reports information of intelligence value, including information of nuclear targets and nuclear damage assessment, employing ground and air observation and electronic ground surveillance means.

c. Protects the flank or flanks of the division.

d. Provides security between divisional elements or between the division and adjacent units.

e. When reinforced, acts as a division covering force in offensive, defensive, and retrograde operations.

f. Supports squadron operations with organic nonnuclear fire.

g. Conducts radiological monitoring and survey.

h. Performs damage control operations and provides forces for rear area security.

i. Exploits the success of other units and the effects of mass destruction weapons.

j. Provides armed air escort for airmobile operations.

k. When suitably reinforced, conducts extended semi-independent operations.

l. Performs organizational maintenance on organic equipment.

Mobility. One hundred percent mobile in organic vehicles and aircraft.

Strength.

a. Level 1: Off 45 WO 35 EM 795 Aggr 875
b. Level 2: Off 43 WO 33 EM 794 Aggr 820
c. Level 3: Off 42 WO 31 EM 621 Aggr 694

Summary of equipment. See table 2–13.

TOE 17–106H HHT, Armd Cav Sqdn (11)

Mission. To furnish command, control, and supervision of the operations of the armored cavalry squadron and attached units.

Assignment. Organic to armored cavalry squadron, armored or mechanized division, TOE 17–105H.

Capabilities. a. Commands, controls, provides staff planning, and furnishes communications and supervision of operations.

b. Furnishes supply, transportation, organizational maintenance, and administration for organic and attached units.

c. Provides unit-level medical support to the armored cavalry squadron, to include furnishing aidmen to cavalry troops.

d. Provides centralized (squadron) or decentralized (troop) messing, as required.

e. Performs organizational maintenance on organic equipment.

Mobility. One hundred percent mobile in organic vehicles.

Strength.

a. Level 1: Off 15 WO 2 EM 172 Aggr 189
b. Level 2: Off 13 WO 2 EM 160 Aggr 175
c. Level 3: Off 12 WO 2 EM 139 Aggr 153

Summary of equipment. See table 2–13.

TOE 17–107H Armd Cav Trp, Armd Cav Sqdn (11)

Mission. To provide security and perform reconnaissance for the unit to which assigned or attached and engage in offensive, defensive, or delaying actions as an economy of force unit.

Assignment. Organic to armored cavalry squadron, armored or mechanized division, TOE 17–105H.

Capabilities. a. Performs air and ground reconnaissance and provides security for the unit to which assigned or attached.

b. Engages in offensive, defensive, or delaying actions.

c. Conducts independent action, when properly reinforced.

d. Depends on the squadron HHT for mess facilities.

e. Performs organizational maintenance on organic equipment.

Mobility. One hundred percent mobile in organic vehicles.

Strength.

a. Level 1: Off 5 WO 0 EM 156 Aggr 161
b. Level 2: Off 5 WO 0 EM 148 Aggr 153
c. Level 3: Off 5 WO 0 EM 120 Aggr 125

Summary of equipment. See table 2–13.

TOE 17–108H Air Cav Trp, Armd Cav Sqdn (11)

Mission. To extend, by aerial means, the reconnaissance and security capabilities of ground units. To engage in offensive, defensive, or delaying actions within its capability and seize and dominate lightly defended areas or terrain features.

Assignment. Organic to armored cavalry squadron, armored or mechanized division, TOE 17–105H.

Capabilities. a. Performs air and ground reconnaissance and provides security for the unit to which assigned or attached.

b. Engages in offensive, defensive, or delaying actions.

c. Conducts independent action, when properly reinforced.

d. Depends on the squadron HHT for mess facilities.

e. Performs organizational maintenance on organic equipment.

Mobility. One hundred percent mobile in organic vehicles.

Strength.

a. Level 1: Off 15 WO 33 EM 155 Aggr 203
b. Level 2: Off 15 WO 31 EM 140 Aggr 186
c. Level 3: Off 15 WO 29 EM 122 Aggr 166

Summary of equipment. See table 2–13.

TOE 17–250H Air Cav Sqdn, Inf Div (2)

Mission. To perform reconnaissance and security, to engage in offensive, defensive, and retrograde operations when required.

Assignment. a. Organic to infantry division, TOE 7H and air cavalry combat brigade, TOE 17–200.

b. To corps, divisions, or separate brigades as required.

Capabilities. a. Performs reconnaissance, security, and economy of force missions for the unit to which assigned or attached.

b. Conducts offensive, defensive, and retrograde operations, as required, to accomplish reconnaissance, security, and economy of force missions.

c. Acts as a security or screening force between or for larger units, or for airmobile operations.

d. Acts as part of a divisional/brigade general outpost, or as a part of a corps covering force in defensive operations, or as part of a covering force in offensive and defense operations.

e. Executes surveillance tasks, as required, for the unit to which assigned or attached.

f. Collects and reports reconnaissance information of intelligence value, including acquisition of actual or potential conventional, chemical, and nuclear targets and resulting damage assessment of fires from all services.

g. Assists in exploiting the success of other units and the effects of mass destruction weapons, including conventional strategic bombardment/heavy naval gunfire or chemical, nuclear, and weapon systems.

h. Provides limited antitank defense for the unit to which assigned or attached.

i. Conducts chemical agent detection and radiological monitoring and survey operations.

j. Participates in rear area damage control and rear area security operations.

k. This unit is dependent upon appropriate elements of the corps, division, or brigade for finance and personnel administrative services.

l. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

m. This unit is capable of performing organizational maintenance on organic equipment.

n. This unit is capable of performing direct support aircraft maintenance less avionics and armament at squadron level.

Mobility. Mobility of units organic to this squadron is included in appropriate component TOE extracts.

Strength.

a. Level 1: Off 69 WO 100 EM 786 Aggr 955
b. Level 2: Off 69 WO 94 EM 710 Aggr 873
c. Level 3: Off 69 WO 88 EM 604 Aggr 761

Summary of equipment. See table 2–13.

TOE 17–206 HHT, Air Cav Sqdn (7)

Mission. To provide command, control and supervision of the air cavalry squadron and attached units.

Assignment. Organic to air cavalry squadron, TOE 17–205.

Capabilities. a. Commands, controls, provides staff planning and supervises operations for organic and attached units.

b. Provides unit-level supply, medical, mess, and transportation services for the squadron.

c. Provides aircraft for command, control, and liaison by the commander and his staff.

d. This unit is capable of performing organizational maintenance on organic equipment.

e. This unit is capable of performing direct support maintenance functions excluding avionics and armament on squadron aircraft.

f. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

g. This unit is dependent upon appropriate elements of the corps, division, or brigade for finance and personnel administrative services.

h. This unit requires a US Air Force tactical air control party (TACP) for directing tactical air support.

Mobility. a. This unit is authorized by TOE 250 personnel and 212,165 pounds (22,565 cubic feet) of equipment requiring transportation for a tactical move. Non-TOE equipment and supplies constitute approximately 27,700 pounds (1,000 cubic feet).

b. In a tactical move, using one lift by organic vehicles and aircraft, the unit can move approximately 154 personnel and 215,867 pounds (14,613 cubic feet) of equipment and supplies.

c. All equipment is transportable in US Air Force aircraft.

Strength.

a. Level 1: Off 19 WO 4 EM 228 Aggr 251
b. Level 2: Off 19 WO 4 EM 208 Aggr 231
c. Level 3: Off 19 WO 4 EM 178 Aggr 201

Summary of equipment. See table 2–13.

TOE 17–207H Armd Cav Trp, Air Cav Sqdn (7)

Mission. To provide security and perform reconnaissance for the unit to which assigned or attached and engage in offensive, defensive, or delaying action as an economy of force unit.

Assignment. Air cavalry squadron, TOE 17–205.

Capabilities. a. Performs reconnaissance and provides security for unit to which assigned or attached.

b. Engages in offensive, defensive, or delaying actions.

c. Conducts independent action when properly reinforced.

d. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

e. This unit is dependent upon the headquarters and headquarters troop for mess facilities.

f. This unit is capable of performing organizational maintenance on organic equipment.

Mobility. a. One hundred percent mobile in organic vehicles.

b. One hundred percent air transportable in US Air Force aircraft.

Strength.

a. Level 1: Off 5 WO 0 EM 159 Aggr 164
b. Level 2: Off 5 WO 0 EM 151 Aggr 156
c. Level 3: Off 5 WO 0 EM 123 Aggr 128

Summary of equipment. See table 2–13.

TOE 17–208H Air Cav Trp, Air Cav Sqdn (7)

Mission. To perform reconnaissance and security, to engage in offensive, defensive, and retrograde operations, when required.

Assignment. Organic to air cavalry squadron, TOE 17–205.

Capabilities. *a.* Performs aerial and ground reconnaissance.

b. Provides security for the unit to which assigned or attached.

c. Accomplishes aerial and ground surveillance as an integrated task in performing reconnaissance and security missions.

d. Engages in offensive, defensive, and delaying actions.

e. Provides armed air escort for airmobile operations.

f. Conducts chemical agent detection and radiological monitoring and survey operations, nuclear target acquisition, and nuclear damage assessment.

g. Conducts operations at nap of the earth altitude.

h. Individuals of this organization can engage in effective coordinated defense of the unit's area or installation.

i. This unit is dependent upon the squadron headquarters and headquarters troop for mess facilities.

j. This unit is capable of performing organizational maintenance in organic equipment.

k. This unit is dependent on squadron headquarters and headquarters troop for direct support aircraft maintenance less avionics and armament.

l. Aeroscout observers are provided in the active portion of TOE when organized under SRC 17208H220.

Mobility. *a.* This unit is authorized by TOE 180 personnel and 103,947 pounds (9,364 cubic feet) of equipment requiring transportation for a tactical move. Non-TOE equipment and supplies constitute approximately 81,800 pounds (8,400 cubic feet).

b. In a tactical move, using one lift by organic vehicles and aircraft, the unit can move approximately 198 personnel and 108,822 pounds (9,294 cubic feet) of equipment and supplies.

c. All equipment is transportable in US Air Force aircraft.

Strength.

a. Level 1: Off 15 WO 32 EM 133 Aggr 180
b. Level 2: Off 15 WO 30 EM 117 Aggr 162
c. Level 3: Off 15 WO 28 EM 101 Aggr 144

Summary of equipment. See table 2–13.

TOE 17–35H Tk Bn (No change)

Mission. To close with and destroy enemy forces, using fire, maneuver, and shock effect.

Assignment. *a.* Organic to armored division, TOE 17H.

b. Organic to infantry division, TOE 7H.

c. Organic to mechanized division, TOE 37H.

Capabilities. *a.* Conducts operations requiring a high degree of firepower, mobility, armor protection, and shock effect.

b. Attacks or counterattacks under hostile fire.

c. Destroys enemy armor by fire.

d. Provides the mobility, armor protection, firepower, and flexible communications to successfully exploit the effects of nuclear and nonnuclear fire support.

e. Conducts combat operations under limited visibility conditions, employing night-viewing devices and surveillance equipment.

f. Organizes, commands, and controls combined arms teams through cross-attachment with infantry or infantry (mechanized) to engage the enemy with fire, maneuver, and shock effect.

g. Performs organizational maintenance on organic equipment.

Mobility. One hundred percent mobile in organic vehicles.

Strength.

a. Level 1: Off 34 WO 2 EM 512 Aggr 548
b. Level 2: Off 32 WO 2 EM 474 Aggr 508
c. Level 3: Off 32 WO 2 EM 427 Aggr 461

Summary of equipment. See table 2–14.

TOE 17–36H HHC, Tk Bn (10)

Mission. To provide command, staff administration, communication, supply, maintenance, and medical support for the tank battalion.

Assignment. Organic to tank battalion, armored, infantry, or mechanized division, TOE 17–35H.

Capabilities. a. Commands, controls, provides staff planning, and furnishes communications and supervision of operations.

b. Provides battalion logistic support, to include in-transit storage.

c. Provides centralized (battalion) or decentralized (company) messes, as required.

d. Provides unit-level medical support, to include evacuation and establishment and operation of the battalion aid station.

e. Provides battalion-level organizational maintenance for vehicles organic to the battalion.

f. Performs organizational maintenance on organic equipment.

Mobility. One hundred percent mobile in organic vehicles.

Strength.

a. Level 1: Off 14 WO 2 EM 159 Aggr 175
b. Level 2: Off 12 WO 2 EM 147 Aggr 161
c. Level 3: Off 12 WO 2 EM 130 Aggr 144

Summary of equipment. See table 2–14.

TOE 17–37H Tk Co, Tk Bn (10)

Mission. To close with and destroy enemy forces, using fire, maneuver, and shock effect.

Assignment. Organic to tank battalion, armored, infantry, or mechanized division, TOE 17–35H.

Capabilities. a. Attacks or counterattacks under hostile fire.

b. Destroys enemy armor by fire.

c. Supports infantry, infantry (mechanized), reconnaissance, or other tank units by fire, maneuver, and shock action.

d. Provides the mobility, armor protection, and firepower to successfully exploit the effects of nuclear and nonnuclear fire support.

e. Depends on the HHC for medical support, mess facilities, and transportation of a portion of its class III and V basic load.

f. Performs organizational maintenance on organic equipment.

Mobility. One hundred percent mobile in organic vehicles.

Strength.

a. Level 1: Off 5 WO 0 EM 84 Aggr 89
b. Level 2: Off 5 WO 0 EM 78 Aggr 83
c. Level 3: Off 5 WO 0 EM 70 Aggr 75

Summary of equipment. See table 2–14.

TOE 17–39H Cbt Spt Co, Tk Bn (10)

Mission. To provide reconnaissance, ground surveillance, indirect fire support, and limited air defense support for the tank battalion.

Assignment. Organic to tank battalion, armored, infantry, or mechanized division, TOE 17–35H.

Capabilities. a. Provides indirect fire support for the tank battalion and attached units.

b. Provides reconnaissance support for the tank battalion and attached units.

c. Performs organizational maintenance on organic equipment.

Mobility. One hundred percent mobile in organic vehicles.

Strength.

a. Level 1:	Off 5	WO 0	EM 101	Aggr 106
b. Level 2:	Off 5	WO 0	EM 93	Aggr 98
c. Level 3:	Off 5	WO 0	EM 87	Aggr 92

Summary of equipment. See table 2–14.

TOE 7–45H Inf Bn (Mech) (No change)

Mission. To close with the enemy by means of fire and maneuver to destroy or capture him or to repel his assault by fire, close combat, and counterattack.

Assignment. a. Organic to armored division, TOE 17H.

b. Organic to infantry division, TOE 7H.

c. Organic to mechanized division, TOE 37H.

Capabilities. a. Provides a base of fire and maneuver elements.

b. Seizes and holds terrain.

c. Conducts independent operations on a limited scale.

d. Furnishes limited antitank protection.

e. Provides indirect fire support for organic and attached units.

f. Conducts long-range patrolling, when properly equipped.

g. Possesses a high degree of cross-country mobility to successfully exploit the effects of nuclear and nonnuclear weapons.

h. Provides a force that complements and enhances the inherent capabilities of tank elements, when employed in tank-infantry teams.

i. Provides a force that can participate in airmobile operations, when provided air transportation.

j. Provides limited air defense.

k. Participates in amphibious operations.

l. Maneuvers in all types of terrain and under all climatic conditions.

m. Participates in counterinsurgency operations as elements of brigade-sized backup forces.

n. Performs organizational maintenance on organic equipment.

o. Depends on division artillery for nuclear fires by indirect fire means.

Mobility. One hundred percent mobile in organic vehicles.

Strength.

a. Level 1:	Off 37	WO 2	EM 841	Aggr 880
b. Level 2:	Off 36	WO 2	EM 757	Aggr 795
c. Level 3:	Off 30	WO 2	EM 675	Aggr 707

Summary of equipment. See table 2–14.

TOE 7–46H HHC, Inf Bn (Mech) (11)

Mission. To provide command, control, and supervision of the operations of the infantry battalion (mechanized) and attached units.

Assignment. Organic to infantry battalion (mechanized), armored, infantry, or mechanized division, TOE 7–45H.

Capabilities. a. Provides command, control, staff planning, and supervision of operations of organic and attached elements of the infantry battalion (mechanized).

b. Provides supply and organizational maintenance support.

c. Provides centralized (battalion) or decentralized (company) messing, as required.

d. Provides communication support.

e. Provides unit-level medical support to the infantry battalion (mechanized), to include furnishing aidmen to the rifle companies and combat support company.

f. Performs organizational maintenance on organic equipment.

g. Depends on division artillery for nuclear fires by indirect fire means.

Mobility. One hundred percent mobile in organic vehicles.

Strength.

a. Level 1: Off 13 WO 2 EM 153 Aggr 168
b. Level 2: Off 12 WO 2 EM 138 Aggr 152
c. Level 3: Off 10 WO 2 EM 128 Aggr 140

Summary of equipment. See table 2–14.

TOE 7–47H Rifle Co, Inf Bn (Mech) (11)

Mission. To close with the enemy by means of fire and maneuver to destroy or capture him or to repel his assault by fire, close combat, and counterattack.

Assignment. Organic to infantry battalion (mechanized), armored, infantry, or mechanized division, TOE 7–45H.

Capabilities. a. Closes with the enemy to destroy or capture him.

b. Repels enemy assault by fire, close combat, and counterattack.

c. Provides a base of fire and maneuver.

d. Seizes and holds terrain.

e. Maneuvers in all types of terrain and under all climatic conditions.

f. Capitalizes on all forms of mobility.

g. Performs organizational maintenance on organic equipment.

Mobility. One hundred percent mobile in organic vehicles.

Strength.

a. Level 1: Off 6 WO 0 EM 183 Aggr 189
b. Level 2: Off 6 WO 0 EM 165 Aggr 171
c. Level 3: Off 5 WO 0 EM 146 Aggr 151

Summary of equipment. See table 2–14.

TOE 7–48H Cbt Spt Co, Inf Bn (Mech) (10)

Mission. To provide reconnaissance, ground surveillance, indirect fire support, antitank support, and limited air defense support for the infantry battalion (mechanized).

Assignment. Organic to infantry battalion (mechanized), armored, infantry or mechanized division, TOE 7–45H.

Capabilities. a. Provides reconnaissance and ground radar surveillance.

b. Provides antitank and mortar support.

c. Provides limited air defense support.

d. Maneuvers in all types of terrain and under all climatic conditions.

e. Performs organizational maintenance on organic equipment.

f. Capitalizes on all forms of mobility.

Mobility. One hundred percent mobile in organic vehicles.

Strength.

a. Level 1: Off 6 WO 0 EM 139 Aggr 145
b. Level 2: Off 6 WO 0 EM 124 Aggr 130
c. Level 3: Off 5 WO 0 EM 109 Aggr 114

Summary of equipment. See table 2–14.

TOE 7–15H Inf Bn, Inf Div (No change)

Mission. To close with the enemy by means of fire and maneuver to destroy or capture him or to repel his assault by fire, close combat, and counterattack.

Assignment. Organic to infantry division.

Capabilities. a. Provides a base of fire and maneuver elements.

b. Seizes and holds terrain.

c. Conducts independent operations on a limited scale.

d. Furnishes limited antitank protection.

e. Provides indirect fire support for organic and attached units.

f. Conducts long-range patrolling, when properly equipped.

g. Participates in motorized, mechanized, joint airborne operations, when provided sufficient transportation.

h. Participates in airmobile operations, when provided sufficient air transportation.

i. Maneuvers in all suitable types of terrain and under all climatic conditions.

j. Participates in amphibious operations.

k. Provides limited air defense support.

l. Participates in counterinsurgency operations as elements of brigade-sized backup forces.

m. Performs organizational maintenance on organic equipment.

Mobility. Mobility of units organic to this battalion is included in appropriate component TOE extracts.

Strength.

a. Level 1: Off 37 WO 2 EM 761 Aggr 800
b. Level 2: Off 36 WO 2 EM 696 Aggr 734
c. Level 3: Off 30 WO 2 EM 621 Aggr 653

Summary of equipment. See table 2–13.

TOE 7–16H HHC, Inf Bn, Inf Div (11)

Mission. To provide command, control, and supervision of the operations of the infantry battalion.

Assignment. Organic to infantry battalion, infantry division, TOE 7–15H.

Capabilities. a. Provides command, control, staff planning, and supervision of operations of organic and attached elements of the infantry battalion.

b. Provides supply and organizational maintenance support.

c. Provides centralized (battalion) or decentralized (company) messing, as required.

d. Provides communication support.

e. Provides unit-level medical support to the infantry battalion, to include furnishing aidmen to the rifle companies and combat support company.

f. Performs organizational maintenance on organic equipment and provides vehicular maintenance support for the rifle companies, TOE 7–18H.

Mobility. One hundred percent mobile in organic vehicles.

Strength.

a. Level 1: Off 13 WO 2 EM 124 Aggr 139
b. Level 2: Off 12 WO 2 EM 116 Aggr 130
c. Level 3: Off 10 WO 2 EM 101 Aggr 113

Summary of equipment. See table 2–13.

TOE 7–18H Rifle Co, Inf Bn, Inf Div (9)

Mission. To close with the enemy by means of fire and maneuver to destroy or capture him or to repel his assault by fire, close combat, and counterattack.

Assignment. Organic to infantry battalion, infantry division, TOE 7–15H.

Capabilities. a. Provides a base of fire and maneuver.

b. Closes with the enemy to destroy or capture him.

c. Seizes and holds terrain.

d. Repels enemy assault by fire, close combat, and counterattack.

e. Maneuvers in all types of terrain and under all climatic conditions.

f. Capitalizes on all forms of mobility.

g. Depends on HHC, infantry battalion, for medical and mess support and for maintenance of organic vehicles and on the combat support company for heavy antitank support.

Mobility. Thirty percent mobile in organic vehicles.

Strength.

a. Level 1: Off 6 WO 0 EM 168 Aggr 174
b. Level 2: Off 6 WO 0 EM 153 Aggr 159
c. Level 3: Off 5 WO 0 EM 139 Aggr 144

Summary of equipment. See table 2–13.

TOE 7–28H Cbt Spt Co, Inf Bn, Inf Div (12)

Mission. To provide reconnaissance, ground surveillance, indirect fire support, antitank support, and limited air defense support for the infantry battalion.

Assignment. Organic to infantry battalion, infantry division, TOE 7–15H.

Capabilities. a. Provides reconnaissance and ground radar surveillance.

b. Provides antitank and mortar support.

c. Provides limited air defense support.

d. Maneuvers in all types of terrain and under all climatic conditions.

e. Performs organizational maintenance on organic equipment.

f. Capitalizes on all forms of mobility.

Mobility. One hundred percent mobile in organic vehicles.

Strength.

a. Level 1: Off 6 WO 0 EM 133 Aggr 139
b. Level 2: Off 6 WO 0 EM 121 Aggr 127
c. Level 3: Off 5 WO 0 EM 103 Aggr 108

Summary of equipment. See table 2–13.

2–3. Airborne Division.

Figure 2–4 shows the organizational structure for an airborne division. This type of division has a division base and nine maneuver battalions. Table 2–15 provides a summary of the division's equipment by class of supply. Figures 2–4 through 2–6 provide the organizational structures for subordinate elements of an airborne division. Tables 2–16 through 2–20 provide summaries of selected items of equipment for these subordinate elements.

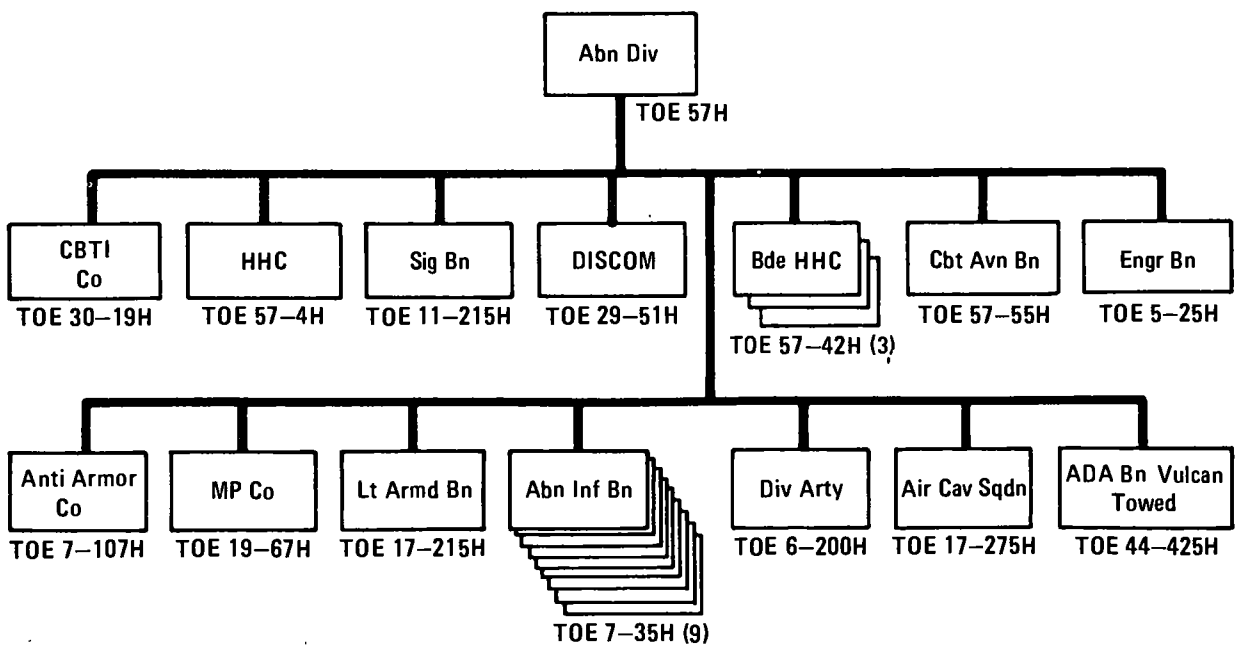


Figure 2–4. Airborne division.

TOE 57H Airborne Division (No change)

Mission. a. To move by air and by airborne assault to seize and hold assigned objectives and to close with the enemy to destroy or capture him in a low-intensity or mid-intensity conflict until ground linkup can be accomplished or until reinforced by air or surface landing.

b. To move by air and by airborne assault, when reinforced, to seize and hold assigned objectives in high-intensity operational environments.

c. To execute small-scale airborne commando-type operations to perform a selected mission.

d. To move by air on short notice to any oversea land area as a deterrent or resistance force in any threatened area.

Capabilities. a. Executes airborne assault by means of parachute drop or air landing.

b. Closes with the enemy to destroy or capture him, utilizing fire, maneuver, and close combat.

c. When organized for combat with additional combat, combat support, and combat service support units, can conduct sustained ground operations.

d. Acts alone or as part of a larger force.

e. Conducts airmobile operations.

Mobility. Mobility of units organic to this division is included in appropriate component TOE extracts.

Strength.

a. Level 1: Off 1,004 WO 285 EM 13,606 Aggr 14,895
b. Level 2: Off 984 WO 266 EM 12,353 Aggr 13,603
c. Level 3: Off 895 WO 250 EM 11,028 Aggr 12,173

Summary of equipment. See table 2–15.

TOE 57–4H HHC, Abn Div (2)

Mission a. Headquarters. To command, control, and supervise operations of the division and attached units.

b. Headquarters company. To provide personnel and administrative support for the headquarters.

Assignment. Organic to airborne division, TOE 57H.

Capabilities. a. Headquarters. Provides command, staff planning, control, and supervision of administration and operations of the division, and attached units and operates simultaneously a main and alternate CP, when required.

b. Headquarters company. Provides mess, administration, supply, and maintenance support for division headquarters. Provides mess support for liaison and other attached personnel or teams and the military police company.

c. The medical section provides medical support, to include emergency treatment, evacuation, operation of division headquarters aid station, and supervision of sanitation.

d. Can carry out air transport or parachute operations.

Mobility. a. Fifty percent mobile in organic vehicles.

b. One hundred percent air transportable in medium transport aircraft.

Strength.

a. Level 1: Off 60 WO 2 EM 110 Aggr 172
b. Level 2: Off 60 WO 2 EM 98 Aggr 160
c. Level 3: Off 51 WO 2 EM 89 Aggr 142

Summary of equipment. See table 2–15.

TOE 57–42H Bde HHC, Abn Div (4)

Mission. a. The headquarters provides command, control, and supervision of the tactical operations of the brigade and attached units.

b. The headquarters company provides personnel and administrative support for the headquarters.

Assignment. Organic to airborne division, TOE 57H.

Capabilities. a. Commands attached elements of the divisional combat, combat support, and combat service support elements in offensive and defensive combat operations.

b. Accepts or releases attached elements on short notice.

c. Conducts brigade operations on a sustained 24-hour-a-day basis.

d. Supervises the movement and security of attached or supporting administrative elements.

e. Establishes liaison with higher and adjacent headquarters.

f. Supervises tactical training of attached divisional elements.

g. Acts as emergency successor to operational headquarters for the division in the event the latter is incapable of operating.

h. Conducts independent operations, when augmented by sufficient transportation and administrative support elements.

i. Provides operational control for up to five maneuver battalions.

j. Performs organizational maintenance on organic equipment.

k. Provides limited Army aviation support to attached elements.

Mobility. a. Seventy percent mobile in organic vehicles and aircraft.

b. One hundred percent air transportable in medium transport aircraft.

Strength.

a.	Level 1:	Off 23	WO 8	EM 91	Aggr 122
b.	Level 2:	Off 21	WO 7	EM 82	Aggr 110
c.	Level 3:	Off 18	WO 7	EM 72	Aggr 97

Summary of equipment. See table 2—15.

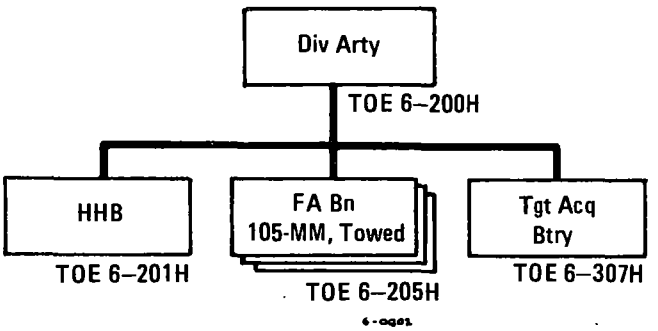


Figure 2—5. Airborne division artillery.

TOE 6—200H Abn Div Arty (No change)

Mission. To provide field artillery support for an airborne division.

Assignment. Organic to airborne division, TOE 57H.

Capabilities. a. Provides field artillery fire support to an airborne division.

b. Establishes the fire support element of the division tactical operations center.

c. Possesses cross-country mobility.

d. Commands and controls organic and attached FA units.

e. Provides communications, target acquisition, and survey.

f. Lands by parachute and aircraft.

Mobility. For mobility of the components of this division artillery, see Section I, General, of the applicable TOE.

Strength.

a. Level 1:	Off 140	WO 24	EM 1,368	Aggr 1,532
b. Level 2:	Off 138	WO 24	EM 1,244	Aggr 1,406
c. Level 3:	Off 132	WO 23	EM 1,076	Aggr 1,231

Summary of equipment. See table 2–16.

TOE 6–201H HHB, Abn Div Arty (4)

Mission. To direct and coordinate operations of airborne division artillery and attached units and to provide facilities for the control of these units.

Assignment. Organic to airborne division artillery, TOE 6–200H.

Capabilities. a. Provides target acquisition.

b. Provides communications.

c. Provides artillery survey.

d. Provides ballistic meteorology.

e. Provides logistic supervision.

f. Lands by parachute and aircraft.

g. Provides unit-level medical support to HHB, airborne division artillery.

h. Provides the field artillery fire support element of the division tactical operations center.

Mobility. a. Thirty-two percent mobile in organic transportation.

b. One hundred percent air transportable in medium transport aircraft.

Strength.

a. Level 1:	Off 32	WO 18	EM 189	Aggr 239
b. Level 2:	Off 30	WO 18	EM 173	Aggr 221
c. Level 3:	Off 27	WO 17	EM 152	Aggr 196

Summary of equipment. See table 2–16.

TOE 6–205H FA Bn, 105-mm, Towed (No change)

Mission. To provide field artillery fires in direct support of a divisional or separate airborne brigade; to reinforce the fires of other field artillery units.

Assignment. Organic to airborne division artillery, TOE 6–200.

Capabilities. a. Provides continuous and timely nonnuclear field artillery fires in support of the supported unit.

b. Provides unit-level medical services for organic units.

c. Provides its component of the parent unit communications, air defense, survey, and target acquisition system.

d. Procures and distributes all classes of supplies to organic units, maintains appropriate materiel records, and transports a limited load of field artillery ammunition.

e. Lands by parachute and aircraft.

Mobility. For mobility of the components of this battalion, see Section I, General, of each applicable TOE.

Strength.

a. Level 1:	Off 36	WO 2	EM 393	Aggr 431
b. Level 2:	Off 36	WO 2	EM 357	Aggr 395
c. Level 3:	Off 35	WO 2	EM 308	Aggr 345

Summary of equipment. See table 2–16.

TOE 6–206H HQ, H&S Btry, FA Bn, 105-mm, Towed (4)

— *Mission. a.* To direct and coordinate operations of the battalion and to provide facilities with which the battalion commander controls the battalion.

b. To procure, breakdown, and distribute all classes of supplies to units of the battalion, to maintain appropriate supply records, and to perform motor maintenance functions not otherwise accomplished within the battalion.

Assignment. Organic to field artillery battalion, 105-mm, towed, airborne division, TOE 6–205H.

Capabilities. a. Provides staff planning, coordination, and control of operations of organic and attached units of the battalion.

b. Provides its portion of the battalion communication and survey.

c. Provides unit-level medical support and intrabattalion evacuation for the battalion and attached units.

d. Draws and issues all classes of supplies.

e. Provides limited air defense against low altitude hostile aircraft.

f. Provides survey control for the battalion and attached units.

g. Provides a fire support section to the brigade and up to three airborne/maneuver battalions.

Mobility. a. Sixty-nine percent mobile in organic transportation.

b. One hundred percent air transportable in medium transport aircraft.

Strength.

a. Level 1: Off 18 WO 2 EM 144 Aggr 164
b. Level 2: Off 18 WO 2 EM 132 Aggr 152
c. Level 3: Off 17 WO 2 EM 119 Aggr 138

Summary of equipment. See table 2–16.

TOE 6–207H FA Btry, 105-mm, Towed (4)

Mission. To provide a firing component of the field artillery battalion to which assigned.

Assignment. Organic to field artillery battalion, 105-mm, towed, airborne division, TOE 6–205H.

Capabilities. a. Furnishes its portion of battalions firing, communication, and target acquisition systems.

b. Lands by parachute and aircraft.

c. Can provide forward observer sections to support one airborne maneuver battalion.

d. Delivers 105-mm fires of appropriate type and density at time and place required.

e. Depends on battalion H&S battery to provide all survey, medical, and mess, and maintenance on organic equipment other than howitzers.

Mobility. a. Thirty-six percent mobile in organic transportation.

b. One hundred percent air transportable in medium transport aircraft.

Strength.

a. Level 1: Off 6 WO 0 EM 83 Aggr 89
b. Level 2: Off 6 WO 0 EM 75 Aggr 81
c. Level 3: Off 6 WO 0 EM 63 Aggr 69

Summary of equipment. See table 2–16.

TOE 44–425H ADA Bn, Vulcan, Towed (2)

Mission. To provide air defense for the airborne division, as required, against attack by low-altitude hostile aircraft and to attack and destory hostile surface targets, as required.

Assignment. Organic to airborne division, TOE 57H.

Capabilities. a. Provides air defense against low-altitude hostile aircraft.

b. Attacks, or defends against, surface targets.

c. Provides a forward area alerting radar facility.

d. Provides medical support limited to emergency medical treatment, evacuation of casualties, provision of aidmen to firing batteries, and supervision of sanitation.

e. Lands by parachute and aircraft.

f. Possesses cross-country mobility.

Mobility. a. Eighty percent mobile in organic transportation.

b. One hundred percent air transportable in Army or Air Force aircraft.

Strength.

a. Level 1: Off 38 WO 7 EM 498 Aggr 543
b. Level 2: Off 38 WO 7 EM 460 Aggr 505
c. Level 3: Off 37 WO 7 EM 405 Aggr 449

Summary of equipment. See table 2–16.

TOE 44–426H HHB, ADA Bn (8)

Mission. To provide command and operational control for the battalion.

Assignment. Organic to air defense artillery battalion, Vulcan, towed, TOE 44–425H.

Capabilities. a. Commands, controls, and provides staff planning and supervision of operations.

b. Provides radio and wire communications with all elements of the battalion and with higher, adjacent, and subordinate units. Wire may go through the nearest division signal center.

c. Provides forward area alerting radar facilities.

d. Provides logistic support to the battalion and organizational maintenance for all battery equipment, except for RATT, cryptographic, and electronic test equipment.

e. Provides medical support, limited to emergency medical treatment, evacuation of casualties, provision of aidmen to firing batteries, and supervision of sanitation.

f. Provides liaison with the division tactical operations center and the air defense artillery group or air defense artillery battalion, Hawk.

Mobility. a. Eighty percent mobile in organic transportation.

b. One hundred percent air transportable in Army or Air Force aircraft.

Strength.

a. Level 1: Off 14 WO 3 EM 114 Aggr 131
b. Level 2: Off 14 WO 3 EM 104 Aggr 121
c. Level 3: Off 13 WO 3 EM 97 Aggr 113

Summary of equipment. See table 2–16.

TOE 44–427H ADA Btry, Vulcan, Towed (8)

Mission. a. To provide air defense against low-altitude hostile aircraft for the airborne division.

b. To attack and destroy hostile surface targets, as required.

c. To provide the Vulcan fire units to the air defense artillery battalion, Vulcan, towed, airborne division.

Assignment. Organic to air defense artillery battalion, Vulcan, towed, TOE 44–425H.

Capabilities. a. Delivers a high rate of fire from prepared or hasty positions against low-altitude hostile aircraft and surface targets.

b. Receives early warning and aircraft identification data from forward area alerting radars.

c. Performs organizational maintenance for Vulcan fire unit, communications, and wheeled vehicles.

d. Lands by parachute and aircraft.

Mobility. a. Eighty percent mobile in organic vehicles.

b. One hundred percent air transportable in Army or Air Force aircraft.

Strength.

a. Level 1: Off 6 WO 1 EM 96 Aggr 103
b. Level 2: Off 6 WO 1 EM 89 Aggr 96
c. Level 3: Off 6 WO 1 EM 77 Aggr 84

Summary of equipment. See table 2–16.

TOE 57–55H Cbt Avn Bn (No change)

Mission. To provide aviation support for division HQ, DISCOM, and other divisional units without organic aircraft. In addition, to provide—

a. General support and reinforcement to units possessing organic aircraft.

b. An aviation special staff section for division HQ.

Assignment. Organic to airborne division, TOE 57H.

Capabilities. a. Commands, controls, performs staff planning, and furnishes communications and supervision of operations for companies of the battalion and attached units.

b. Provides limited aviation special staff personnel for division HQ.

c. Participates in airmobile combat operations. One airborne rifle company can be airlifted in one airlift, using organic aircraft.

d. Operates one instrumented airfield with terminal flight facilities, to include ground controlled approach.

e. Provides aircraft to support division HQ, DISCOM, and other units without organic aircraft.

f. Augments aeromedical evacuation.

g. Reconnoiters and marks drop or landing sites to insure accurate delivery of personnel and materiel by paradrop or landing operations.

h. Assists in navigation and control of Army aircraft in the objective area.

Mobility. Mobility of units organic to this battalion is included in appropriate component TOE extracts.

Strength.

a. Level 1: Off 37 WO 70 EM 307 Aggr 414
b. Level 2: Off 36 WO 60 EM 276 Aggr 372
c. Level 3: Off 35 WO 52 EM 242 Aggr 329

Summary of equipment. See table 2–17.

TOE 57–56H HHC, Cbt Avn Bn (4)

Mission. To provide command, control, administration, battalion-level organizational maintenance, communications, and supply for the avaition battalion.

Assignment. Organic to combat aviation battalion, airborne division, TOE 57–55H.

Capabilities. a. Commands, controls, performs staff planning, and furnishes communications and supervision of operations for companies of the battalion and attached units.

b. Provides aviation special staff personnel for division HQ.

c. Provides personnel to supervise battalion supply, organizational maintenance, and administration for organic and attached units.

d. Provides mess facilities for the aviation general support company.

e. Provides unit-level medical support to the division base airfield and elements of the aviation battalion.

f. Reconnoiters and marks drop or landing sites to insure accurate delivery of personnel and materiel by paradrop or landing operations.

g. Assists in navigation and control of Army aircraft in the objective area.

h. Operates one instrumented airfield with terminal flight facilities, to include ground controlled approach.

Mobility. a. Seventy percent mobile in organic vehicles.

b. One hundred percent air transportable in medium transport aircraft.

Strength.

a. Level 1: Off 17 WO 1 EM 110 Aggr 128
b. Level 2: Off 17 WO 1 EM 99 Aggr 117
c. Level 3: Off 17 WO 0 EM 86 Aggr 103

Summary of equipment. See table 2–17.

TOE 57–57H Aslt Hel Co, Cbt Avn Bn (4)

Mission. To provide tactical air movement of combat troops, supplies, and equipment in airmobile operations.

Assignment. Organic to combat aviation battalion, airborne division, TOE 57—55H.

Capabilities. a. Provides continuous (day and night) operations during visual weather conditions and limited operations under instrument weather conditions in support of the division in the forward areas of the combat zone.

b. Provides, in a single lift, airlift for one airborne rifle company.

c. Provides air movement of troops, supplies, and equipment within the division area.

d. Augments the aeromedical evacuation capability of medical air ambulance elements.

e. Provides company-level organizational maintenance for organic equipment.

Mobility. a. Eighty-five percent mobile in organic vehicles and aircraft.

b. One hundred percent air transportable in medium transport aircraft.

Strength.

a.	Level 1:	Off 13	WO 50	EM 140	Aggr 203
b.	Level 2:	Off 12	WO 42	EM 126	Aggr 180
c.	Level 3:	Off 11	WO 37	EM 110	Aggr 158

Summary of equipment. See table 2—17.

TOE 57—58H Avn GS Co, Cbt Avn Bn (4)

Mission. To provide aviation support for division HQ, DISCOM, and other units without organic aircraft. In addition, to provide—

a. Limited general support and reinforcement to units with organic aircraft.

b. Limited air escort for airmobile operations and limited supplemental air fire support to combat elements of the division.

Assignment. Organic to combat aviation battalion, airborne division, TOE 57—55H.

Capabilities. a. Provides continuous (day and night) operations during visual weather conditions and limited operations under instrument weather conditions.

b. Provides air observation, reconnaissance, and surveillance (day and night) of enemy areas to locate, verify, and evaluate targets, terrain study, and fire adjustment.

c. Conducts radiological survey.

d. Provides command, control, liaison, reconnaissance, and communications.

e. Augments the aeromedical evacuation capability of medical air ambulance elements and aeromedical evacuation for the aviation battalion.

Mobility. a. One hundred percent mobile in organic vehicles and aircraft.

b. One hundred percent air transportable in medium transport aircraft.

Strength.

a.	Level 1:	Off 7	WO 19	EM 57	Aggr 83
b.	Level 2:	Off 7	WO 17	EM 51	Aggr 75
c.	Level 3:	Off 7	WO 15	EM 46	Aggr 68

Summary of equipment. See table 2—17.

TOE 5—25H Engr Bn (No change)

Mission. To increase the combat effectiveness of the airborne division by providing combat support; and to undertake and carry out airborne infantry combat missions, when required.

Assignment. Organic to airborne division, TOE 57H.

Capabilities. a. Provides engineer staff planning and supervision for organic and attached engineer troops.

b. Performs engineer reconnaissance and produces engineer intelligence for the division.

c. Performs limited construction, repair, and maintenance of roads, bridges, fords, and culverts to facilitate the movements of the division.

d. Performs limited general construction works, including construction of assault landing strips.

e. Plans for the employment of atomic dem-

olition munition (ADM). Prepares for firing of ADM, as required, when TOE 5—570H cellular-type ADM teams are attached.

f. Provides personnel and equipment for the purification and supply of potable water.

g. Furnishes close engineer combat support by personnel and equipment landed by parachute and aircraft.

h. Furnishes technical assistance in camouflage operations.

i. Emplaces and removes obstacles, including mines and boobytraps.

j. Constructs and places deceptive devices.

k. Provides organizational maintenance repair service for engineer, ordnance, and signal equipment organic to the battalion.

l. Furnishes technical advice to supported units on engineering matters, including recommendations for employment of engineer troops.

m. Provides assistance in the assault of fortified positions.

n. Provides assistance in the exploitation of locally available materials for construction, fortifications, and camouflage.

o. The limited capability of this unit may be increased, as require for specific operations, by attaching elements of TOE 5—195H, engineer combat battalion, airborne, and/or TOE 5—54H, engineer light equipment company, airborne.

Mobility. For mobility of the components of this battalion, see Section I, General, of each applicable TOE.

Strength.

a. Level 1: Off 32 WO 2 EM 538 Aggr 572
b. Level 2: Off 31 WO 2 EM 493 Aggr 526
c. Level 3: Off 28 WO 2 EM 437 Aggr 467

Summary of equipment. See table 2—17.

TOE 5—26H HHC, Engr Bn (4)

Mission. a. Headquarters. To provide an engineer special staff section for the division and to provide command and staff for the engineer battalion, airborne division.

b. Headquarters company. To provide alternate CP, administration, operational control, communications, engineer reconnaissance and intelligence, supply, organizational maintenance support, engineer construction, and ordnance equipment, and unit-level medical support for the engineer battalion. Also, to provide potable water for the division and additional combat support by planning employment of ADM, when appropriate teams are assigned.

c. To fight as airborne infantry, when required.

Assignment. Organic to engineer battalion, airborne division, TOE 5—25H.

Capabilities. a. Provides staff planning and supervision of division engineer operations, including attached engineer troops.

b. Provides five water points for purification and supply of water for the division.

c. Performs engineer reconnaissance and intelligence for the engineer battalion and the division.

d. When TOE 5—570H cellular-type ADM teams are attached, provides ADM support to the division, as required.

e. Furnishes unit-level medical support for the battalion, to include intrabattalion evacuation.

f. Performs organizational maintenance and repair service for equipment of the battalion.

g. Provides radio and wire communications for the battalion, when performing a normal engineer mission and when reorganized for combat as infantry.

h. Provides additional construction equipment for subordinate units.

Mobility. a. Ninety percent mobile in organic vehicles.

b. One hundred percent air transportable in medium transport aircraft.

Strength.

a. Level 1:	Off 17	WO 2	EM 163	Aggr 182
b. Level 2:	Off 16	WO 2	EM 151	Aggr 169
c. Level 3:	Off 16	WO 2	EM 131	Aggr 149

Summary of equipment. See table 2–17.

TOE 5–27H Engr Co, Engr Bn (4)

Mission. To provide an operating component of the engineer battalion, airborne division, and to undertake and carry out airborne infantry combat mission, when required.

Assignment. Organic to engineer battalion, airborne division, TOE 5–25H.

Capabilities. a. Performs pioneer tasks.

b. When reinforced with engineer equipment, executes more complex engineer work, to include hasty construction of assault aircraft landing facilities.

c. Provides engineer support for combined arms teams of the airborne infantry brigade.

Mobility. a. Ninety five percent mobile in organic vehicles.

b. One hundred percent air transportable in medium transport aircraft and airdroppable.

Strength.

a. Level 1:	Off 5	WO 0	EM 125	Aggr 130
b. Level 2:	Off 5	WO 0	EM 114	Aggr 119
c. Level 3:	Off 4	WO 0	EM 102	Aggr 106

Summary of equipment. See table 2–17.

TOE 11–215H Sig Bn (No change)

Mission. a. To provide signal communications for the echelons of an airborne division HQ and an airborne DISCOM HQ.

b. To establish and operate the division common signal service system.

c. To provide multichannel communication service to brigade HQ, DISCOM HQ, and other major units operating directly under division HQ.

d. To provide direct support COMSEC logistics to the division and organizational maintenance on equipment organic to the battalion.

Assignment. Organic to airborne division, TOE 57H.

Capabilities. a. Plans and supervises communications, training, and other signal activities.

b. Installs, operates, and maintains wire and radio communications for division HQ and DISCOM HQ.

c. Installs, operates, and maintains multichannel communication service to brigades, DISCOM, division artillery, and other major units operating directly under division HQ.

d. Installs, operates, and maintains teletypewriter and telephone switchboard service for division rear.

e. Installs, operates, and maintains a division common signal service system.

f. Provides direct support COMSEC logistics to the division.

g. Performs organizational maintenance on equipment organic to the battalion.

h. Lands by parachute or aircraft.

i. Depends on—

(1) Other divisional units for medical and dental support, religious services, maintenance of personnel records, and supplemental motor transportation.

(2) The division aviation battalion or other aviation units for aerial wire-laying operations, division air messenger services, and aerial airborne FM radio relay.

(3) The DISCOM for direct support maintenance of vehicles and signal equipment, other than cryptographic equipment.

(4) Army or other higher echelons for photographic services.

(5) Signal units of higher HQ for RATT, radio-relay terminal equipment for higher or adjacent command radio nets, and external multichannel communication systems.

Mobility. Mobility of units organic to this battalion is included in appropriate component TOE extracts.

Strength.

a. Level 1:	Off 20	WO 5	EM 515	Aggr 540
b. Level 2:	Off 20	WO 5	EM 470	Aggr 495
c. Level 3:	Off 20	WO 5	EM 423	Aggr 448

Summary of equipment. See table 2–17.

TOE 11–216H HHC, Sig Bn (4)

Mission. a. To direct and coordinate operation and training of the battalion and to provide the HQ facilities with which the battalion commander exercises control.

b. To provide the division a C-E officer and his staff and staff facilities.

c. To provide supplemental administrative and logistic support for the battalion.

d. To provide direct support COMSEC logistics to the division and organizational maintenance for organic equipment.

Assignment. Organic to signal battalion, airborne division, TOE 11–215H.

Capabilities. a. Plans, commands, controls, and coordinates the training and operations of the signal battalion, airborne division.

b. Provides the C–E staff section for division HQ.

c. Provides administrative and logistic support for the signal battalion, airborne division, to include—

(1) Liaison with the administration company, airborne division, TOE 12–87H.

(2) Organizational maintenance for signal equipment and supplemental automotive maintenance for the battalion.

(3) Organizational maintenance for power generator equipment to supplement the capabilities of the operating companies.

(4) Two field messes to provide mess facilities of the HHC and the command operations company on an area basis.

d. Performs limited direct support maintenance on COMSEC equipment of the division.

e. Lands by parachute or aircraft.

Mobility. a. Eighty percent mobile in organic transportation.

b. One hundred percent air transportable in medium transport aircraft.

Strength.

a. Level 1:	Off 8	WO 3	EM 91	Aggr 102
b. Level 2:	Off 8	WO 3	EM 84	Aggr 95
c. Level 3:	Off 8	WO 3	EM 76	Aggr 87

Summary of equipment. See table 2–17.

TOE 11–217H Comd Op Co, Sig Bn (4)

Mission. a. To provide signal communications for the command echelons of division HQ.

b. To provide signal center service to units located in the vicinity of division HQ that is supplemental to organic facilities.

c. To establish and operate an assigned portion of the division common signal service system.

d. To provide and operate net control and other stations, as required, in division radio nets, including the division warning net.

Assignment. Organic to signal battalion, airborne division, TOE 11–215H.

Capabilities. a. Establishes and operates signal facilities for two echelons of division HQ, to

include simultaneous operation on a 24-hour basis of—

(1) Message center, motor messenger, cryptographic, and teletypewriter facilities.

(2) Manual telephone switchboard and local telephone service.

(3) RATT, amplitude modulated/single side band (AM/SSB) voice and FM/voice radio net control and other stations in division radio net, and FM radio wire-integration stations.

b. Establishes and operates a communication center and telephone switchboard, to include the installation of local telephone service at division rear.

c. Establishes and operates at division main and alternate HQ radio-relay or telephone carrier terminal stations in the division multichannel communication system.

d. Provides and operates patching and switching facilities for wire and radio-relay trunk circuits in the division common signal service system.

e. Provides signal center service to units located in the vicinity of echelons of division HQ signal centers, to include the handling of message traffic and provision of telephone switching service and connecting lines that are supplemental to organic facilities.

f. Provides communication facilities for the division air request radio net at division HQ.

g. Provides organizational automotive and generator maintenance.

h. Lands by parachute or aircraft.

Mobility. a. Ninety percent mobile in organic vehicles.

b. One hundred percent air transportable in medium transport aircraft.

Strength.

a. Level 1:	Off 5	WO 2	EM 207	Aggr 214
b. Level 2:	Off 5	WO 2	EM 188	Aggr 195
c. Level 3:	Off 5	WO 2	EM 166	Aggr 173

Summary of equipment. See table 2–17.

TOE 11–218H Spt Op Co, Sig Bn (4)

Mission. a. To provide signal center service to units in the vicinity of brigade HQ and DISCOM that is supplemental to organic capabilities.

b. To install and operate the assigned portion of the division common signal service system.

c. To provide access trunks to the division multichannel communication system for brigade HQ, division artillery, aviation battalion, and DISCOM.

d. To install and operate radio stations in the division and signal battalion radio nets.

Assignment. Organic to signal battalion, airborne division, TOE 11–215H.

Capabilities. a. Installs and operates a radio-wire-integration station and multichannel and RATT terminal service at the CP locations of division artillery and the aviation battalion to connect with the division signal system.

b. Installs and operations three forward signal centers to provide signal communications to units in the division forward area that are supplemental to organic capabilities, to include operation on a 24-hour basis in each signal center of—

(1) Message center, motor messenger, cryptographic, and teletypewriter service.

(2) Manual telephone switchboard service and installation of telephone lines to users, to include connecting brigade HQ into the division communication system.

(3) RATT service in the division nets and a radio-wire-integration station.

c. Installs and operates a signal center to provide communications to DISCOM and units in the vicinity that are supplemental to organic capabilities to include operation on a 24-hour basis of—

(1) Message center, motor messenger, cryptographic, and teletypewriter service.

(2) Manual telephone switchboard and local telephone system.

(3) RATT stations, radio-wire-integration stations, and an FM radio automatic retransmission station.

d. Establishes and operates at each signal center radio-relay or telephone carrier terminal station in the division multichannel communication system.

e. Provides organizational automotive and generator maintenance.

f. Lands by parachute or aircraft.

Mobility. a. Ninety percent mobile in organic vehicles.

b. One hundred percent air transportable in medium transport aircraft.

Strength.

a. Level 1: Off 6 WO 0 EM 217 Aggr 223
b. Level 2: Off 6 WO 0 EM 198 Aggr 204
c. Level 3: Off 6 WO 0 EM 181 Aggr 187

Summary of equipment. See table 2–17.

TOE 19–67H MP Co, Abn Div (3)

Mission. To provide military police combat support to the airborne division.

Assignment. Organic to airborne division, TOE 57H.

Capabilities. a. Provides a provost marshal section to division HQ.

b. Provides circulation control of vehicular traffic (including convoys), refugees, and individuals as well as populace and resources control and control of lines of communication.

c. Establishes motor patrols, circulation and control posts, tactical control points, or combinations thereof, in support of division operations.

d. Provides route reconnaissance, convoy escort, and security of high priority shipment and movements.

e. Provides security to division main and forward command posts as well as personal security for designated personnel.

f. Conducts military police investigations and institutes crime prevention measures within the division.

g. Operates a central prisoner of war and civilian internee collecting point at division and forward collecting points in the airhead for up to two of the committed brigades.

h. Provides security of prisoners of war and civilian internees during evacuation from forward collecting points to the central division collecting point.

i. Provides temporary detention for US military prisoners pending further transfer to corps or to COMMZ stockade facilities.

j. Participates in combined and joint police operations.

k. Provides support in the maintenance of law, order, and discipline in the combat zone through the enforcement of command directives and policies.

l. This unit is dependent upon the headquarters and headquarters company, TOE 57–4, for food service support.

Mobility. a. Sixty percent mobile in organic vehicles.

b. One hundred percent air transportable in medium transport aircraft.

Strength.

a. Level 1: Off 7 WO 0 EM 149 Aggr 156
b. Level 2: Off 7 WO 0 EM 132 Aggr 139
c. Level 3: Off 7 WO 0 EM 118 Aggr 125

Summary of equipment. See table 2–15.

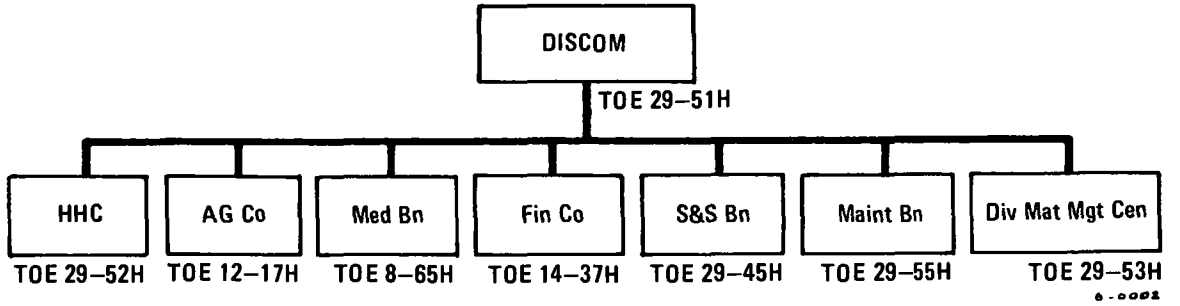


Figure 2–6. Division support command, airborne division.

TOE 29–51H DISCOM (No change)

Mission. To provide division-level supply, field maintenance, medical support, and miscellaneous services for all assigned or attached elements of the division.

Assignment. Organic to airborne division, TOE 57H.

Capabilities. a. Provides division-level logistic support, to include storage of all classes of supply.

b. Provides direct support maintenance, except for medical and cryptographic items, light textiles, and ammunition.

c. Provides division-level medical support, including evacuation, establishment and operation of clearing stations, emergency dental treatment, and medical supply.

d. Has a limited capability to carry division reserve supplies.

e. Provides staff advice to the division commander on quartermaster and ordnance operations and on all supply and maintenance functions, except maintenance of medical and COMSEC materiel, and on transportation matters pertaining to operations of DISCOM.

f. Furnishes music for division functions.

g. Provides air equipment supply and maintenance support to the division.

Mobility. Mobility of units organic to the DISCOM is included in appropriate component TOE extracts.

Strength.

a. Level 1:	Off 168	WO 42	EM 2,114	Aggr 2,324
b. Level 2:	Off 160	WO 42	EM 1,992	Aggr 2,194
c. Level 3:	Off 150	WO 41	EM 1,813	Aggr 2,004

Summary of equipment. See table 2–18.

TOE 29–52H HHC, DISCOM, Abn Div (4)

Mission. a. To provide command and control of DISCOM organic and attached units, except for operational control of the division special staff elements of the administration company, TOE 12–157H.

b. To provide logistic support within the capability of assigned or attached units.

Assignment. Organic to division support command, airborne division, TOE 29–51H.

Capabilities. a. Provides supervision and control of logistic operations of the division.

b. Advises the division commander on combat service support operations, except for medical service.

c. Provides nontechnical training of personnel units of DISCOM.

d. Supervises routine unit administration and supply within DISCOM.

e. Conducts inspections to determine the fitness of DISCOM and attached units to perform tactical functions in the field.

f. Consolidates and disseminates information to DISCOM and higher HQ.

g. Coordinates rear area protection plans for the division support area.

h. Provides the command element for division supply and transportation activities.

Mobility. a. Thirty percent mobile in organic vehicles.

b. One hundred percent air transportable in medium transport aircraft.

Strength.

a.	Level 1:	Off 19	WO 3	EM 88	Aggr 110
b.	Level 2:	Off 19	WO 3	EM 82	Aggr 104
c.	Level 3:	Off 19	WO 3	EM 73	Aggr 95

c. Summary of equipment. See table 2–18.

TOE 8–65H Med Bn (No change)

Mission. To provide division- and unit-level medical support to divisional units, as required.

Assignment. Organic to division support command, airborne division, TOE 29–51H.

Capabilities. a. Provides ambulance evacuation.

b. Furnishes clearing station treatment.

c. Manages psychiatric problems.

d. Provides unit-level medical service on an area basis.

e. Provides division-level medical supply and organizational medical equipment maintenance support for units organic or attached to the division.

Mobility. Mobility of units organic to this battalion is included in appropriate component TOE extracts.

Strength.

a.	Level 1:	Off 59	WO 1	EM 307	Aggr 367
b.	Level 2:	Off 51	WO 1	EM 284	Aggr 336
c.	Level 3:	Off 46	WO 1	EM 255	Aggr 302

Summary of equipment. See table 2–19.

TOE 8–66H HQ and Spt Co, Med Bn (4)

Mission. a. To provide command, control, administration, and logistic support for the medical battalion and to plan for its employment.

b. To provide division- and unit-level medical service, as required, on an area basis to divisional units operating in the division rear area.

Assignment. Organic to medical battalion, division support command, airborne division, TOE 8–65H.

Capabilities. a. Plans for and provides command, control, and supervision of division- and unit-level medical service rendered by elements of the medical battalion and attached units.

b. Provides division-level medical supply support and organizational medical equipment maintenance support for units organic or attached to the division.

c. Performs battalion-level organizational vehicular maintenance for organic elements.

d. Receives, sorts, and temporarily provides medical and surgical treatment for 80 patients.

e. Provides emergency dental treatment.

f. Evacuates patients from unit aid stations.

g. Furnishes unit-level medical support on an area basis to divisional units having no organic medical element.

h. Provides intradivisional transportation of medical supplies and equipment.

i. May be used in an emergency as a unit replacement for one of the medical companies operating in support of a brigade when the division base has been provided medical support by the next higher echelon of medical service.

j. Provides optometric service and presurfaced single-vision prescription spectacle fabrication and repair services for units organic or attached to the division.

Mobility. a. Fifty percent mobile in organic vehicles.

b. One hundred percent air transportable.

Strength.

a. Level 1: Off 29 WO 1 EM 112 Aggr 142
b. Level 2: Off 27 WO 1 EM 104 Aggr 132
c. Level 3: Off 25 WO 1 EM 93 Aggr 119

Summary of equipment. See table 2–19.

TOE 8–67H Med Co, Med Bn (2)

Mission. To provide division- and unit-level medical support, as required, on an area basis to divisional units operating in the brigade area.

Assignment. Organic to medical battalion, division support command, airborne division, TOE 8–65H.

Capabilities. a. Receives, sorts, and temporarily provides medical and surgical treatment for 80 patients. When the division generates an abnormally high patient workload, the clearing platoon can expand its facilities to accommodate 120 patients for a limited period.

b. Provides emergency dental treatment.

c. Evacuates patients from unit aid stations.

d. Furnishes unit-level medical support on an area basis to divisional units having no organic medical element.

e. Provides intradivisional transportation of medical supplies and equipment.

f. When required to support more than four combat battalions, clearing station and evacuation elements must be augmented.

Mobility. a. Forty percent mobile in organic vehicles.

b. One hundred percent air transportable.

Strength.

a. Level 1: Off 10 WO 0 EM 65 Aggr 75
b. Level 2: Off 8 WO 0 EM 60 Aggr 68
c. Level 3: Off 7 WO 0 EM 54 Aggr 61

Summary of equipment. See table 2–19.

TOE 12–17H AG Co, DISCOM, Abn Div

Mission a. To provide centralized personnel and administrative support services, less finance services, to all personnel and units assigned or attached to the division.

b. To promote and maintain the morale and esprit de corps of troops by providing suitable music for military formations, light concerts, and recreation activities.

c. To provide an element of the division headquarters rear echelon.

Assignment. Organic to support command, airborne division, TOE 29–51H.

Capabilities. a. Provides centralized personnel and administrative support for personnel and units assigned or attached to an airborne division of approximately 15,000 troops.

b. Provides logistic support of and plans for tactical security for staff agencies assigned to the company.

c. Provides flexible support to detached maneuver battalions through forming forward area support teams.

d. Provides the following types of music:

(1) Military.

(2) Dance.

(3) Miscellaneous (radio/TV music combination and stage shows).

Mobility. a. This unit is authorized approximately 48,350 pounds (3,800 cubic feet) of TOE equipment requiring transportation. Non-TOE equipment and supplies constitute approximately 47,300 pounds (3,150 cubic feet).

b. On a move to a new location using one lift by organic assets, this unit can move approximately 30 personnel and 42,000 pounds (3,350 cubic feet) of equipment and supplies.

Strength.

a. Level 1: Off 12 WO 6 EM 237 Aggr 255
b. Level 2: Off 12 WO 6 EM 231 Aggr 249
c. Level 3: Off 11 WO 6 EM 216 Aggr 233

Summary of equipment. See table 2–18.

TOE 14–37H Fin Co, DISCOM

Mission. To provide finance services to all units assigned or attached to the division.

Assignment. Organic to division support command, airborne division, TOE 29–51.

Capabilities. a. Provides JUMPS-Army finance services to all personnel and units assigned or attached to the division, to include military pay, travel pay, quality assurance/edit, and financial disbursing.

b. Forms area support teams to provide finance services to divisional elements located in outlying areas as required.

Mobility. a. This unit is authorized approximately 43,100 pounds (17,000 cubic feet) of TOE equipment requiring transportation. Non-TOE equipment and supplies constitute approximately 56,700 pounds (3,800 cubic feet).

b. On a move to a new location using one lift by organic assets, the unit can move approximately 10 personnel and 6,000 pounds (500 cubic feet) of equipment and supplies.

Strength.

a.	Level 1:	Off 6	WO 0	EM 79	Aggr 85
b.	Level 2:	Off 6	WO 0	EM 74	Aggr 80
c.	Level 3:	Off 6	WO 0	EM 69	Aggr 75

Summary of equipment. See table 2–18.

TOE 29–53H Div Mat Mgt Cen (4)

Mission. To provide supply management for all division materiel less class VIII, COMSEC equipment, rail mission-type equipment, and classified maps.

Assignment. Organic to division support command, airborne division, TOE 29–51.

Capabilities. This unit—

a. Provides supply management for classes I (includes water distribution), II (includes unclassified map supply), III, IV, V, VI, VII, and IX supplies, less COMSEC equipment, rail mission-type equipment, and classified maps.

b. Determines requirements for development and technical supervision of:

(1) Division authorized stockage lists.

(2) Division operational readiness items list.

c. Procures and directs the distribution of all

supplies received by the division for which the center is responsible.

d. With ADP support provided by the division data center:

(1) Manages the division master property records and maintains the division property book.

(2) Maintains the Army equipment status reporting data and manages the Army equipment status reporting system for the division.

(3) Manages the division class IX (repair parts) supply system to include development, approval, and maintenance of ASL's and PLL's.

Mobility. a. Twenty percent mobile in organic vehicles

b. One hundred percent air transportable in US Air Force C—130 or C—141 aircraft, except for one 6-ton semitrailer, van, expansible.

c. One hundred percent air transportable in US Air Force C—5 aircraft.

Strength.

a. Level 1: Off 15 WO 12 EM 108 Aggr 135
b. Level 2: Off 15 WO 12 EM 104 Aggr 131
c. Level 3: Off 15 WO 12 EM 96 Aggr 123

Summary of equipment. See table 2—18.

TOE 29—45H S&S Bn (No change)

Mission. a. To provide all classes and items of supply required by division elements except class VIII and IX supplies, supplies peculiar to COMSEC equipment, rail mission-type equipment, aircraft, and class IV approved operational project items.

b. To provide and operate limited motor transport service for administrative and logistic support.

c. To provide airdrop equipment support, to include parachute maintenance, packing, and exchange service in support of division operations. To render inspection and technical assistance to divisional elements engaged in preparing and loading of supplies and equipment for airdrop and in the recovery and evacuation of airdrop equipment.

d. To provide clothing exchange, bath, and graves registration services when authorized by augmentation.

Assignment. Organic to division support command, airborne division, TOE 29—51.

Capabilities. a. Commands and controls the supply and service battalion organic and attached units.

b. Provides the division support command commander and his staff with advice/data relating to supply and service matters.

c. Establishes and operates division and brigade supply and distribution points providing for receipt, temporary storage, and issue of all classes of supply and equipment for which the battalion has been assigned responsibility.

d. Prepares sling loads of supplies and equipment for helicopter lift.

e. Provides and maintains division reserve of supplies and equipment for which the battalion is responsible.

f. Plans and coordinates requirements for, and utilization of, air and ground transport to support the battalion supply and distribution mission.

g. Exercises technical supervision over supply and service training throughout the division.

h. Provides and operates limited motor transport service within the division base of operations for administrative and logistic support.

i. Provides unclassified map supply service to the division and attached units.

j. Plans and coordinates division support requirements for laundry and the evacuation of salvage property (exclusive of toxic agents, medical materiel, explosives, aircraft, and COMSEC equipment) provided by nondivisional units.

k. When the mission includes distribution of bulk petroleum and/or perishable subsistence by land lines of communication, teams from the quartermaster service organization, TOE 10—500, or other theater assets, as appropriate, must be provided to support this mission.

Mobility. For mobility of the components of this battalion, see Section I, General, of each applicable TOE.

Strength.

a. Level 1:	Off 27	WO 6	EM 580	Aggr 613
b. Level 2:	Off 27	WO 6	EM 532	Aggr 565
c. Level 3:	Off 26	WO 5	EM 455	Aggr 486

Summary of equipment. See table 2—18.

TOE 29—46H HHD, S&S Bn (4)

Mission. a. To provide command, control, administration, and supervision of operations for the supply and service battalion.

b. To plan and supervise the establishment and operation of division and brigade supply and distribution points.

Assignment. Organic to supply and service battalion, airborne division, TOE 29—45.

Capabilities. a. Commands and controls the supply and service battalion organic and attached units.

b. Provides the division support command commander and his staff with data on supply and service operational matters.

c. Plans and supervises the establishment and operation of division and brigade supply and distribution points.

d. Provides, in coordination with the division materiel management center, for the temporary storage and distribution of supplies and equipment including distribution of water and unclassified maps received by the division, except class VIII and IX supplies, aircraft, COMSEC equipment, and classified maps.

e. Coordinates utilization of air and ground transport to support the battalion supply and distribution mission as directed by the division materiel management center.

f. Coordinates and supervises division cargo airdrop operations.

g. Coordinates and supervises inventories of supplies and equipment as directed by the division materiel management center.

Mobility. a. Forty percent mobile in organic vehicles.

b. One hundred percent air transportable in US Air Force C—130 or C—141 aircraft, except one truck, wrecker, 5-ton.

c. One hundred percent air transportable in US Air Force C—5 aircraft.

Strength.

a. Level 1:	Off 9	WO 1	EM 58	Aggr 68
b. Level 2:	Off 9	WO 1	EM 55	Aggr 65
c. Level 3:	Off 8	WO 1	EM 52	Aggr 61

Summary of equipment. See table 2—18.

TOE 29—47H Main S&S Co, S&S Bn (4)

Mission. a. To provide for the receipt, storage, and issue of supplies for which it is responsible. Maintain prescribed reserves of supplies.

b. To operate the division central issue facility.

c. To operate a fire extinguisher refill and exchange facility.

d. To provide and operate a limited motor transport service for administrative and logistic support.

e. When authorized appropriate augmentation, provides clothing exchange, bath, and graves registration services.

Assignment. Organic to the supply and service battalion, airborne division, TOE 29—45.

Capabilities. a. Receives, provides temporary storage for, and issues class I, II, IV (less

approved operational project items), V, and VII supplies and equipment; water and unclassified maps, less those supplies peculiar to COMSEC equipment, automatic data processing, rail, airdrop, and aircraft type equipment.

b. Operates supply and distribution points for the classes of supply handled in the division base, and supports the brigade base's supply and distribution points.

c. Receives and provides temporary storage for class III supplies. Under direction of the division materiel management center, controls and supervises the operation of the division class III transfer and distribution points, and employment of bulk fuel containers used for unit distribution of class III supplies, the limited operation of mobile filling stations for both ground vehicles and aircraft, and storage of the division reserve of bulk class III supplies.

d. Provides and maintains the division reserve of supplies and equipment for which the unit is responsible.

e. Provides and operates limited motor transport service within the division base of operations for administrative and logistic support.

f. Coordinates and transmits requests from user to division materiel management center.

g. Provides nucleus for a central issue facility for the stockage, issue, exchange, inspection, and turn-in of organizational clothing and equipment.

Mobility. a. Five percent mobile in organic vehicles.

b. One hundred percent air transportable in US Air Force C—130 or C—141 aircraft except six trucks, cargo, 5-ton.

c. One hundred percent air transportable in US Air Force C—5 aircraft.

Strength.

a. Level 1: Off 7 WO 2 EM 150 Aggr 159
b. Level 2: Off 7 WO 2 EM 144 Aggr 153
c. Level 3: Off 7 WO 2 EM 112 Aggr 121

Summary of equipment. See table 2—18.

TOE 29—48H Fwd S&S Det, S&S Bn (4)

Mission. a. To support one divisional brigade by providing for the receipt, storage, and issue of all classes of supplies including unclassified maps and water, as required, less class VIII and IX, and those supplies peculiar to COMSEC equipment; rail mission-type equipment; airdrop equipment and aircraft; and class IV operational project items.

b. To provide clothing exchange, bath, graves registration, and cargo handling services when authorized augmentation.

Assignment. Organic to supply and service battalion, airborne division, TOE 29—45.

Capabilities. a. Operates a distribution point to receive, provide temporary storage for, and issue class I, II, III (packaged), IV (less operational project stocks), V, VI, and VII supplies except classified maps, rail and airdrop type equipment, aircraft, and those items peculiar to COMSEC equipment.

b. Receives and provides temporary storage for class III supplies. Under the direction of the division materiel management center, controls and supervises the operation of the brigade class III transfer and distribution point, and employment of bulk fuel containers used for unit distribution of class III supplies, the operation of limited filling station and storage of brigade reserves of bulk class III supplies.

c. Maintains prescribed reserves of supplies.

d. Transmits user requirements for supplies to the division materiel management center.

e. Coordinates clothing exchange and bath activities. Coordinates brigade laundry requirements with battalion headquarters.

Mobility. a. Thirty percent mobile in organic vehicles.

b. One hundred percent air transportable in US Air Force C—130 and C—141 aircraft.

Strength.

a. Level 1:	Off 2	WO 0	EM 47	Aggr 49
b. Level 2:	Off 2	WO 0	EM 43	Aggr 45
c. Level 3:	Off 2	WO 0	EM 36	Aggr 38

Summary of equipment. See table 2–18.

TOE 10–337H QM Airdrop Equip Spt Co (4)

Mission. To support an airborne division by providing—

a. Acquisition, inspection, packing, storage, maintenance, and issue of airdrop equipment required for airdrop of personnel, supplies, and equipment.

b. Inspection and technical assistance in packing, rigging, and loading supplies and equipment.

Assignment. Organic to division support command, airborne division, TOE 29–51H.

Capabilities. Supports, as indicated below, an airborne division with a strength of 12,500 personnel under operational conditions. To provide the installation and typical training support required during the buildup of organic units of the division, team EG from TOE 10–500G must be assigned.

a. Requisitions, receives, stores, and issues airdrop items.

b. Inspects and packs parachutes.

c. Inspects and provides technical assistance in packing, rigging, and loading supplies and equipment.

d. Provides organizational maintenance for quartermaster airdrop items.

e. Supervises and assists in the recovery and evacuation of airdrop equipment after drop.

f. Provides flexible organizations to support division operational requirements.

g. Provides technical assistance in sling-load training and operations.

h. Provides a pool of airdrop equipment for the division.

i. For prolonged combat periods, must be supported by a nondivisional quartermaster airdrop supply company, TOE 10–407H, to provide continuing daily airdrop support.

j. Depends on the division administration company, TOE 12–87H, for personnel administrative support.

Mobility. a. Ten percent mobile in organic vehicles.

b. One hundred percent air transportable.

Strength.

a. Level 1:	Off 5	WO 3	EM 231	Aggr 239
b. Level 2:	Off 5	WO 3	EM 204	Aggr 212
c. Level 3:	Off 5	WO 2	EM 183	Aggr 190

Summary of equipment. See table 2–18.

TOE 29–55H Maint Bn (1)

Mission. To provide direct support maintenance for all divisional materiel, except for medical, cryptographic, and quartermaster air items.

Assignment. Organic to division support command, airborne division, TOE 29–51H.

Capabilities. a. Performs 100 percent direct support maintenance on all authorized divisional equipment, except medical and cryptographic, of a type of airborne division consisting of the division base and nine infantry battalions.

b. Provides technical assistance service to the division.

c. Secures, stocks, and issues repair parts pertaining to the equipment in the division, except for medical, cryptographic, and quartermaster air items.

d. Maintains an operational readiness float of selected items.

e. Provides limited vehicular evacuation assistance to supported units.

f. Depends on other units for medical, dental, and religious services and personnel administration.

Mobility. For mobility of the components of this battalion, see Section I, General, of each applicable TOE.

Strength.

a. Level 1: Off 28 WO 14 EM 701 Aggr 743
b. Level 2: Off 28 WO 14 EM 686 Aggr 728
c. Level 3: Off 27 WO 14 EM 658 Aggr 699

Summary of equipment. See table 2—19.

TOE 29—56H Hq & Main Spt Co

Mission. a. To provide command and control of the maintenance battalion, airborne division.

b. To provide direct support maintenance and repair parts supply for mechanical, armament, construction and communication equipment, commensurate with stated capabilities.

c. To provide the base of supply for repair parts, excluding aviation and missile peculiar, within the maintenance battalion.

d. To provide maintenance for those items not maintained by the forward support company.

e. To provide backup direct support maintenance for the forward support company.

Assignment. Organic to maintenance battalion, division support command, airborne division, TOE 29—55H.

Capabilities. This unit provides the following annual manhours of productive maintenance (Approximate):

	Level 1	*Level 2*	*Level 3*
Artillery Repair	2,700	2,700	2,700
Automotive Repair	102,600	102,600	102,600
Engineer Equipment Repair	18,900	18,900	18,900
Power Generation Equipment Repair	48,600	48,600	48,600
Chemical Equipment Repair	5,400	5,400	5,400
Office Machine Repair	5,400	5,400	5,400
QM Equipment Repair	16,200	16,200	16,200
Small Arms Repair	5,400	5,400	5,400
Fire Control Instrument Repair	5,400	5,400	5,400
Canvas Repair	5,400	5,400	5,400
Metalworking	21,600	21,600	21,600
Refrigeration	8,100	8,100	8,100
Electrical & Electronic Devices Repair	8,100	8,100	8,100
Communications Equipment Repair	29,700	29,700	29,700
Radar Repair	10,800	10,800	10,800
Tank Turret Repair	29,700	29,700	29,700

NOTE: Availability criteria based on category II unit, allowing 2,700 annual productive manhours per repairman.

Mobility. a. This unit is authorized approximately 149,400 pounds (17,200 cubic feet) of TOE equipment requiring transportation for a tactical move. Non-TOE equipment and supplies constitute approximately 62,800 pounds (2,850 cubic feet).

b. In a tactical move, using one lift by organic vehicles and aircraft, the unit can move approximately 49 personnel and 27,000 pounds (3,800 cubic feet) of equipment and supplies.

Strength.

a. Level 1: Off 4 WO 6 EM 213 Aggr 233
b. Level 2: Off 4 WO 6 EM 212 Aggr 232
c. Level 3: Off 3 WO 6 EM 210 Aggr 229

TOE 29—58H Fwd Spt Co, Maint Bn (4)

Mission. To provide direct support maintenance and repair parts supply for mechanical armament, construction, and commercial equipment normally in a brigade and its attached units of the division commensurate with stated capabilities.

Assignment. Organic to the maintenance battalion, airborne division, TOE 29—55.

Capabilities. a. This unit:

(1) Provides the following annual man-hours of productive maintenance (approximate):

Type	*Level 1*	*Level 2*	*Level 3*
Automotive repair	43,200	40,500	37,800
Engineer equipment repair	5,400	5,400	5,400
Power generation equipment repair	16,200	16,200	16,200
QM light equipment repair	2,700	2,700	2,700
Artillery repair	2,700	2,700	2,700
Small arms repair	5,400	5,400	5,400
Fire control instrument repair	5,400	5,400	5,400
Metalworking	2,700	2,700	2,700
Electrical and electronic devices repair	18,900	18,900	18,900
Communications equipment repair	13,500	13, 13,500	13,500
Tank turret repair	8,100	5,400	5,400

NOTE: Availability criteria based on category II unit, allowing 2,700 annual productive man-hours per repairman.

(2) Provides limited vehicular recovery assistance to supported units.

(3) Maintains a limited stockage of approximately 2,000 lines of repair parts to satisfy the requirements of supported units.

(4) Operates a direct exchange service for selected items.

b. The columns under level 2 and 3 adapt this table for capabilities commensurate with the density of equipment authorized the division at those levels.

c. The columns designated by level 1 through 3 are designed to relate to the categories established by AR 220—1, *Unit Readiness Reporting.*

d. Augmentation increases the capabilities of this unit to the extent provided by the augmentation personnel and equipment.

e. Individuals of this unit can engage in effective, coordinated defense of the unit's area or installation.

Mobility. a. Twenty-five percent mobile in organic vehicles.

b. One hundred percent air transportable in US Air Force C—130 or C—141 aircraft, except truck, wrecker 5-ton.

c. One hundred percent air transportable in US Air Force C—5A aircraft.

Strength.

a. Level 1: Off 2 WO 1 EM 62 Aggr 65
b. Level 2: Off 2 WO 1 EM 81 Aggr 84
c. Level 3: Off 2 WO 1 EM 81 Aggr 84

Summary of equipment. See table 2—19.

TOE 55–99H Trans Acft Maint Co, Maint Bn (4)

Mission. To provide direct support aircraft maintenance capability as an integral part of DISCOM.

Assignment. Organic to maintenance battalion, division support command, airborne division, TOE 29—55H.

Capabilities. a. Provides 9,400 man-hours per month for direct support aircraft maintenance, to include contact teams for onsite repair of aircraft.

b. Provides 800 man-hours per month for direct support maintenance on avionic equipment.

c. Provides 800 man-hours per month for direct support maintenance on aircraft armament systems.

d. Provides a division collecting point for unserviceable, unreparable aircraft.

e. Receives, stores, and issues aircraft armament and aircraft and avionic repair parts to supported units.

Mobility. a. Twelve percent mobile in organic vehicles.

b. One hundred percent air transportable in medium transport aircraft.

Strength.

a. Level 1: Off 5 WO 5 EM 180 Aggr 190
b. Level 2: Off 5 WO 5 EM 169 Aggr 179
c. Level 3: Off 5 WO 5 EM 148 Aggr 158

Summary of equipment. See table 2–19.

TOE 9–559H Ord Msl Spt Co, Maint Bn (3)

Mission. To provide direct support maintenance and receipt, storage, and issue of repair parts for land combat and light air defense missile system nonexplosive guidance and control components, forward area alert radar (FAAR) and related items. Equipment supported includes system electronics, missile ground guidance, handling and launching equipment, batteries and chargers, related night sight and tactical trainers.

Assignment. Organic to the maintenance battalion, airborne division, TOE 29–55.

Capabilities. a. This unit:

(1) Provides under SRC 09559H310:

(a) Two missile platoons with maintenance support capabilities as follows:

	Level 1
Shillelagh missile systems	54
Vulcan electronics and radar	48
TOW missile systems	3
FAAR	8

(b) The following annual man-hours of productive maintenance (approximate):

	Level 1
Land combat support system (LCSS) test equipment repair	10,800
Shillelagh (SHIL) missile system repair	21,600
Wire-guided missile system repair (TOW)	2,700
Light air defense system electronics repair (VULCAN)	40,500
Combat area surveillance radar repair (FAAR)	21,600
Electronic instrument repair	5,400

(2) Provides under SRC 09559H320:

(a) Two missile platoons with maintenance support capabilities as follows:

	Level 1
Shillelagh missile system	54
Vulcan electronics and repair	48
TOW missile systems	57
FAAR	8

(b) The following annual man-hours of productive maintenance (approximate):

	Level 1
Land combat support system (LCSS) test equipment repair	13,500
Shillelagh missile system repair	21,600
Wire-guided missile system repair (TOW)	24,300
Light air defense system electronics repair (VULCAN)	40,500
Combat area surveillance radar repair (FAAR)	21,600
Electronic instrument repair	5,400

(3) Receives, stores, and issues class IX supplies peculiar to land combat and light air defense support systems to support mission shop stock, and user requirements based on the approved authorized stockage list from the division materiel management center.

(4) Provides quality assurance/quality control inspection for system equipment supported.

(5) Provides contact teams for on-site repair of Vulcan electronics, FAAR, TOW, and Shillelagh.

Mobility. a. Twenty percent mobile in organic vehicles.

b. One hundred percent air transportable in C–130 or C–141 aircraft, except one radar antenna drive repair shop, truck mounted.

c. One hundred percent air transportable in C–5 aircraft.

Strength.

a. Level 1: Off 3 WO 4 EM 82 Aggr 89
b. Level 2: Off 3 WO 4 EM 82 Aggr 89
c. Level 3: Off 3 WO 3 EM 81 Aggr 87

Summary of equipment. See table 2–19.

TOE 17–275H Air Cav Sqdn (No change)

Mission. To perform reconnaissance and security to accomplish surveillance tasks and to engage in offensive, defensive, and retrograde operations as an economy of force unit.

Assignment. Organic to airborne division, TOE 57H.

Capabilities. a. Performs air and ground reconnaissance, security and economy of force missions as required to accomplish offensive, defensive, and retrograde operations.

b. Acts as a security or screening force for airborne operations.

c. Executes surveillance tasks as required.

d. Collects and reports reconnaissance information of intelligence value, including acquisition of actual or potential conventional, chemical, and nuclear targets and resulting damage assessment of fires from all services.

e. Assists in exploiting the success of other units and the effects of mass destruction weapons, including conventional strategic bombardment/heavy naval gunfire, or chemical and nuclear weapon systems.

f. Provides limited antitank defense for an airborne operation.

g. Conducts chemical agent detection and radiological monitoring and survey operations.

h. Conducts semi-independent combat operations, when suitably reinforced.

i. Participates in rear area damage control and rear area security operations.

j. Executes parachute landing as required.

k. This unit is not adaptable to type B organization.

l. This unit is dependent upon:

(1) Appropriate units of the DISCOM for personnel administration and finance services; for inspection and technical assistance in packing, rigging, and loading of supplies and equipment for airdrop; for inspection and packing of parachutes for airdrop operations; and for transportation of a portion of the unit's basic loads of class III and V.

(2) The appropriate teams from TOE 5—510, engineer fire fighting teams, and TOE 29—500 for aircraft fire/crash rescue support.

m. The capabilities of this unit are increased to the extent provided by the augmentation personnel and equipment in organic tables. See Section I, General, of each applicable TOE.

Mobility. For mobility of the organizational components of this unit, see Section I, General, of the respective TOE's.

Strength.

a. Level 1:	Off 75	WO 97	EM 755	Aggr 927
b. Level 2:	Off 75	WO 91	EM 669	Aggr 835
c. Level 3:	Off 74	WO 85	EM 586	Aggr 745

Summary of equipment. See table 2—20.

TOE 17—276H HHT, Air Cav Sqdn (3)

Mission. To provide command, control, and supervision of the air cavalry squadron, airborne division.

Assignment. Organic to the air cavalry squadron, TOE 17—275.

Capabilities. At level 1, this unit:

a. Commands, controls, provides staff planning, and supervises operations of organic and attached units.

b. Provides unit-level supply, medical, mess, and transportation services for the squadron.

c. Provides aircraft for command, control, and liaison by the commander and his staff.

d. Provides limited air defense support for the squadron.

Mobility. a. One hundred percent mobile in organic vehicles and aircraft.

b. One hundred percent air transportable in medium transport aircraft.

Strength.

a. Level 1:	Off 19	WO 7	EM 225	Aggr 251
b. Level 2:	Off 19	WO 7	EM 202	Aggr 228
c. Level 3:	Off 19	WO 7	EM 176	Aggr 202

Summary of equipment. See table 2—20.

TOE 17–277H Cav Trp, Air Cav Sqdn (1)

Mission. To perform reconnaissance and security, to accomplish surveillance tasks, and to engage in offensive, defensive, and retrograde operations as an economy of force unit.

Assignment. Organic to the air cavalry squadron, TOE 17—275.

Capabilities. At level 1, this unit:

a. Performs reconnaissance, security, and economy of force missions as required to accomplish offensive, defensive, and retrograde operations.

b. Acts as a security or screening force for airborne operations or for limited airmobile operations.

c. Executes surveillance tasks, as required.

d. Collects and reports reconnaissance information of intelligence value, including acquisition of actual or potential, conventional, chemical, and nuclear targets and resulting damage assessment of fires from all services.

e. Assists in exploiting the success of other units and the effects of mass destruction weapons, including conventional strategic bombardment/heavy naval gunfire of chemical and nuclear weapon systems.

f. Provides limited antitank defense for an airborne operation.

g. Conducts chemical agent detection and radiological monitoring and survey operations.

h. Participates in rear area damage control and rear area security.

i. Executes parachute landing as required.

Summary of equipment. See table 2—20.

TOE 17–278H Air Cav Trp, Air Cav Sqdn

Mission. To perform reconnaissance and security, to accomplish surveillance tasks, and to engage in offensive, defensive, and retrograde operations as an economy of force unit.

Assignment. Organic to the air cavalry squadron, TOE 17—275.

Capabilities. At level 1, this unit:

a. Performs reconnaissance, security, and economy of force missions as required to accomplish offensive, defensive, and retrograde operations.

b. Acts as a security or screening force for airborne operations.

c. Executes surveillance tasks as required.

d. Collects and reports reconnaissance information of intelligence value, including acquisition of actual or potential, conventional, chemical, and nuclear targets and resulting damage assessment of fires from all services.

e. Assists in exploiting the success of other units and the effects of mass destruction weapons, including conventional strategic bombardment/heavy naval gunfire of chemical and nuclear weapons.

f. Conducts semi-independent combat operations when suitably reinforced.

g. Conducts chemical agent detection and radiological monitoring and survey operations.

h. Participates in rear area damage control and rear area security operations.

i. Executes parachute landings as required.

Mobility. a. One hundred percent mobile in organic vehicles and aircraft.

b. One hundred percent air transportable in US Air Force C—130 or C—141 aircraft.

Strength.

a. Level 1:	Off 17	WO 30	EM 134	Aggr 181
b. Level 2:	Off 17	WO 28	EM 117	Aggr 162
c. Level 3:	Off 17	WO 26	EM 102	Aggr 145

Summary of equipment. See table 2—20.

TOE 17–215H Armor Bn (No change)

Mission. To provide antiarmor protection, security and reconnaissance to the airborne division. To close with and destroy enemy forces, using fire, maneuver, and shock effect in coordination with other arms.

Assignment. To the airborne division, TOE 57 or to the separate airborne brigade, TOE 57–100.

Capabilities. a. Conducts operations requiring direct heavy caliber firepower, armor protection, and the highest order of tactical mobility including a swim capability and airborne deployment.

b. Attacks or counterattacks under hostile fires.

c. Destroys enemy forces to include enemy armor and mechanized forces.

d. Supports infantry by fire, maneuver, and shock effect.

e. Moves rapidly cross country or swims inland waterways to exploit the effects of mass destruction weapons.

f. Conducts combat operations under limited visibility conditions employing night vision devices and ground surveillance equipment.

g. Conducts separate operations when reinforced.

h. Participates in airborne operations.

i. Participates in strategic air transported operations.

Mobility. For mobility of the components of this battalion, see Section I, General, of each applicable TOE.

Strength.

a.	Level 1:	Off 31	WO 2	EM 440	Aggr 473
b.	Level 2:	Off 29	WO 2	EM 398	Aggr 429
c.	Level 3:	Off 25	WO 2	EM 353	Aggr 380

Summary of equipment. See table 2–20.

TOE 17–216H HHC, Armor Bn (4)

Mission. To provide command, staff, administrative, communication, supply, maintenance, and medical support for the armored battalion, airborne division.

Assignment. Organic to the armor battalion (airborne), TOE 17–215.

Capabilities. a. Commands, controls, provides staff planning, furnishes communications, and supervises operations.

b. Provides battalion logistic support to include in-transit storage.

c. Provides battalion level organizational maintenance on vehicles organic to the battalion.

d. Provides centralized (battalion) and decentralized (company) messes as required.

e. Provides unit level medical services including evacuation and the establishment and operation of a battalion aid station.

Mobility. a. One hundred percent mobile in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a.	Level 1:	Off 16	WO 2	EM 197	Aggr 215
b.	Level 2:	Off 14	WO 2	EM 179	Aggr 195
c.	Level 3:	Off 13	WO 2	EM 158	Aggr 173

Summary of equipment. See table 2–20.

TOE 17–218H Armor Co, Armor Bn (4)

Mission. To provide antiarmor protection, security, and reconnaissance to airborne units as required. To close with and destroy enemy forces, using fire, maneuver, and shock effect, in coordination with other arms.

Assignment. Organic to armor battalion (airborne), TOE 17–215.

Capabilities. a. Attacks or counterattacks under hostile fire.

b. Supports infantry by fire, maneuver, and shock effect.

c. Destroys enemy armor by fire.

d. Rapidly exploits the effect of mass destruction weapons.

e. Provides organic nonnuclear fire support.

f. Provides security and reconnaissance for airborne units as required.

Mobility. a. One hundred percent mobile in organic vehicles.

b. One hundred percent air transportable in medium transport aircraft.

Strength.

a. Level 1: Off 5 WO 0 EM 81 Aggr 86
b. Level 2: Off 5 WO 0 EM 73 Aggr 78
c. Level 3: Off 4 WO 0 EM 65 Aggr 69

Summary of equipment. See table 2–20.

TOE 7–35H Inf Bn, Abn Div (1)

Mission. To close with the enemy by means of fire and maneuver to destroy or capture him or to repel his assault by fire, close combat, and counterattack.

Assignment. Organic to airborne division, TOE 57H.

Capabilities. a. Closes with the enemy by means of fire and maneuver to destroy or capture him.

b. Repels enemy assault by fire, close combat, and counterattack.

c. Provides a base of fire and maneuver elements.

d. Seizes and holds terrain.

e. Conducts independent operations on a limited scale.

f. Furnishes limited antitank protection.

g. Provides indirect fire support for organic and attached units.

h. Conducts long-range patrolling, when appropriately equipped.

i. Participates in air-transported (airmobile) operations, when provided sufficient transportation.

j. Maneuvers in all types of terrain and under all climatic conditions.

k. Capable of frequent airborne assault by parachute or assault aircraft with minimum marshaling and planning procedures.

Mobility. For mobility of the components of this battalion, see Section I, General, of each applicable TOE.

Strength.

a. Level 1: Off 36 WO 2 EM 738 Aggr 776
b. Level 2: Off 36 WO 2 EM 684 Aggr 722
c. Level 3: Off 31 WO 2 EM 618 Aggr 651

Summary of equipment. See table 2–20.

TOE 7–36H HHC, Inf Bn, Abn Div (10)

Mission. To provide command, staff, administration, ground surveillance, heavy mortar, reconnaissance, antitank, communications, supply, maintenance, and medical support for the infantry battalion, airborne division.

Assignment. Organic to infantry battalion, airborne division, TOE 7–35H.

Capabilities. a. Provides command, control, staff planning, and supervision of operations of organic and attached elements of the infantry battalion.

b. Provides ground radar surveillance and reconnaissance.

c. Provides antitank and heavy mortar support.

d. Provides administration, supply, and organizational maintenance support.

e. Provides centralized (battalion) or decentralized (company) messing, as required.

f. Provides communication support.

g. Provides medical support, to include emergency medical treatment and evacuation facilities, operation of the battalion aid station, and supervision of sanitation.

h. Conducts foot, mobile, motorized, air-mobile, and joint airborne operations, as required.

Mobility. a. Sixty percent mobile in organic transportation.

b. One hundred percent mobile in medium transport aircraft.

Strength.

a. Level 1: Off 12 WO 2 EM 128 Aggr 142
b. Level 2: Off 12 WO 2 EM 117 Aggr 131
c. Level 3: Off 11 WO 2 EM 106 Aggr 119

Summary of equipment. See table 2–20.

TOE 7–37H Rifle Co, Inf Bn, Abn Div (10)

Mission. To close with the enemy by means of fire and maneuver to destroy or capture him or to repel his assault by fire, close combat, and counterattack.

Assignment. Organic to infantry battalion, airborne division, TOE 7–35H.

Capabilities. a. Closes with the enemy by means of fire and maneuver to destroy or capture him.

b. Repels enemy assault by fire, close combat, and counterattack.

c. Provides a base of fire and maneuver.

d. Seizes and holds terrain.

e. Maneuvers in all types of terrain and under all climatic conditions.

f. Capitalizes on all forms of mobility.

g. Conducts parachute assaults.

h. Depends on HHC, infantry battalion, TOE 7–36H, for mess facilities, when centralized at battalion level, and on the division administration company, TOE 12–87H, for personnel services.

Mobility. a. Ten percent mobile in organic vehicles.

b. One hundred percent air transportable in medium transport aircraft.

Strength.

a. Level 1: Off 6 WO 0 EM 165 Aggr 171
b. Level 2: Off 6 WO 0 EM 154 Aggr 160
c. Level 3: Off 5 WO 0 EM 139 Aggr 144

Summary of equipment. See table 2–20.

TOE 7–38H Cbt Spt Co (10)

Mission. To provide reconnaissance, ground surveillance, indirect fire support, antitank support, and limited air defense support for the infantry battalion (airborne), airborne division.

Assignment. Organic to infantry battalion (airborne), airborne division, or infantry battalion (airborne), separate airborne brigade, TOE 7–35.

Capabilities. a. Provides ground radar surveillance and reconnaissance.

b. Provides antitank and mortar support.

c. Provides limited air defense support.

d. Performs organizational maintenance on organic equipment.

e. Maneuvers in all types of terrain under all climatic conditions.

f. Capitalizes on all forms of mobility.

g. Participates in infantry operations and parachute assaults.

Mobility. a. One hundred percent mobile in organic transportation.

b. One hundred percent air transportable in medium transport aircraft.

Strength.

a. Level 1: Off 6 WO 0 EM 115 Aggr 121
b. Level 2: Off 6 WO 0 EM 105 Aggr 111
c. Level 3: Off 5 WO 0 EM 95 Aggr 100

Summary of equipment. See table 2–20.

TOE 7–107H Antiarmor Company

Mission. To provide antiarmor support to infantry combat units.

Assignment. Assigned to corps, the infantry divisions, and separate brigades as required.

Capabilities. This unit:

a. Provides antiarmor support to infantry combat units.

b. Provides command, control, planning and training organic elements of the unit.

c. Performs organizational maintenance on organic equipment limited to that which can be accomplished with the mechanics tool kit, lightweight.

d. Provides wheel vehicle mechanics to the parent/supported unit maintenance section to assist in the maintenance of unit equipment.

Basis of allocation. a. To corps as required based on stated capabilities.

b. Three to infantry, airborne, airmobile, and mechanized infantry divisions, when authorized at that level.

c. One to the separate infantry, airborne, and mechanized infantry brigades, when authorized at that level.

Category. I.

Mobility. a. This unit is authorized approximately 9100 pounds (800 cubic feet) of TOE equipment requiring transportation. Non-TOE equipment and supplies constitute approximately 40,349 pounds (1,875 cubic feet).

b. On a move to a new location using one lift by organic assets, the unit can move approximately 120 personnel and 48,000 pounds (2,100 cubic feet) of equipment and supplies.

c. One hundred percent transportable in US Air Force aircraft.

Strength.

a. Level 1: Off 5 WO 0 EM 103 Aggr 108
b. Level 2: Off 5 WO 0 EM 91 Aggr 96
c. Level 3: Off 4 WO 0 EM 83 Aggr 87

Summary of equipment. See table 2–15.

2–4. A Type of Air Assault Division

Figure 2–7 shows the organizational structure for a type of air assault division. This type of division has a division base and nine maneuver battalions. Table 2–21 provides a summary of the division's equipment by class of supply. Figures 2–7 through 2–10 provide the organizational structures for subordinate elements of a type of air assault division. Tables 2–22 through 2–28 provide summaries of selected items of equipment for these subordinate elements.

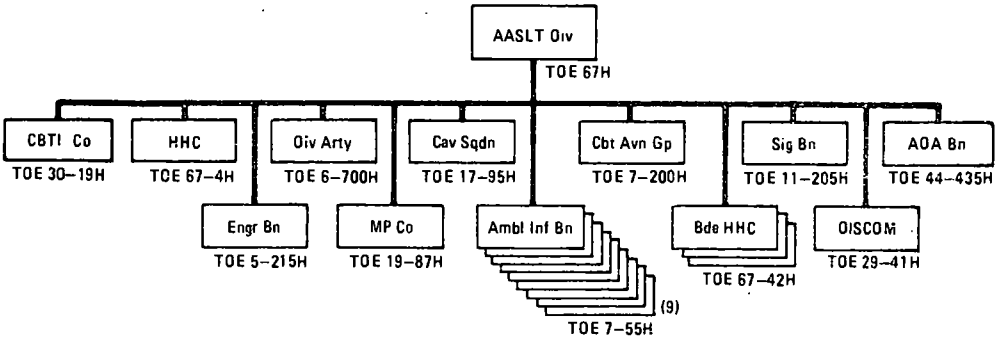


Figure 2–7. A type of air assault division.

TOE 67H AASLT Div (1)

Mission. To destroy enemy forces; to perform various roles in all levels of conflict, to include the full range of offensive and defensive operations capitalizing on its inherent mobility and unique air assault tactics; and to provide a highly mobile reconnaissance, security, or reserve force for larger units.

Capabilities. a. Operates over a wide frontage in all types of terrain; locates, maintains contact with, and destroys enemy forces.

b. Responds immediately and maneuvers rapidly, utilizing organic helicopter assets, to weight the battlefield at the critical time and place.

c. Is particularly suited for economy of force roles, retrograde, screening, rear area security, antiairborne and counterguerrilla operations, raids, and exploitation.

d. Is capable of destroying enemy armored and mechanized forces by aerial and land combat power.

e. Conducts area interdiction operations behind the enemy forward defensive area.

f. Is capable of conducting surveillance, target acquisition, and reconnaissance in force operations over wide areas.

g. Recycles combat forces for immediate use in other areas by heliborne entry into and recovery of units from the battlefield.

h. Can act as a highly responsive mobile reserve or counterattack force.

i. Possesses limited air defense capability against low flying aircraft.

j. Provides nuclear field artillery fires when augmented with field artillery battalion, 155-mm towed, and nuclear demolitions when engineer battalion is augmented by ADM platoon.

k. Is capable of exploiting success of friendly nuclear/chemical fires, conventional fires, and other maneuver forces. Possesses limited vulnerability to enemy nuclear/chemical fires through its ability to rapidly disperse units.

l. Provides control and administration for all organic and attached units.

Mobility. Mobility of units organic to this division is included in appropriate component TOE extracts.

Strength.

a. Level 1: Off 1,266 WO 728 EM 16,082 Aggr 18,076
b. Level 2: Off 1,225 WO 720 EM 14,656 Aggr 16,601
c. Level 3: Off 1,172 WO 624 EM 13,068 Aggr 14,864

c Summary of equipment. See table 2—21.

TOE 67–4H HHC, AASLT Div (10)

Mission. a. Headquarters. To command, control, and supervise operations of the division and attached units.

b. Headquarters company. To provide personnel and administrative support for the HQ.

Assignment. Organic to air assault division, TOE 67H.

Capabilities. a. Headquarters. Provides command, staff planning, control, and supervision of administration and operations of the division and attached units; operates a main CP and a rear CP; and established an alternate CP, when required.

b. Headquarters company. Provides administration, supply, organizational maintenance, mess, and unit-level medical service support for division HHC. Provides mess for the military police company.

c. Requires personnel and equipment from higher HQ to perform civil affairs functions, when required.

d. Lands by aircraft.

Mobility. a. Sixty percent mobile in organic vehicles.

b. Ninety percent air transportable in divisional aircraft.

c. One hundred percent air transportable in US Air Force aircraft.

Strength.

a. Level 1: Off 69 WO 2 EM 117 Aggr 188
b. Level 2: Off 65 WO 2 EM 110 Aggr 177
c. Level 3: Off 57 WO 2 EM 98 Aggr 157

Summary of equipment. See table 2–21.

TOE 6–47H HHC, AASLT Div Bde (8)

Mission. To command and control attached combat and combat support elements in both training and combat operations.

Assignment. Organic to air assault division, TOE 67H.

Capabilities. a. Commands attached elements of the air assault division's combat and combat support elements in offensive and defensive combat operations.

b. Accepts and releases attached elements on short notice.

c. Provides messing facilities for elements attached to brigade HHC.

d. Conducts operations on a sustained 24-hour-a-day basis.

e. Supervises the movement and security of attached or supporting elements.

f. Establishes liaison with higher and other HQ, as required.

g. Acts as emergency successor operational HQ in the event of the destruction of division HQ.

h. Provides Army aviation for command and control brigade HQ and attached infantry battalions.

i. Supervises tactical training of attached air assault division elements.

j. A security element for brigade HQ, when required, will be authorized by an MTOE under the provisions of AR 310–31.

Mobility. a. Forty-seven percent mobile in organic vehicles and aircraft.

b. One hundred percent air transportable in divisional aircraft.

c. One hundred percent air transportable in US Air Force aircraft.

Strength.

a. Level 1: Off 24 WO 18 EM 117 Aggr 159
b. Level 2: Off 22 WO 18 EM 103 Aggr 143
c. Level 3: Off 18 WO 18 EM 92 Aggr 128

Summary of equipment. See table 2–21.

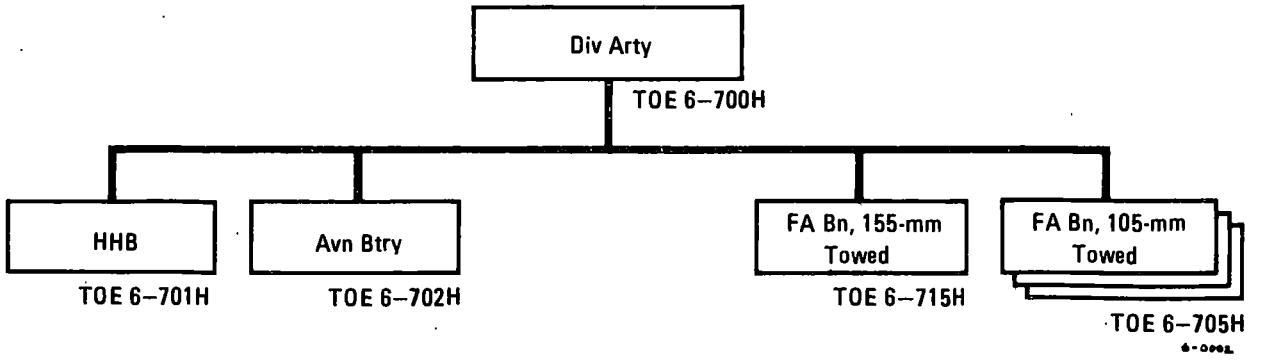


Figure 2–8. Air assault division artillery.

TOE 6–700H Div Arty (No change)

Mission. To provide DS and GS field artillery fires for the air assault division.

Assignment. Organic to air assault division, TOE 67H.

Capabilities. a. Provides field artillery support, to include communications, target acquisition, and survey.

b. Establishes the fire support element of the division tactical operations center.

c. Commands and controls additional attached field artillery units.

Mobility. For mobility of the components of this division artillery, see Section I, General, Organization, of each applicable TOE.

Strength.

a. Level 1: Off 230 WO 83 EM 2,163 Aggr 2,476
b. Level 2: Off 220 WO 83 EM 1,975 Aggr 2,278
c. Level 3: Off 218 WO 83 EM 1,734 Aggr 2,035

Summary of equipment. See table 2–22.

TOE 6–701H HHB, AASLT Div Arty (8)

Mission. To direct and coordinate operations of the air assault division artillery and attached units and to provide facilities for the control of these units.

Assignment. Organic to air assault division artillery, TOE 6–700H.

Capabilities. a. Provides staff planning, supervision, coordination, and control of operations and fires of organic and attached units of division artillery.

b. Provides its component of the division artillery weapon system, to include its required means for target acquisition, communication, survey, ballistic meteorology, and logistics.

c. Provides chaplain services for the division artillery and attached units.

d. Performs unit-level medical support to HHB, air assault division artillery, and the aviation battery, TOE 6–702H.

e. Provides the field artillery fire support element of the division tactical operations center.

Mobility. a. Thirty-five percent mobile in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a. Level 1: Off 25 WO 3 EM 130 Aggr 158
b. Level 2: Off 25 WO 3 EM 119 Aggr 147
c. Level 3: Off 24 WO 3 EM 103 Aggr 130

Summary of equipment. See table 2–22.

TOE 6–702H Avn Btry, AASLT Div Arty (8)

Mission. To increase the combat effectiveness of the air assault division artillery by providing immediately responsive aviation support.

Assignment. Organic to air assault division artillery, TOE 6–700H.

Capabilities. a. Conducts continuous (day and night) operations during visual weather conditions and limited operations under instrument weather conditions.

b. Conducts air observation, surveillance, and reconnaissance, both day and night, of enemy areas to locate, verify, and evaulate targets, terrain study, and indirect fire adjustments.

c. Provides command, liaison, reconnaissance, and transportation.

Mobility. a. Seventy-five percent mobile in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a. Level 1: Off 10 WO 17 EM 82 Aggr 109
b. Level 2: Off 10 WO 17 EM 77 Aggr 104
c. Level 3: Off 10 WO 17 EM 67 Aggr 94

Summary of equipment. See table 2–22.

TOE 6–705H FA Bn, 105-mm, Towed (No change)

Mission. To provide field artillery fires in direct support of a maneuver brigade; to reinforce the fires of other field artillery units.

Assignment. Organic to air assault division artillery, TOE 6–700H.

Capabilities. a. Provides close and continuous field artillery support, to include target acquisition, communications, fire support sections, and survey.

b. Reinforces the fires of other field artillery battalions.

c. Provides fire support coordination for the supported bridge and maneuver battalions.

d. Provides unit-level medical support for units at the battalion.

e. Provides limited air defense against low altitude hostile aircraft.

f. Delivers personnel and equipment by parachute in support of division operations when organized under SRC 06705H120.

Mobility. For mobility of the components of this battalion, see Section I, General, of each applicable TOE.

Strength.

a. Level 1: Off 39 WO 2 EM 360 Aggr 401
b. Level 2: Off 36 WO 2 EM 329 Aggr 367
c. Level 3: Off 36 WO 2 EM 285 Aggr 323

Summary of equipment. See table 2–22.

TOE 6–706H HQ, H&S Btry, FA Bn, 105-mm, Towed (8)

Mission. a. To direct and coordinate operations of the battalion and to provide facilities with which the battalion commander controls the battalion.

b. To procure, break down, and distribute all classes of supplies to units of the battalion.

Assignment. Organic to field artillery battalion, 105-mm, towed, air assault division, TOE 6–705H.

Capabilities. a. Provides staff planning, supervision, coordination, and control of operations of organic units of the battalion.

b. Provides unit-level medical service, establishes an aid station, and furnishes aidmen to battalion units.

c. Draws and issues all classes of supplies and provides all levels of organizational maintenance for organic elements.

d. Can rapidly displace from and occupy tactical locations by using helicopters provided by the air assault division.

e. Provides survey control for units of the battalions.

f. Provides limited air defense against low altitude hostile aircraft.

g. Furnishes its portion of the battalion communications and target acquisition system.

Mobility. a. Fifty percent mobile in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a. Level 1: Off 18 WO 2 EM 114 Aggr 134
b. Level 2: Off 18 WO 2 EM 104 Aggr 124
c. Level 3: Off 18 WO 2 EM 90 Aggr 110

Summary of equipment. See table 2–22.

TOE 6–707H FA Btry, 105-mm, Towed, FA Bn, 105-mm, Towed (8)

Mission. To provide a firing component of the 105-mm field artillery battalion, towed.

Assignment. Organic to field artillery battalion, 105-mm, towed, air assault division, TOE 6–705H.

Capabilities. *a.* Furnishes its portion of the battalion communications and fire support.

b. Delivers 105-mm fires of appropriate type and density at times and place required.

Mobility. *a.* Minimal mobility in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a. Level 1: Off 7 WO 0 EM 82 Aggr 89
b. Level 2: Off 6 WO 0 EM 75 Aggr 81
c. Level 3: Off 6 WO 0 EM 65 Aggr 71

Summary of equipment. See table 2–22.

TOE 6–715H FA Bn, 155-mm, Towed (No change)

Mission. To provide field artillery fires, to include nuclear, in general support of an air assault division. To reinforce the fires of other field artillery units.

Assignment. Organic to air assault division artillery, TOE 6–700.

Capabilities. *a.* At level 1, this unit—

b. Provides continuous and timely field artillery fire support to the supported force, including fires with special and conventional ammunition.

c. Provides its components of the division artillery communications, survey, air defense, and target acquisition systems.

d. Provides unit-level medical support for units of the battalion.

e. Augments fires of other fire support systems.

f. Procures and distributes all classes of supply to organic units. Maintains appropriate supply and materiel records, and transports its prescribed basic load of ammunition.

Mobility. For mobility of the components of this battalion, see Section I, General, of each applicable TOE.

Strength.

a. Level 1: Off 25 WO 2 EM 500 Aggr 527
b. Level 2: Off 24 WO 2 EM 455 Aggr 481
c. Level 3: Off 23 WO 2 EM 414 Aggr 439

Summary of equipment. See table 2–23.

TOE 6–716H HHB, FA Bn, 155-mm, Towed (8)

Mission. *a.* To direct and coordinate operations of the battalion.

b. To provide facilities with which the battalion commander controls the battalion.

Assignment. Organic to field artillery battalion, 155-mm, towed, air assault division, TOE 6–715.

Capabilities. At level 1, this unit—

a. Plans, supervises, coordinates, and controls operation of organic units of the battalion.

b. Provides survey control for the battalion.

c. Provides unit-level medical services for units of the battalion.

d. Provides limited air defense against low altitude hostile aircraft.

e. Provides its portion of the battalion communications system.

Mobility. *a.* Sixty-five percent mobile in organic vehicles.

b. One hundred percent air transportable in divisional aircraft.

c. One hundred percent air transportable in US Air Force aircraft.

Strength.

a. Level 1: Off 14 WO 1 EM 111 Aggr 126
b. Level 2: Off 13 WO 1 EM 103 Aggr 107
c. Level 3: Off 12 WO 1 EM 85 Aggr 98

Summary of equipment. See table 2–23.

TOE 6–717H FA Btry, 155-mm Towed, FA Bn, 155-mm Towed (8)

Mission. To provide a firing component of the field artillery battalion, 155-mm, towed.

Assignment. Organic to field artillery battalion, 155-mm, towed, air assault division, TOE 6–715.

Capabilities. At level 1, this unit—

a. Delivers 155-mm fires at time and place required.

b. Furnishes its portion of the battalion communications system.

c. Transports its portion of the battalion basic load of ammunition.

Mobility. a. Seventy-two percent mobile in organic vehicles.

b. Fifty percent air transportable in divisional aircraft.

c. One hundred percent air transportable in US Air Force aircraft.

Strength.

a. Level 1: Off 3 WO 0 EM 108 Aggr 111
b. Level 2: Off 3 WO 0 EM 99 Aggr 102
c. Level 3: Off 3 WO 0 EM 93 Aggr 96

Summary of equipment. See table 2–23.

TOE 6–719H Svc Btry, FA Bn, 155-mm Towed (8)

Mission. To procure and distribute all classes of supplies to units of the battalion, maintain appropriate supply records, and perform organizational level maintenance functions not otherwise accomplished within the battalion.

Assignment. Organic to field artillery battalion, 155-mm towed, air assault division, TOE 6–715.

Capabilities. At level 1, this unit—

a. Procures and distributes all classes of supplies to units of the battalion.

b. Maintains appropriate supply records.

c. Transports its portion of the battalion basic load of ammunition.

Mobility. a. Eighty percent mobile in organic vehicles.

b. Fifty percent air transportable in divisional aircraft.

c. One hundred percent air transportable in US Air Force aircraft.

Strength.

a. Level 1: Off 2 WO 1 EM 65 Aggr 68
b. Level 2: Off 2 WO 1 EM 55 Aggr 58
c. Level 3: Off 2 WO 1 EM 50 Aggr 53

Summary of equipment. See table 2–23.

TOE 30–19 Cbt Intel Co, Armd (See page 2–18.1)

TOE 44–435H ADA Bn, Vulcan, Towed (1)

Mission. a. To provide air defense for the air assault division as required against attack by low altitude hostile aircraft.

b. To attack and destroy hostile surface targets as required.

Assignment. Organic to air assault division, TOE 67.

Capabilities. a. Provides air defense against low altitude hostile aircraft.

b. Attacks or defends against surface targets.

c. Provides forward area alerting radar facility when so augmented.

d. Provides medical service limited to emergency medical treatment. Provision of aidmen to all batteries and supervision of sanitation. Evacuation of casualties will require support of air ambulances.

Mobility. a. Fifty percent mobile in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a.	Level 1:	Off 35	WO 7	EM 443	Aggr 485
b.	Level 2:	Off 35	WO 7	EM 407	Aggr 449
c.	Level 3:	Off 34	WO 7	EM 350	Aggr 391

Summary of equipment. See table 2–23.

TOE 44–436H HHB, ADA Bn, Vulcan, Towed (12)

Mission. To provide control and supervision of the operation of the battalion.

Assignment. Organic to the air defense artillery battalion, Vulcan, towed, air assault division, TOE 44–435.

Capabilities. At level 1, this unit—

a. Provides command, control, staff planning, and supervision of operations.

b. Provides radio and wire communications with all elements of the battalion, higher, adjacent, and supported units.

c. Provides logistic support to the units of the battalion.

d. Provides medical service limited to emergency medical treatment and supervision of sanitation.

e. Provides forward area alerting radar facilities.

Mobility. a. Fifty percent mobile in organic vehicles.

b. One hundred percent air transportable in divisional aircraft.

c. One hundred percent air transportable in US Air Force aircraft.

Strength.

a.	Level 1:	Off 11	WO 3	EM 99	Aggr 113
b.	Level 2:	Off 11	WO 3	EM 91	Aggr 105
c.	Level 3:	Off 10	WO 3	EM 82	Aggr 95

Summary of equipment. See table 2–23.

TOE 44–437H ADA Btry, ADA Bn, Vulcan, Towed, AASLT Div (12)

Mission. a. To provide air defense against low-altitude hostile aircraft for the air assault division.

b. To attack and destroy hostile surface targets as required.

c. To provide Vulcan fire units to the air defense artillery battalion, Vulcan, towed, air assault division.

Assignment. Organic to the air defense artillery battalion, Vulcan, towed, air assault division, TOE 44–435.

Capabilities. At level 1, this unit—

a. Provides delivery of a high rate of fire from prepared or hasty positions against low altitude hostile aircraft.

b. Provides delivery of a high rate of fire from hasty positions against surface targets.

c. Provides air defense artillery support to a parachute-qualified brigade when organized under SRC 44437H020. When organized under SRC 44437H020, for independent airborne operations, this unit is dependent upon headquarters battery, air defense artillery battalion, air assault division, TOE 44–436, for communications out of the airhead/objective area and transportation beyond the organic mobility.

Mobility. a. Fifty percent mobile in organic vehicles.

b. One hundred percent air transportable in divisional aircraft.

c. One hundred percent air transportable in US Air Force aircraft.

Strength.

a.	Level 1:	Off 6	WO 1	EM 86	Aggr 93
b.	Level 2:	Off 6	WO 1	EM 79	Aggr 86
c.	Level 3:	Off 6	WO 1	EM 67	Aggr 74

Summary of equipment. See table 2–23.

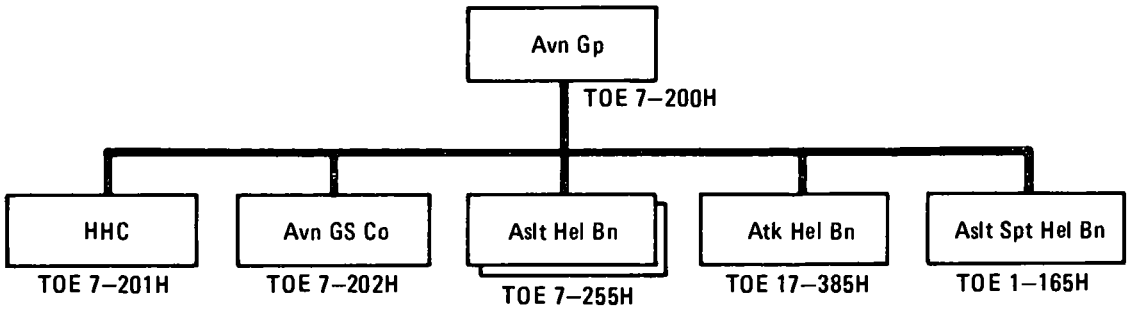


Figure 2–9. Aviation group, air assault division.

TOE 7–200H Avn Gp (No change)

Mission. To provide aviation support to the air assault division and aviation special staff personnel to division HQ.

Assignment. Organic to air assault division, TOE 67H.

Capabilities. a. Provides command and control, performs staff planning, and supervises subordinate and attached units.

b. Provides aviation special staff personnel for division HQ.

c. Provides limited aerial battlefield surveillance to acquire information on the enemy and terrain and performs target acquisition.

d. At normal aircraft availability (CH–47–60 percent and UH–1–90 percent), airlifts simultaneously the assault elements of two air-mobile infantry battalions and three 105-mm howitzer batteries, or any combination thereof.

e. Conducts continuous (day and night) operations during visual weather conditions and limited operations under instrument flight conditions.

f. Airlifts supplies, equipment, and troops of units of the division.

g. Provides aircraft to support division HQ, DISCOM, and other units without organic aircraft.

h. Provides aircraft for general support and reinforcement of units with organic aircraft.

i. Augments aeromedical capability of the medical battalion by providing air transportation for nonemergency-type patients at the request of the appropriate command surgeon.

j. Provides pathfinder support for the division.

k. Provides armed aerial escort for the division.

l. Depends on—

(1) Division HHC for unit-level medical service.

(2) The DISCOM for normal logistic support, to include continuous aviation direct support maintenance and supply of aviation fuel.

(3) Augmentation of attached or supporting aviation units of corps for nondivisional Army aviation support.

(4) USAF strategic cargo/transport aircraft for air movement to an area of operations.

(5) Transport by ship when speed is not a requirement for strategic deployment or when airlift is not available.

Mobility. For mobility of the components of this group, see Section I, General, of each applicable TOE.

Strength.

a. Level 1: Off 209 WO 401 EM 1,817 Aggr 2,427
b. Level 2: Off 205 WO 401 EM 1,673 Aggr 2,279
c. Level 3: Off 194 WO 314 EM 1,468 Aggr 1,976

Summary of equipment. See table 2–24.

TOE 7–201H HHC, Avn Gp (8)

Mission. a. To furnish command, control, communications, and supply for the aviation group.

b. To provide aviation special staff personnel for the air assault division HQ.

Assignment. Organic to aviation group, air assault division, TOE 7–200H.

Capabilities. a. Provides command and control, performs staff planning, furnishes communications, and supervises operations of subordinate units of the aviation group and attached units.

b. Provides aviation special staff personnel for aviation group HQ, division aviation officer's section; and, when operating, the Army aviation element of the division tactical operations center.

c. Provides personnel to supervise supply, maintenance, and administration for organic and attached units.

d. Provides pathfinder support to the elements of the division through the pathfinder sections.

e. Provides ground controlled approach teams for the division.

Mobility. a. Eighty percent mobile in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a. Level 1: Off 38 WO 2 EM 225 Aggr 265
b. Level 2: Off 36 WO 2 EM 198 Aggr 236
c. Level 3: Off 33 WO 1 EM 176 Aggr 210

Summary of equipment. See table 2–24.

TOE 7–202H Avn Co, Avn Gp (8)

Mission. To provide aviation support for division HQ, aviation group HQ, DISCOM, and other units without organic aircraft; to furnish electronic surveillance; and to acquire combat intelligence and target information for the air assault division.

Assignment. Organic to aviation group, air assault division, TOE 7–200H.

Capabilities. a. Provides air observation, reconnaissance, and surveillance by visual, radar, infrared, and visual photographic means of enemy areas to locate, verify, and evaluate targets, terrain study, and fire adjustment.

b. Provides day and night operations during visual weather conditions and limited operations under instrument weather conditions.

c. Provides aircraft for aerial command post control, liaison, reconnaissance, and radio relay for the division.

d. Augments aeromedical evacuation units by transporting nonemergency-type patients at the request of the appropriate command surgeon.

e. Provides rapid airphotography, consisting of daylight vertical and oblique photography and night vertical photography.

f. Provides battlefield illumination and local small area smokescreens for combat elements of the division.

g. Depends on HHC, military intelligence battalion, air reconnaissance support, TOE 30–6H, for processing surveillance information received by the ground stations through the data line systems, combat signal support, and intelligence support.

Mobility. a. Ninety percent mobile in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a. Level 1: Off 15 WO 35 EM 135 Aggr 175
b. Level 2: Off 15 WO 35 EM 113 Aggr 163
c. Level 3: Off 13 WO 27 EM 99 Aggr 139

Summary of equipment. See table 2—24.

TOE 7—255H Aslt Hel Bn (No change)

Mission. To provide tactical mobility for combat troops, supplies, and equipment of the division during the conduct of combat and airmobile operations.

Assignment. Organic to aviation group, air assault division, TOE 7—200H.

Capabilities. a. Provides continuous (day and night) operations during visual and marginal weather conditions and limited operations under instrument weather conditions in support of the division in forward areas of the combat zone.

b. Based on 80-percent aircraft availability, provides, in a single lift, airlift for the assault elements of one infantry battalion.

c. Augments aeromedical evacuation from the immediate battlefield.

d. Provides armed air escort for airmobile operations within the combat zone.

Mobility. For mobility of the components of this battalion, see Section I, General, of the respective TOE's.

Strength.

a. Level 1: Off 56 WO 138 EM 480 Aggr 674
b. Level 2: Off 55 WO 138 EM 443 Aggr 636
c. Level 3: Off 52 WO 111 EM 401 Aggr 564

Summary of equipment. See table 2—24.

TOE 7—256H HHC, Aslt Hel Bn (8)

Mission. To furnish command, control, staff planning, and supervision for the assault helicopter battalion.

Assignment. Organic to assault helicopter battalion, air assault division, TOE 7—255H.

Capabilities. a. Commands, controls, performs staff planning, furnishes communications, and supervises operations for subordinate units of the battalion and attached units.

b. Provides personnel to supervise supply, maintenance, and administration for organic and attached units.

Mobility. a. Eighty percent mobile in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a. Level 1: Off 13 WO 3 EM 74 Aggr 90
b. Level 2: Off 13 WO 3 EM 70 Aggr 86
c. Level 3: Off 13 WO 3 EM 63 Aggr 79

Summary of equipment. See table 2—24.

TOE 7—258H Aslt Hel Co, Aslt Hel Bn (8)

Mission. To provide tactical mobility for combat troops, supplies, and equipment of the division during the conduct of airmobile operations.

Assignment. Organic to assault helicopter battalion, air assault division, TOE 7—255H.

Capabilities. a. Provides continuous (day and night) operations during visual and marginal weather conditions and limited operations under instrument weather conditions in support of the units in the combat zone.

b. Based on 80-percent availability of organic aircraft, provides, in a single lift, aircraft for one rifle company, including the infantry supporting weapons.

c. Provides air movement of troops, supplies, and equipment within the combat zone.

d. Augments aeromedical evacuation from the immediate battlefield.

Mobility. a. Eight percent mobile in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a. Level 1: Off 10 WO 38 EM 100 Aggr 148
b. Level 2: Off 10 WO 38 EM 94 Aggr 142
c. Level 3: Off 9 WO 29 EM 83 Aggr 121

Summary of equipment. See table 2–24.

TOE 1–165H Aslt Spt Hel Bn (No change)

Mission. To provide tactical air movement of combat troops and materiel in air assault operations within the combat zone.

Assignment. Organic to combat aviation group, air assault division, TOE 7–200H.

Capabilities. a. Provides near continuous (day and night) operations during visual weather conditions and limited operations under instrument weather conditions.

b. Provides, in a single lift, airlift for the assault elements of two infantry battalions (960 combat-equipped troops), the combat elements of three 105-mm howitzer batteries, 198 tons of cargo or an equivalent logistic load, or any combination thereof.

c. Augments aeromedical evacuation, as required.

Mobility. For mobility of the components of this battalion, see Section I, General, of each applicable TOE.

Strength.

a. Level 1: Off 44 WO 88 EM 507 Aggr 639
b. Level 2: Off 44 WO 88 EM 476 Aggr 608
c. Level 3: Off 44 WO 64 EM 391 Aggr 499

Summary of equipment. See table 2–24.

TOE 1–166H HHC, Aslt Spt Hel Bn (7)

Mission. To furnish command, control, staff planning, and supervision for the assault support helicopter battalion.

Assignment. Organic to assault support helicopter battalion, air assault division, TOE 1–165H.

Capabilities. a. Commands, controls, performs staff planning, furnishes communication control, and supervises operations for subordinate units of the battalion and attached units.

b. Provides personnel to supervise supply, maintenance, medical service, and administration for organic and attached units.

Mobility. a. Twenty percent mobile in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a. Level 1: Off 11 WO 1 EM 57 Aggr 69
b. Level 2: Off 11 WO 1 EM 53 Aggr 65
c. Level 3: Off 11 WO 1 EM 46 Aggr 58

Summary of equipment. See table 2–24.

TOE 1–167H Aslt Spt Hel Co, Aslt Spt Hel Bn (9)

Mission. To provide tactical mobility for combat troops, supplies, and equipment of the division during the conduct of combat and airmobile operations.

Assignment. Organic to assault support helicopter battalion, air assault division, TOE 1–165H.

Capabilities. a. Provides continuous (day and night) operations during visual and marginal weather conditions and limited operations under instrument weather conditions in support of the division.

b. Provides, in a single lift, airlift for the assault elements of two infantry companies (360 combat-equipped troops), the combat elements of one 105-mm howitzer battery, 66 tons of cargo or an equivalent logistic load, or any combination thereof.

c. Augments aeromedical evacuation, as required.

Mobility. a. One hundred percent mobile in organic vehicles and aircraft.

b. One hundred percent air transportable in Air Force aircraft.

Strength.

a. Level 1: Off 11 WO 29 EM 150 Aggr 190
b. Level 2: Off 11 WO 29 EM 141 Aggr 181
c. Level 3: Off 11 WO 21 EM 115 Aggr 14

Summary of equipment. See table 2–24.

TOE 17–385H Atk Hel Bn, Air ASSLT Div

Mission. To destroy enemy armored and mechanized forces by aerial combat power using fire and maneuver as an integral part of the combined arms team during offensive, defensive and retrograde operations.

Assignment. Organic to an Air Cavalry Combat Brigade, TOE 17–200, or to a corps, division or separate brigades/regiments as required.

Capabilities. a. At level 1 this unit:

(1) Attacks or counterattacks using stealth and maximum target standoff.

(2) Provides rapid responsive point and area target fire.

(3) Conducts operations utilizing terrain flight.

(4) Provides attack helicopter elements to ground maneuver forces for employment as a part of combined arms teams.

(5) Reacts to intelligence and coordinates response with other maneuver units.

(6) Provides the mobility and firepower to exploit the effects of nuclear and nonnuclear fire support.

b. This unit is not adaptable to a type B organization.

c. Augmentation increases the capabilities of this unit to the extent provided by the augmentation personnel and equipment. The augmentation of class III and V resupply vehicles is required when the battalion is not assigned to the air cavalry combat brigade.

d. The individuals of this organization can assist in effective, coordinated defense of the unit's are or installation.

e. This unit is dependent upon:

(1) Appropriate elements of the corps, division or separate brigade/regiment for finance and personnel administration services.

(2) The supporting aviation intermediate maintenance (AVIM) company for aviation intermediate maintenance support and direct support maintenance of organic avionics and aircraft armament equipment.

f. This unit can perform aviation unit maintenance (AVUM) at battalion level on organic aircraft.

g. This unit is capable of performing organizational maintenance on organic equipment.

Basis of allocation. Two per ACCB; as required to corps, division, separate brigade/regiment.

Category. I.

Mobility. For mobility of the organizational components of this unit, see Section I, General, of the respective tables of organization and equipment.

Strength.

a. Level 1: Off 63 WO 144 EM 639 Aggr 846
b. Level 2: Off 63 WO 126 EM 575 Aggr 764
c. Level 3: Off 63 WO 98 EM 494 Aggr 655

Summary of equipment. See table 2–24.

TOE 17–386H, HHC, Atk Hel Bn, Air ASSLT Div

Mission. To furnish command, administration, and logistical planning for the attack helicopter battalion.

Assignment. Organic to the Attack Helicopter Battalion, TOE 17–385.

Capabilities. a. At level 1, this unit:

(1) Commands, controls, provides staff planning and furnishes communication and supervision of operations for organic and attached units.

(2) Provides air vehicles for command and control by the commander and his staff.

(3) Provides unit level medical service to the battalion.

(4) Provides organizational maintenance support on wheel vehicles, power generators, and communications-electronics equipment for organic battalion units.

(5) Provides mess support to organic battalion units.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization, except medical personnel and the chaplain, can engage in effective, coordinated defense of the unit's area or installation.

d. This unit provides organizational maintenance for all organic equipment, less cryptographic and electronic test equipment.

e. Augmentation increases the capabilities of this unit to the extent provided by the augmentation personnel and equipment. The augmentation of class III and V resupply vehicles is required when the battalion is not assigned to the air cavalry combat brigade.

f. This unit can perform aviation unit maintenance (AVUM) on organic aircraft and supplementary AVUM on aircraft organic to the Attack Helicopter Company, TOE 17—387. This unit can also perform organization maintenance on organic avionics and aircraft armament equipment and bore sighting support for the TOW missile system.

g. This unit is dependent upon:

(1) Appropriate elements of the corps, division, or separate brigade/regiment for finance and personnel administration services.

(2) The supporting aviation intermediate maintenance (AVIM) company for aviation intermediate maintenance support and direct support maintenance of organic avionics and aircraft armament equipment.

Basis of Allocation. One per Attack Helicopter Battalion, TOE 17—385.

Category. I.

Mobility. a. This unit is authorized by TOE 238 personnel and 158,200 pounds (20,250 cubic feet) of equipment requiring transportation. Non-TOE equipment and supplies constitute approximately 44,500 pounds (1650 cubic feet).

b. On a move to a new location using one lift by organic assets, the unit can move approximately 238 personnel and 112,500 pounds (4900 cubic feet) of equipment and supplies.

c. The unit requires special purpose vehicles to move:

LIN X48914, Truck, Fork Lift, 6000 lb

d. All equipment is transportable in US Air Force aircraft.

Strength.

a.	Level 1:	Off 18	WO 6	EM 219	Aggr 243
b.	Level 2:	Off 18	WO 6	EM 203	Aggr 227
c.	Level 3:	Off 18	WO 5	EM 179	Aggr 202

Summary of equipment. See table 2—24.

TOE 17–387H Atk Hel Co, Atk Hel Bn, Air ASSLT Div

Mission. To destroy enemy, armored, mechanized or other forces by aerial combat power using fire and maneuver as an integrated part of the combined arms team during offensive, defensive and retrograde operations.

Assignment. Organic to the Attack Helicopter Battalion, TOE 17—385.

Capabilities. a. At level 1 this unit:

(1) Attacks or counterattacks using stealth and maximum target standoff.

(2) Provides rapid responsive point and area target fire.

(3) Conducts operations at nap of the earth altitude.

(4) Provides attack helicopter elements to ground maneuver forces for employment as a part of combined arms teams.

(5) Reacts to intelligence and coordinate response with other maneuver units.

(6) Conducts aerial reconnaissance and security as an economy of force.

(7) Provides the mobility and firepower to exploit the effects of nuclear and nonnuclear fire support.

(8) Participates in special operations as required.

b. This unit is not adaptable to a type B organization.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

d. This unit can perform aviation unit maintenance (AVUM) on all organic aircraft and organizational maintenance on all organic avionics and/or aircraft armament equipment.

e. Augmentation increases the capabilities of this unit to the extent provided by the augmentation personnel and equipment. The augmentation of class III and V resupply vehicles is required when the battalion is not assigned to an air cavalry combat brigade.

f. This unit is dependent upon:

(1) Appropriate elements of the corps, division or separate brigade/regiment for finance and personnel administration services.

(2) Headquarters and Headquarters Company, Attack Helicopter Battalion, TOE 17–386, for medical service, organizational maintenance on wheel vehicles, power generators and communication-electronics equipment (less avionics) and mess.

(3) This unit is dependent upon Headquarters and Headquarters Company, Attack Helicopter Battalion, TOE 17–386, for supplementary aviation unit maintenance (AVUM) support and the supporting aviation intermediate maintenance (AVIM) company for intermediate maintenance support and direct support maintenance of organic avionics and aircraft armament equipment.

Basis of allocation. Three per Attack Helicopter Battalion, TOE 17–385.

Category. I.

Mobility. a. This unit is authorized by TOE 201 personnel and 73,050 pounds (8600 cubic feet) of equipment requiring transportation. Non-TOE equipment and supplies constitute approximately 56,100 pounds (2200 cubic feet).

b. On a move to a new location using one lift by organic assets, the unit can move approximately 201 personnel and 30,000 pounds (2400 cubic feet) of equipment and supplies.

c. This unit requires special purpose vehicles to move 1 each:

LIN X51928, Truck, Fork Lift, 6000 lb

d. All equipment is transportable in US Air Force aircraft.

Strength:

a.	Level 1:	Off 15	WO 46	EM 140	Aggr 201
b.	Level 2:	Off 15	WO 40	EM 124	Aggr 179
c.	Level 3:	Off 15	WO 31	EM 105	Aggr 151

Summary of equipment. See table 2–24.

TOE 5–215H Engr Bn (No change)

Mission. To increase the combat effectiveness of the air assault division by performing general and special engineer tasks and to undertake and carry out infantry combat missions, when required.

Assignment. Organic to air assault division, TOE 67H.

Capabilities. a. Provides engineer staff planning for the division and supervises organic and attached engineer units.

b. Furnishes general engineer support, primarily construction, repair, and maintenance of aircraft landing sites for USAF military medium-cargo and all Army aircraft, fords, culverts, and cross-gap bridging.

c. Assists in the removal and emplacement of obstacles, including mines and boobytraps.

d. Provides ADM support, when required, by the attachment of TOE 5—570H ADM teams.

e. Provides engineer reconnaissance and intelligence service.

f. Furnishes personnel and equipment for purification and dispensing of potable water.

g. Assists in the assault of fortified positions and assault demolition of obstacles.

h. Gives technical assistance to other troop units of the division in the construction of obstacles, fortifications, barrier emplacement, camouflage, deception devices, and other engineer matters.

i. Conducts infantry-type combat missions, when required.

j. Performs organizational maintenance on organic equipment.

Mobility. For mobility of the components of this battalion, see Section I, General, of each applicable TOE.

Strength.

a. Level 1: Off 40 WO 2 EM 678 Aggr 720
b. Level 2: Off 30 WO 2 EM 623 Aggr 655
c. Level 3: Off 29 WO 2 EM 560 Aggr 591

Summary of equipment. See table 2—25.

TOE 5–216H HHC, Engr Bn (8)

Mission. a. To provide an engineer special staff section for the division and command and staff for the engineer battalion, air assault division.

b. To provide limited administration, communications, reconnaissance, maintenance support, mess, supply, and unit-level medical support for the engineer battalion.

c. To undertake and carry out combat missions of an HHC, when required.

Assignment. Organic to engineer battalion, air assault division, TOE 5—215H.

Capabilities. a. Provides staff planning and supervision of engineer operations within the division, including that required for the operations of attached engineer troops.

b. Furnishes engineer reconnaissance and intelligence service and operates the battalion communication system.

c. Provides five water purification and distribution points for the supply of potable water.

d. Furnishes ADM support, when required, by the attachment of TOE 5—570H ADM teams.

e. Provides unit-level medical support, to include medical care and evacuation for the battalion, establishes an aid station, and furnishes aidmen to battalion units.

f. Provides engineer equipment support for the combat engineer companies.

Mobility. a. Sixty percent mobile in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a. Level 1: Off 20 WO 2 EM 218 Aggr 240
b. Level 2: Off 14 WO 2 EM 199 Aggr 215
c. Level 3: Off 13 WO 2 EM 176 Aggr 191

Summary of equipment. See table 2—25.

TOE 5–217H Engr Co, Engr Bn (8)

Mission. a. To provide combat support for the engineer battalion, air assault division, by accomplishing general and special engineer tasks.

b. To undertake and carry out infantry combat missions, when required.

Assignment. Organic to engineer battalion, air assault division, TOE 5—215H.

Capabilities. a. Accomplishes combat engi-

neer tasks and limited additional engineer support to the extent possible.

b. Establishes roadblocks and barriers by emplacement of obstacles, including mines and boobytraps, and demolition of bridges and structures.

c. Constructs air-landing facilities for USAF medium-cargo and all Army aircraft with equipment support from HQ company.

d. Makes expedient bridge repairs.

e. Destroys equipment, supplies, structures, and materiel by burning or demolition.

f. Conducts airmobile engineer and infantry combat operations.

g. Performs organizational maintenance of organic equipment.

Mobility. a. Ninety percent mobile in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a. Level 1: Off 5 WO 0 EM 115 Aggr 120
b. Level 2: Off 4 WO 0 EM 106 Aggr 110
c. Level 3: Off 4 WO 0 EM 96 Aggr 100

Summary of equipment. See table 2–25.

TOE 11–205H Sig Bn (No change)

Mission. a. To provide signal communications systems and facilities for an air assault division.

b. To provide an air assault division with a communications-electronics (C-E) staff officer, C-E staff, and staff facilities.

c. To provide direct support COMSEC logistics for an air assault division.

Assignment. Organic to air assault division, TOE 67H.

Capabilities. a. Provides a multichannel communications system which links together echelons of air assault division headquarters, the division artillery, three brigade headquarters, the DISCOM, the aviation group, the ADA battalion, three forward area signal centers, the engineer battalion, and the air cavalry squadron.

b. Provides three area signal centers in the forward areas of the division zone of operations.

c. Provides command signal centers for echelons of the division headquarters; signal center support for units located in the vicinity of these headquarters; and a signal center displacement capability for the division headquarters.

d. Provides secure radio teletypewriter (RATT) stations for echelons of the division artillery headquarters, three brigade headquarters, and three forward area signal centers, for operation in the division RATT nets to include net control stations.

e. Provides secure FM voice radio stations for echelons of the division headquarters, the DISCOM headquarters, and the three forward area signal centers, with a dual capability for operation in the division command net and operation of radio wire integration (RWI) facilities for FM voice radio access system to include net control.

f. Provides radio net control stations (NCS) with a dual capability for secure FM voice operation in the division operations/intelligence net and single sideband (SSB) voice operation in the division tactical operation center (DTOC) net.

g. Provides secure FM voice radio retransmission stations for operation in the division command net and the division operational intelligence net.

h. Provides division motor messenger service.

i. Provides direct support (DS) COMSEC logistics for division.

j. Provides a C-E staff officer, C-E staff, and staff facilities.

k. Provides one parachute-qualified forward communications platoon and supporting personnel as required when organized under SRC 11205H620.

l. Depends on—

(1) The AG company, TOE 12–27, for personnel services; the finance company, TOE 14–27, for finance services; divisional medical battalion, TOE 8–25, for unit level support; transportation movement control center, TOE 55–6, for supplemental transportation and chaplain services designated by the division chaplain.

(2) The division aviation group TOE 7–200, or other aviation units for air assault operations to include division air messenger service.

(3) TOE 11–500 teams or units of higher headquarters for photographic services, exclusive of photographic service elements provided by augmentation SRC 11206H611 when implemented.

(4) DISCOM for DS maintenance of equipment other than COMSEC equipment.

(5) Other divisional units for vehicular and generator refueling services.

(6) Signal units of higher HQ for RATT and radio-relay terminal equipment for higher or adjacent command radio nets and external multichannel communication systems.

Mobility. For mobility of the component of this battalion, see Section I, General, of each applicable TOE.

Strength.

a. Level 1: Off 19 WO 3 EM 440 Aggr 462
b. Level 2: Off 19 WO 3 EM 399 Aggr 421
c. Level 3: Off 19 WO 3 EM 359 Aggr 381

Summary of equipment. See table 2–25.

TOE 11–206H HHC, Sig Bn (8)

Mission. a. To direct and coordinate operations and training of the battalion and to provide the HQ facilities with which the battalion commander exercises control.

b. To provide the division a signal officer and his staff and staff facilities.

c. To provide administrative and logistic support for the battalion.

d. To provide direct support maintenance for cryptographic equipment of the division and organizational maintenance for organic equipment.

Assignment. Organic to signal battalion, air assault division, TOE 11–205H.

Capabilities. a. Plans, commands, controls, and coordinates the training and operations of an air assault division signal battalion.

b. Provides the signal staff section for division HQ.

c. Provides administrative and logistic support for an air assault division signal battalion, to include—

(1) Liaison with the administration company, air assault division.

(2) Direct support maintenance for COMSEC equipment of the battalion.

(3) Organizational maintenance for equipment of the battalion.

(4) Mess facilities for the personnel of the battalion.

d. Performs direct support maintenance on cryptographic equipment of the division.

Mobility. a. Fifty-five percent mobile in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a. Level 1: Off 9 WO 2 EM 74 Aggr 85
b. Level 2: Off 9 WO 2 EM 71 Aggr 82
c. Level 3: Off 9 WO 2 EM 68 Aggr 79

Summary of equipment. See table 2–25.

TOE 11–207H Comd Comm Co, Sig Bn (8)

Mission. To provide command signal center facilities for echelons of an air assault division headquarters and the DISCOM headquarters; and signal center support for units located in the vicinity of these headquarters.

Assignment. Organic to signal battalion, air assault division, TOE 11–205H.

Capabilities. At level 1, this unit provides on a 24-hour basis—

a. Command signal centers for echelons of an air assault division headquarters and the DISCOM, which includes:

(1) Message center and secure teletypewriter facilities.

(2) Limited motor messenger service.

b. Secure RATT for operation in the division RATT nets to include net control stations.

c. A secure FM voice radio net control station with a dual capability for operation in the division command net and operation of a RWI facility for FM voice access to the division telephone system.

d. Radio net control stations with a dual capability for secure FM voice operation in the division operations/intelligence net and single sideband (SSB) voice operation in the DTOC net.

e. Secure multichannel communication terminals for operation in the division multichannel communication system.

f. Manual telephone central office facilities and local telephone distribution systems.

g. A signal displacement capability for the division headquarters.

Mobility. a. Forty-five percent mobile in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a. Level 1:	Off 6	WO 1	EM 179	Aggr 186
b. Level 2:	Off 6	WO 1	EM 160	Aggr 167
c. Level 3:	Off 6	WO 1	EM 142	Aggr 149

Summary of equipment. See table 2–25.

TOE 11–208H Fwd Comm Co, Sig Bn (8)

Mission. a. To provide area signal centers in the forward areas of an air assault division zone of operations.

b. To provide multichannel communications terminals and radio teletypewriter stations for major subordinate commands of an air assault division as directed.

Assignment. Organic to a signal battalion, air assault division, TOE 11–205.

Capabilities. a. At level 1, this unit provides on a 24-hour basis—

(1) Three forward area signal centers. Each signal center provides—

(a) Message center and secure teletypewriter services.

(b) Limited motor messenger service for units in the area.

(c) A secure RATT station for operation in a division RATT net.

(d) A secure radio station with a dual capability for operation in the division command FM-voice net and operation of a RWI facility for FM-voice access to the division telephone system.

(e) Secure multichannel communication terminals for operation in the division multichannel communications system.

(f) A manual telephone central office switchboard facility to provide local telephone service and access to the division telephone system.

(2) Secure RATT stations at each of three brigade headquarters and the division artillery headquarters for operation in the division RATT nets.

(3) Secure multichannel communication terminals to operate in the division system at

each of three brigade headquarters, division artillery, the aviation group, the ADA battalion, the air cavalry squadron, and the engineer battalion.

(4) Provides one parachute qualified forward communications platoon as required when organized under SRC 11208H620.

Mobility. *a.* Thirty-six percent mobile in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a. Level 1: Off 4 WO 0 EM 187 Aggr 191
b. Level 2: Off 4 WO 0 EM 168 Aggr 172
c. Level 3: Off 4 WO 0 EM 149 Aggr 153

Summary of equipment. See table 2–25.

TOE 19–87H MP Co (7)

Mission. To provide military police support to the air assault division.

Assignment. Organic to air assault division, TOE 67H.

Capabilities. *a.* Provides provost marshal section to division HQ.

b. Provides circulation control of vehicular traffic (including convoys), refugees, and individuals as well as populace and resources control and control of lines of communication.

c. Establishes motor patrols, circulation and control posts, tactical control points, or combinations thereof, in support of division operations.

d. Provides route reconnaissance, convoy escort, and security of high priority shipment and movements.

e. Provides security to division main and forward command posts as well as personal security for designated personnel.

f. Conducts military police investigations and institutes crime prevention measures within the division.

g. Operates a central prisoner of war and civilian internee collecting point at division and forward collecting points for up to two of the committed brigades.

h. Provides security of prisoners of war and civilian internees during evacuation from forward collecting points to the central division collecting point.

i. Provides temporary detention for US military prisoners pending further transfer to corps or to COMMZ stockade facilities.

j. Participates in combined and joint police operations.

k. Provides support in the maintenance of law, order, and discipline in the combat zone through the enforcement of command directives and policies.

l. This unit is dependent on the headquarters and headquarters company, TOE 67–4H, a support unit or assigned teams of TOE 29–500 for food service support.

Mobility. *a.* Forty-nine percent mobile in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a. Level 1: Off 8 WO 0 EM 151 Aggr 159
b. Level 2: Off 8 WO 0 EM 135 Aggr 143
c. Level 3: Off 7 WO 0 EM 124 Aggr 131

Summary of equipment. See table 2–21.

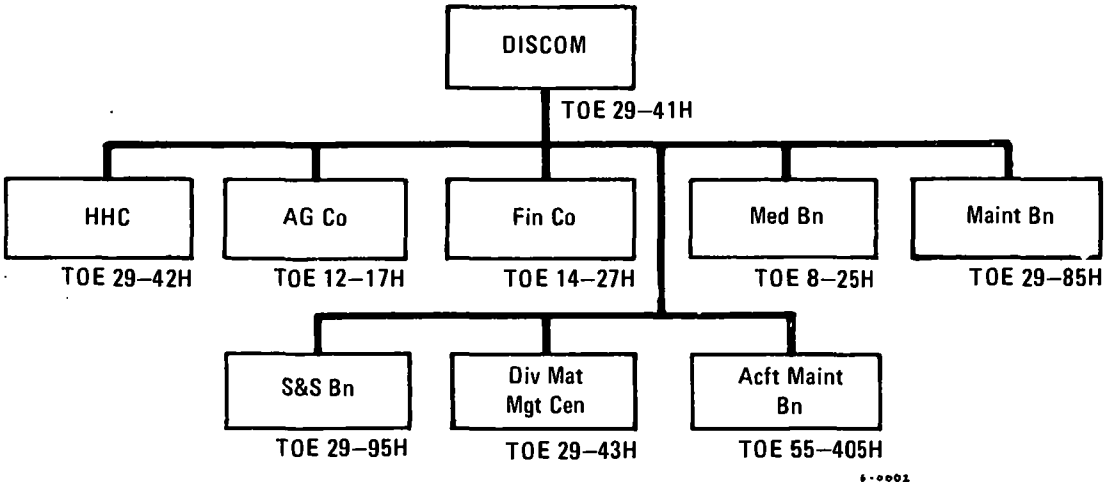


Figure 2–10. Division support command, air assault division.

TOE 29–41H DISCOM (No change)

Mission. To provide division-level combat service support to all assigned or attached elements of the division, except for military police service, communications, and construction, and those administrative services provided by special staff sections in the administration company.

Assignment. Organic to air assault division, TOE 67H.

Capabilities. a. Provides division-level combat service support, to include—

(1) Requisition, receipt, storage, and distribution of all classes of supplies, excluding water production and COMSEC materiel.

(2) Direct support maintenance, except for medical and cryptographic items.

(3) Medical support, to include evacuation of patients, medical (and emergency dental) treatment, medical supply, and organizational maintenance for medical equipment.

(4) Graves registration service, when appropriate teams from TOE 10—500H are attached.

(5) Air equipment supply maintenance support to the division.

(6) Music for division functions.

b. Advises the division commander on combat service support activities and provides technical supervision of functions within those areas represented by units of the command.

c. Depends on nonorganic aircraft to supplement organic aircraft and surface transportation required to move personnel and supplies.

Mobility. For mobility of the organizational components of this organization, see section I of the respective TOE's.

Strength.

a. Level 1:	Off 200	WO 63	EM 2,396	Aggr 2,659
b. Level 2:	Off 193	WO 61	EM 2,272	Aggr 2,526
c. Level 3:	Off 177	WO 58	EM 2,066	Aggr 2,301

Summary of equipment. See table 2—26.

TOE 29–42H HHC, DISCOM (8)

Mission. a. To provide command and control of DISCOM organic and attached units, except for operational control of the division special staff elements of the adjutant general company, TOE 12—27H.

b. To insure adequate combat service support to the division and attached units in areas of responsibility.

c. To provide technical supervision of all combat service support functions within the division in the functional areas represented by its supporting units.

Assignment. Organic to support command, air assault division, TOE 29—41H.

Capabilities. a. Plans for, supervises, and controls combat service support operations conducted by elements of DISCOM.

b. Advises the division commander on combat service support operations and provides technical supervision over the conduct of logistic and administrative service functions throughout the division, within the functional areas represented by its operating units.

c. Coordinates and exercises administrative control over the functional areas represented by its operating units.

d. Determines requirements for, processes, maintains records on, and controls distribution of all classes of supplies, repair parts, and aircraft parts and supplies, except for medical supplies and class V.

e. Plans and controls use of organic aircraft and surface transportation and insures that nonorganic aircraft and surface transportation specifically allocated or attached for logistic and administrative missions are effectively employed.

f. Directs the training of personnel and units of DISCOM.

g. Supervises unit administration and supply activities within DISCOM.

Mobility. a. Thirty percent mobile in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a. Level 1: Off 32 WO 3 EM 121 Aggr 156
b. Level 2: Off 30 WO 3 EM 108 Aggr 141
c. Level 3: Off 25 WO 3 EM 102 Aggr 130

Summary of equipment. See table 2—26.

TOE 12—17H AG Co, DISCOM, AASLT Div (10)

Mission. a. To provide centralized personnel and administrative support services, less finance services, to all personnel and units assigned or attached to the division.

b. To promote and maintain the morale and esprit de corps of troops by providing suitable music for military formations, light concerts, and recreation activities.

c. To provide an element of the division headquarters rear echelon.

Assignment. Organic to support command, air assault division, TOE 29—41H.

Capabilities. a. When augmented, provides centralized personnel and administrative support for personnel assigned or attached to a division or approximately 18,200 personnel.

b. Provides logistic support of and plans for tactical security for staff agencies assigned the company.

c. Provides flexible support to detached maneuver battalions through forming forward area support teams.

d. Provides the following types of music:

(1) Military.

(2) Dance.

(3) Miscellaneous (radio/TV music combination and stage shows).

Mobility. a. This unit is authorized approximately 37,300 pounds (3,350 cubic feet) of TOE equipment requiring transportation. Non-TOE equipment and supplies constitute approximately 46,200 (4,950 cubic feet).

b. On a move to a new location using one lift by organic assets, this unit can move approximately 42 personnel and 51,000 pounds (4,700 cubic feet) of equipment and supplies.

Strength.

a. Level 1: Off 12 WO 6 EM 263 Aggr 281
b. Level 2: Off 12 WO 6 EM 251 Aggr 269
c. Level 3: Off 10 WO 6 EM 230 Aggr 246

Summary of equipment. See table 2—26.

TOE 14–37H Fin Co, DISCOM

Mission. To provide finance services to all units assigned or attached to the division.

Assignment. Organic to support command, air assault division, TOE 29–41.

Capabilities. a. Provides JUMPS–Army finance services to all personnel and units assigned to the division, to include military pay, travel pay, quality assurance/edit, and financial disbursing.

b. Forms forward support teams to provide financial service to divisional elements located in forward areas as required.

c. When augmented, this unit is designed to support approximately 18,200 personnel.

Mobility. a. This unit is authorized approximately 43,100 pounds (17,000 cubic feet) of TOE equipment requiring transportation. Non-TOE equipment and supplies constitute approximately 56,700 pounds (3,800 cubic feet).

b. On a move to a new location using one lift by organic assets, the unit can move approximately 10 personnel and 6,000 pounds (500 cubic feet) of equipment and supplies.

Strength.

a. Level 1:	Off 6	WO 0	EM 82	Aggr 88
b. Level 2:	Off 6	WO 0	EM 78	Aggr 84
c. Level 3:	Off 6	WO 0	EM 72	Aggr 78

a. Summary of equipment. See table 2–26.

TOE 29–43H Div Mat Mgt Cen, DISCOM (8)

Mission. To provide supply management of all division materiel less class VIII, COMSEC equipment, rail mission-type equipment, and classified maps.

Assignment. Organic to support command, air assault division, TOE 29–41.

Capabilities. a. Provides supply management for classes I (includes water distribution), II (includes unclassified map supply), III, IV, V, VI, VII, and IX supplies, less COMSEC equipment, rail mission-type equipment, and classified maps.

b. Determines requirements for development and technical supervision of—

(1) Division authorized stockage lists.

(2) Division operational readiness items list.

c. Procures and directs the distribution of all supplies received by the division for which the center is responsible.

d. With ADP support provided by the division data center:

(1) Manages the division master property records and maintains the division property book.

(2) Maintains the Army equipment status reporting data and manages the Army equipment status reporting system for the division.

(3) Manages the division class IX (repair parts) supply system to include development, approval, and maintenance of ASL's and PLL's.

e. Operates on a 24-hour basis.

Mobility. a. Twenty percent mobile in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a.	Level 1:	Off 16	WO 12	EM 139	Aggr 167
b.	Level 2:	Off 16	WO 12	EM 132	Aggr 160
c.	Level 3:	Off 16	WO 11	EM 111	Aggr 138

Summary of equipment. See table 2–26.

TOE 8–25H Med Bn, DISCOM (No change)

Mission. To provide division- and unit-level medical support, as required, to divisional units.

Assignment. Organic to support command, air assault division, TOE 29–41H.

Capabilities. a. Provides aeromedical and limited ground evacuation.

b. Provides air crash rescue support on an area basis.

c. Performs clearing station treatment.

d. Manages psychiatric problems.

e. Provides unit-level medical support, as required, on an area basis.

f. Provides division-level medical supply and medical equipment maintenance support.

Mobility. For mobility of the components of this battalion, see Section I, General, of each applicable TOE.

Strength.

a.	Level 1:	Off 66	WO 16	EM 314	Aggr 396
b.	Level 2:	Off 62	WO 14	EM 289	Aggr 365
c.	Level 3:	Off 56	WO 12	EM 254	Aggr 322

Summary of equipment. See table 2–26.

TOE 8–26H HQ & Spt Co, Med Bn (8)

Mission. a. To provide command, control, administration, and logistic support for the medical battalion and to plan for its employment.

b. To provide division-level medical support, as required, on an area basis to divisional units operating in the division base area.

Assignment. Organic to medical battalion, support command, air assault division, TOE 8–25H.

Capabilities. a. Provides staff planning for medical battalion participation in providing medical support to division operations.

b. Commands, controls, and supervises division- and unit-level medical support rendered by elements of the medical battalion and attached units.

c. Provides division-level medical supply support and organizational medical equipment maintenance support for units organic or attached to the division.

d. Provides battalion-level organizational maintenance for aircraft, vehicles, and communication equipment of organic elements.

e. Performs divisionwide aeromedical evacuation; in-flight treatment of patients; and air delivery of whole blood, biologicals, medical supplies, and medical personnel.

f. Provides divisionwide air crash rescue support on an area basis.

g. Receives, sorts, and temporarily provides medical and surgical treatment for 40 patients.

h. Manages psychiatric problems.

i. Performs emergency dental service for units operating in the division base area.

j. Provides unit-level medical support on an area basis to division base units having no organic medical element.

k. Support company elements may be used in an emergency to replace or augment medical company elements operating in support of brigades when the division base has been provided medical support by the next echelon of medical service.

Mobility. a. Thirty percent mobile in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a. Level 1: Off 39 WO 16 EM 152 Aggr 207
b. Level 2: Off 38 WO 14 EM 142 Aggr 194
c. Level 3: Off 35 WO 12 EM 122 Aggr 169

Summary of equipment. See table 2–26.

TOE 8–27H Med Co, Med Bn (8)

Mission. To provide division- and unit-level medical support, as required, on an area basis to divisional units operating in the brigade area.

Assignment. Organic to medical battalion, support command, air assault division, TOE 8–25H.

Capabilities. a. Receives, sorts, and temporarily provides medical and surgical treatment for 40 patients.

b. Provides emergency dental treatment.

c. Manages psychiatric problems.

d. Evacuates patients by organic ground ambulances.

e. Performs unit-level medical support on an area basis to divisional units having no organic medical element.

f. Provides intradivisional transportation to medical supplies, equipment, and personnel.

Mobility. a. Ten percent mobile in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a. Level 1: Off 9 WO 0 EM 54 Aggr 63
b. Level 2: Off 8 WO 0 EM 49 Aggr 57
c. Level 3: Off 7 WO 0 EM 44 Aggr 51

Summary of equipment. See table 2–26.

TOE 29–95H S&S Bn, DISCOM (No change)

Mission. a. To provide all classes of supply, except for repair parts and medical and cryptographic supplies.

b. To maintain the division reserve of supplies for which responsible.

Assignment. Organic to support command, air assault division, TOE 29–41H.

Capabilities. a. Receives, provides temporary storage for, and issues all classes of supplies and equipment, except for repair parts and medical and cryptographic supplies.

b. Operates supply and distribution points for the classes of supply handled in the air assault division forward area and the air assault brigade areas.

c. Operates the division rear area supply point for all classes of supply, except as indicated in *a* above.

d. Operates on a 24-hour basis.

e. Provides air delivery equipment support for the division.

f. Advises the division on food service matters.

g. Performs purchasing and contracting.

h. Depends on—

(1) Appropriate teams from TOE 10–500G for operation of a collecting point for abandoned materiel.

(2) Theater army for salvage service.

Mobility. For mobility of the organizational components of this organization, see section I of the respective TOE's.

Strength.

a. Level 1: Off 22 WO 4 EM 462 Aggr 488
b. Level 2: Off 22 WO 4 EM 425 Aggr 451
c. Level 3: Off 21 WO 4 EM 364 Aggr 389

Summary of equipment. See table 2–27.

TOE 29–96H HHD, S&S Bn (8)

Mission. a. To provide command and administrative and technical supervision for the supply battalion.

b. To support the division by providing all classes of supply, except for repair parts and medical and cryptographic supplies.

c. To provide and operate motor transport for administrative and logistic support.

Assignment. Organic to supply battalion, support command, air assault division, TOE 29–95H.

Capabilities. a. Provides the command element for the supply battalion.

b. Provides the division and DISCOM commanders advice on supply and service matters.

c. Determines requirement for, processes and maintains records on, and controls the allocation of all classes of supplies, except for repair parts and medical and cryptographic supplies.

d. Provides and operates limited motor transport within the division base of operations.

e. Provides vehicular materials-handling equipment and quartermaster air delivery equipment organizational maintenance for organic elements of the battalion.

f. Inspects and packs parachutes.

Mobility. a. Thirty percent mobile in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a. Level 1:	Off 8	WO 0	EM 34	Aggr 42
b. Level 2:	Off 8	WO 0	EM 34	Aggr 42
c. Level 3:	Off 7	WO 0	EM 31	Aggr 38

Summary of equipment. See table 2–27.

TOE 29–97H Main S&S Co, S&S Bn (8)

Mission. a. To support the division and attached units by providing all classes of supply, except for repair parts, medical supplies, aircraft parts and supplies, cryptographic supplies, and air delivery equipment.

b. To provide and maintain the division reserve of supplies and equipment for which the unit is responsible.

Assignment. Organic to supply battalion, support command, air assault division, TOE 29–95H.

Capabilities. a. Receives, provides temporary storage for, and issues all classes of supplies and equipment, except as indicated in paragraph *a* above.

b. Operates supply and distribution points for the classes of supply handled in the division base and brigade bases.

c. Receives and provides temporary storage for class III supplies. Under the direction of the division supply office, controls and supervises operation of the division class III transfer and distribution points, employment of bulk fuel containers used for unit distribution of class III supplies, operation of limited filling stations, and storage of the division reserve of bulk class III supplies.

d. Provides and maintains the division reserve of supplies and equipment for which the unit is responsible.

e. Provides map supply service for the division.

f. Distributes water, as required.

g. Operates on a 24-hour basis.

h. Depends on—

(1) Teams assigned from TOE 10–500G for salvage service.

(2) The battalion HQ, HHD, for mess and maintenance support.

(3) Nondivisional theater service support units for supplemental supply and service support when employed in garrison, in marshaling area or areas, or for an extended period in support of sustained ground combat operations.

Mobility. a. One hundred percent mobile in transportation task vehicles.

b. One hundred percent air transportable in army and/or Air Force aircraft.

Strength.

a. Level 1: Off 7 WO 3 EM 179 Aggr 189
b. Level 2: Off 7 WO 3 EM 165 Aggr 175
c. Level 3: Off 7 WO 3 EM 140 Aggr 150

Summary of equipment. See table 2–27.

TOE 29–98H Fwd S&S Det, S&S Bn (7)

Mission. a. To support one divisional brigade by providing for the receipt, storage, and issue of all classes of supplies including unclassified maps and water as required, less class VIII and IX, and those supplies peculiar to COMSEC equipment; rail mission-type equipment; airdrop equipment and aircraft; and class IV operational project items.

b. To provide clothing exchange, bath, and graves registration services when authorized augmentation.

Assignment. Organic to supply and service battalion, air assault division, TOE 29–95.

Capabilities. a. Operates a distribution point to receive, provide temporary storage for, and issue class I, II, III (packaged), IV (less operational project stocks), V, VI, and VII supplies, except classified maps, rails, and airdrop type equipment, aircraft, and those items peculiar to COMSEC equipment.

b. Receives and provides temporary storage for class III supplies. Under the direction of the division materiel management center, controls and supervises the operation of the brigade class III transfer and distribution point, and employment of bulk fuel containers used for unit distribution of class III supplies, the operation of limited filling stations and storage of brigade reserve of bulk class III supplies.

c. Maintains prescribed reserves of supplies.

d. Provides direct exchange of fire extinguishers.

e. Transmits user requirements for supplies to the division materiel management center.

f. Coordinates clothing exchange and bath activities. Coordinates brigade laundry requirements with battalion headquarters.

g. Prepares sling loads of supplies for helicopter lift.

h. Provides a parachute qualified variation to deliver personnel and equipment by parachute in support of division operations.

Mobility. a. Twenty percent mobile in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a. Level 1: Off 2 WO 0 EM 68 Aggr 70
b. Level 2: Off 2 WO 0 EM 62 Aggr 64
c. Level 3: Off 2 WO 0 EM 53 Aggr 55

Summary of equipment. See table 2–27.

TOE 10–94H Airdrop Equip and Spt Co, S&S Bn (8)

Mission. To support the air assault division by providing for—

a. Requisition, inspection, packing storage, maintenance, and issue of air delivery equipment required for air delivery of personnel, supplies, and equipment.

b. Inspection and technical assistance in packing, rigging, and loading supplies and equipment.

Assignment. Organic to supply battalion, support command, air assault division, TOE 29–95H.

Capabilities. a. Requisitions, receives, stores, and issues quartermaster air delivery equipment.

b. Inspects and packs parachutes.

c. Inspects and provides technical assistance in packing, rigging, and loading supplies and equipment.

d. Provides limited organizational maintenance for quartermaster air delivery equipment.

e. Provides a pool for air delivery equipment for the division.

Mobility. a. Thirty-five percent mobile in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a.	Level 1:	Off 1	WO 1	EM 45	Aggr 47
b.	Level 2:	Off 1	WO 1	EM 40	Aggr 42
c.	Level 3:	Off 1	WO 1	EM 34	Aggr 36

Summary of equipment. See table 2–27.

TOE 29–85H Maint Bn (1)

Mission. To provide direct support supply and maintenance for all units of the division for equipment, except for aircraft; aircraft armament and avionic equipment; and medical, cryptographic and quartermaster air items.

Assignment. Organic to support command, air assault division, TOE 29–41H.

Capabilities. a. Accomplishes approximately 80 percent of the direct support maintenance workload of the division.

b. Secures, stocks, and issues repair parts for support equipment of the division.

c. Maintains an operational readiness float of selected end items.

d. Provides limited evacuation assistance to supported units.

e. Provides technical assistance service for the division.

f. Depends on, or will be attached to, other units for medical, dental, personnel administrative, and religious services.

Mobility. For mobility of the components of this battalion, see Section I, General, of each applicable TOE.

Strength.

a.	Level 1:	Off 29	WO 10	EM 573	Aggr 612
b.	Level 2:	Off 29	WO 10	EM 569	Aggr 608
c.	Level 3:	Off 29	WO 10	EM 558	Aggr 597

Summary of equipment. See table 2–27.

TOE 29–86H HQ & Main Spt Co, Maint Bn (8)

Mission. a. To provide command, administration, and technical supervision of the maintenance battalion, air assault division.

b. To provide direct support supply and maintenance service (except medical, cryptographic, aircraft, and aircraft armament) for the division base elements.

c. To serve as the base of supply for repair parts within the maintenance battalion.

d. To provide supplementary maintenance support for the three forward support detachments.

Assignment. Organic to maintenance battalion, support command, air assault division, TOE 29–85H.

Capabilities. a. Plans and directs all direct support maintenance activities for all maintainable equipment of the division, except medical, cryptographic, and aircraft.

b. Provides direct support and technical assistance service to the base elements of the division.

c. Provides evacuation assistance to supported units.

d. Maintains the major portion of repair parts and maintenance supplies.

e. Maintains an operational readiness float of end items, as authorized.

f. Depends on other units for medical, dental, personnel administrative, and religious services.

Mobility. a. Twenty percent mobile in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a. Level 1: Off 14 WO 3 EM 192 Aggr 209
b. Level 2: Off 14 WO 3 EM 191 Aggr 208
c. Level 3: Off 14 WO 3 EM 188 Aggr 205

Summary of equipment. See table 2–27.

TOE 29–87H Fwd Spt Co, Maint Bn (8)

Mission. To provide direct support supply and maintenance service for all equipment (except medical, cryptographic, aircraft, and aircraft armament) for one air assault division brigade and other units located in the brigade area.

Assignment. Organic to maintenance battalion, support command, air assault division, TOE 29–85H.

Capabilities. a. Provides direct support supply and maintenance and technical assistance to one air assault division brigade and to other units located in the brigade area.

b. Assists supported units in the recovery of materiel to the extent permitted by mission priorities and personnel and equipment limitations. Arranges for the evacuation of materiel, as necessary, to the main support company.

c. Maintains a limited stock of repair parts for issue to supported units.

d. Operates the maintenance collecting point in the brigade area.

e. Depends on other units for medical, dental, religious, personnel administrative, and messing support.

Mobility. a. Thirty percent mobile in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a. Level 1: Off 4 WO 1 EM 90 Aggr 95
b. Level 2: Off 4 WO 1 EM 90 Aggr 95
c. Level 3: Off 4 WO 1 EM 90 Aggr 95

Summary of equipment. See table 2–27.

TOE 29–88H Msl Spt Co, Maint Bn, DISCOM

Mission. To provide system peculiar direct support maintenance and repair parts supply for light air defense systems, their supporting radar, and land combat missile systems.

Assignment. Organic to the Maintenance Battalion, Airmobile Division, TOE 29–85.

Capabilities. a. This unit provides:

(1) Mission platoons with maintenance support capabilities as follows:

	Level 1	*Level 2*	*Level 3*
TOW/Dragon Missile	168/342	168/342	168/342
Vulcan LAD System	48	48	48
FAAR/TPX–50/TADD Systems	8/8/136	8/8/136	8/8/133

(2) The following annual manhours of productive maintenance (approximate) at 2700 AMMH shop and dedicated contact teams:

	Level 1	*Level 2*	*Level 3*
Contact Team TOW/Dragon	59,400	59,400	59,400
Contact Team Vulcan	21,600	21,600	21,600
Contact Team FARR/TPX–50/TADDS	10,800	10,800	10,800
TOW/Dragon Shop Repair	35,100	35,100	35,100
Vulcan Shop Repair	27,000	27,000	27,000
FAAR/TPX–50/TADDS Shop Repair	10,800	10,800	10,800
LCSS Operation, Test and Repair	16,200	16,200	16,200
Test Equipment Repair and Maint Calbr	5,400	5,400	5,400

(3) Receipt, storage and issue of peculiar Class IX supplies for land combat and light air defense systems to support mission shop support, contact teams and missile system users.

(4) Direct exchange service for selected items.

(5) Quality assurance/quality control inspections for systems equipment supported.

(6) Contact teams for on-site repair of TOE/DRAGON, FAAR, and Vulcan.

b. This unit is not adaptable to a type B organization.

c. Augmentation increases the capabilities of the unit to the extent provided by the augmentation personnel and equipment.

d. This unit performs organizational maintenance on its organic equipment except communications equipment, and direct support maintenance on all system test equipment.

e. Individuals of this organization can engage in effective coordinated defense of the units area or installation.

f. This unit is dependent upon:

(1) Appropriate elements of the division for medical, finance and personnel administration.

(2) Headquarters and Main Support Company, TOE 29—86, for organizational maintenance of its communication equipment.

(3) Division Materiel Management Center, TOE 29—43, for supply management and control of its authorized stockage and prescribed load list of Class IX supplies.

Basis of allocation. One per Maintenance Battalion, Airmobile Division, TOE 29—85.

Category. II.

Mobility. a. This unit is authorized approximately 105,200 pounds (4000 cubic feet) of TOE equipment requiring transportation. Non-TOE equipment and supplies constitute approximately 61,500 pounds (2,650 cubic feet).

b. On a move to a new location, using one lift by organic assets, the unit can move approximately 62 personnel and 96,500 pounds (9,000 cubic feet) of equipment and supplies.

c. Equipment and supplies requiring special transport which cannot be moved in the initial lift by organic vehicles and organic aircraft are as follows:

ITEMS REQUIRING SPECIAL TRANSPORT			*TRANSPORT REQUIRED*	
LIN	*ITEM*	*QTY*	*LIN*	*ITEM*
E84531	Container Assy: Ambl Type X—4 200 Cu Ft Cap	5	K30449 X40009	Hel CH—47, or Trk Cgo, 2½T
H01907	Elct Shop Shelter Mtd Avionics AN/ASM—146 Less Pwr	1	K30449 X40009	Hel CH—47, or Trk Cgo, 2½T

Strength.

a. Level 1: Off 3 WO 4 EM 113 Aggr 120
b. Level 2: Off 3 WO 4 EM 113 Aggr 120
c. Level 3: Off 3 WO 4 EM 109 Aggr 116

Summary of equipment. See table 2—27.

TOE 55—405H Trans Acft Maint Bn (No change)

Mission. To provide aircraft direct support maintenance, to include avionic and armament maintenance, and repair parts support for aircraft organic to the air assault division.

Assignment. Organic to support command, air assault division, TOE 29—41H.

Capabilities. a. Accomplishes approximately 95 percent of the aircraft, aircraft armament, and avionic direct support maintenance required for aircraft organic to the air assault division. This maintenance capability—

(1) Provides 137,360 man-hours per month for aircraft support maintenance.

(2) Provides 9,696 man-hours per month for avionic support maintenance.

(3) Provides 3,232 man-hours per month for aircraft armament system support maintenance.

b. Provides repair parts supply to supported units.

Mobility. Mobility of units organic to this battalion is included in appropriate component TOE extracts.

Strength.

a. Level 1: Off 16 WO 16 EM 528 Aggr 560
b. Level 2: Off 16 WO 16 EM 522 Aggr 554
c. Level 3: Off 16 WO 16 EM 471 Aggr 503

Summary of equipment. See table 2—27.

TOE 55—406H HHD, Trans Acft Maint Bn (6)

Mission. To provide command, control staff planning, and supervision of assigned or attached aircraft maintenance and supply companies.

Assignment. Organic to transportation aircraft maintenance and supply battalion, support command, air assault division, TOE 55–405H.

Capabilities. a. Provides command, control, staff planning, and administrative supervision for from two to five aircraft maintenance supply companies.

b. Provides supervision for subordinate units in matters of administration, supply, maintenance, training, and communications.

c. Provides battalion communication system, including wire and radio.

d. Provides a radar repair section that is attached to a subordinate company for operational control.

e. Depends on one of the attached companies for motor maintenance facilities.

Mobility. a. Twenty percent mobile in organic transportation.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a. Level 1: Off 6 WO 2 EM 30 Aggr 38
b. Level 2: Off 6 WO 2 EM 30 Aggr 38
c. Level 3: Off 6 WO 2 EM 27 Aggr 35

Summary of equipment. See table 2–27.

TOE 55–407H Trans Acft Maint Co, Trans Acft Maint Bn (7)

Mission. To provide aircraft direct support maintenance, to include avionic and aircraft armament maintenance, and repair parts support for aircraft organic to an air assault division.

Assignment. Organic to transportation aircraft maintenance and supply battalion, support command, air assault division, TOE 55–405H.

Capabilities. a. Provides 34,340 man-hours per month for aircraft support maintenance,

including direct support aircraft maintenance, to division aviation units.

b. Provides 2,424 man-hours per month for maintenance support of avionic equipment.

c. Provides 808 man-hours per month for maintenance support of aircraft armament systems.

d. Furnishes repair parts to supported units.

Mobility. a. Two percent mobile in organic transportation.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a. Level 1:	Off 5	WO 7	EM 249	Aggr 261
b. Level 2:	Off 5	WO 7	EM 246	Aggr 258
c. Level 3:	Off 5	WO 7	EM 222	Aggr 234

Summary of equipment. See table 2—27.

TOE 17—95H Air Cav Sqdn (No change)

Mission. To perform reconnaissance, security, and economy of force operations.

Assignment. Organic to air assault division, TOE 67H.

Capabilities. a. Performs air and ground reconnaissance and provides security for the unit to which assigned or attached.

b. Conducts offensive, defensive, or delaying combat operations, as required.

c. Provides limited air and ground antitank defense for the unit to which assigned or attached.

d. Defends its base of operations with organic personnel.

e. Depends on DISCOM for logistic support.

Mobility. For mobility of the organizational components of this unit, see Section I, General, of the respective TOE's.

Strength.

a. Level 1:	Off 69	WO 104	EM 731	Aggr 904
b. Level 2:	Off 69	WO 98	EM 651	Aggr 818
c. Level 3:	Off 68	WO 92	EM 555	Aggr 715

Summary of equipment. See table 2—28.

TOE 17—96H HHT, Air Cav Sqdn (8)

Mission. To provide command, control, and supervision of the air cavalry squadron, air assault division.

Assignment. Organic to air cavalry squadron, air assault division, TOE 17—95H.

Capabilities. a. Commands, controls, provides staff planning, furnishes communications and supervision of operations for the squadron.

b. Supervises supply, transportation, maintenance, and administration for the squadron.

c. Provides unit-level medical support to the air cavalry squadron to include aviation medicine, medical care within the squadron, and furnishing troop aidmen.

d. Provides centralized (squadron) or decentralized (troop) messing, as required.

e. Provides one parachute qualified mess team for TOE 17—99, when TOE 17—99 is organized under SRC 17099H120.

f. Individuals of this organization, except medical and chaplain personnel, can engage in effective, coordinated defense of the unit's area or installation.

g. This unit is capable of performing organizational maintenance on organic equipment.

h. This unit is dependent on one of the air cavalry troops of the squadron for direct support maintenance support for the four authorized utility helicopters.

i. This unit is dependent upon adjutant general company, TOE 12—27, for personnel service support and upon the finance company, TOE 14—27, for finance services.

j. This unit is dependent upon the DISCOM for transporting basic loads and delivery of daily requirements of class III and V resupplies.

Mobility. a. One hundred percent mobile in organic transportation.

b. One hundred air transportable in Army and/or Air Force aircraft.

c. Ninety percent air transportable by divisional aircraft.

Strength.

a.	Level 1:	Off 19	WO 5	EM 147	Aggr 171
b.	Level 2:	Off 19	WO 5	EM 136	Aggr 160
c.	Level 3:	Off 19	WO 5	EM 121	Aggr 145

Summary of equipment. See table 2–28.

TOE 17–98H Air Cav Trp, Air Cav Sqdn (5)

Mission. To perform reconnaissance and security, to accomplish surveillance tasks, and to engage in offensive, defensive, and retrograde operations as an economy of force unit.

Assignment. Organic to the air cavalry squadron, air assault division, TOE 17–95.

Capabilities. a. Performs reconnaissance, security, and economy of force missions for the unit to which assigned or attached.

b. Conducts offensive defensive, and retrograde operations, as required.

c. Acts as a security or screening force between or for larger units, or for airmobile operations.

d. Acts as part of a divisional general outpost, or as a part of a corps covering force in defensive operations, or as part of a covering force in offensive and defensive operations.

e. Executes surveillance tasks, as required, for the unit to which assigned or attached.

f. Collects and reports reconnaissance information of intelligence value, including acquisition of actual or potential, conventional, chemical, and nuclear targets and resulting damage assessment of fires from all services.

g. Assists in exploiting the success of other units and the effects of mass destruction weapons, including conventional strategic bombardment/heavy naval gunfire, chemical and nuclear weapon systems.

h. Provides limited antitank defense for the unit to which assigned or attached.

i. Conducts chemical agent detection and radiological monitoring and survey operations.

j. Participates in rear area damage control and rear area security operations.

k. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Mobility. a. Eighty percent mobile in organic transportation.

b. One hundred percent air transportable in US Air Force aircraft.

c. One hundred percent air transportable by divisional aircraft.

Strength.

a.	Level 1:	Off 15	WO 33	EM 153	Aggr 201
b.	Level 2:	Off 15	WO 31	EM 134	Aggr 180
c.	Level 3:	Off 15	WO 29	EM 112	Aggr 156

Summary of equipment. See table 2–28.

TOE 17–99H Cav Trp, Air Cav Sqdn (7)

Mission. To perform reconnaissance and security, to accomplish surveillance tasks, and to engage in offensive, defensive, and retrograde operations as an economy of force unit.

Assignment. Organic to the air cavalry squadron, air assault division, TOE 17–95.

Capabilities. a. Performs reconnaissance, security, and economy of force missions for the unit to which assigned or attached.

b. Conducts offensive, defensive, and retrograde operations, as required.

c. Acts as a security or screening force

between or for larger units, or for airmobile operations.

d. Acts as part of a divisional general outpost, or as a part of a corps covering force in defensive operations, or as part of a covering force in offensive and defensive operations.

e. Executes surveillance tasks, as required, for the unit to which assigned or attached.

f. Collects and reports reconnaissance information of intelligence value, including acquisition of actual or potential, conventional, chemical, and nuclear targets and resulting damage assessment of fires from all Services.

g. Assists in exploiting the success of other units and the effects of mass destruction weapons, including conventional strategic bombardment/heavy naval gunfire, chemical and nuclear weapon systems.

h. Provides limited antitank defense for the unit to which assigned or attached.

i. Participates in rear area damage control and rear area security operations.

j. Conducts chemical agent detection and radiological monitoring and survey operations.

k. Delivers personnel and equipment by parachute in support of division operations when organized under SRC 17099H120.

Mobility. a. One hundred percent mobile in organic vehicles and aircraft.

b. One hundred percent air transportable in US Air Force aircraft.

c. One hundred percent air transportable by division aircraft.

Strength.

a. Level 1: Off 5 WO 0 EM 125 Aggr 130
b. Level 2: Off 5 WO 0 EM 113 Aggr 118
c. Level 3: Off 4 WO 0 EM 98 Aggr 102

Summary of equipment. See table 2–28.

TOE 7–55H Inf Bn (No change)

Mission. To close with the enemy by means of fire and maneuver in order to destroy or capture him or to repel his assault by fire, close combat, and counterattack.

Assignment. Organic to air assault division, TOE 67.

Capabilities. a. Provides base of fire and maneuver elements.

b. Seizes and controls terrain for limited periods of time.

c. Conducts independent operations on a limited scale.

d. Provides communications, reconnaissance, indirect fire, antitank fire, and limited air defense fire for organic and attached units.

e. Conducts extensive patrolling and ground sensor operations.

f. Participates in motorized, mechanized, airmobile, and joint airborne operations when provided with sufficient transportation.

g. Maneuvers in all suitable types of terrain under all climatic conditions.

h. Delivers personnel and equipment by parachute in support of division operations when organized under SRC 07055H120.

Mobility. For mobility of the components of this battalion, see Section I, General, of each applicable TOE.

Strength.

a. Level 1: Off 35 WO 1 EM 755 Aggr 791
b. Level 2: Off 35 WO 1 EM 678 Aggr 714
c. Level 3: Off 35 WO 1 EM 609 Aggr 645

Summary of equipment. See table 2–28.

TOE 7–56H HHC, Inf Bn (8)

Mission. To provide command, control, staff supervision, communications, medical, and limited combat service support for the infantry battalion, air assault division, TOE 7–55.

Assignment. Organic to infantry battalion, air assault division, TOE 7—55.

Capabilities. a. Provides command, control, staff planning and supervision of operations of organic and attached elements of the infantry battalion.

b. Provides limited combat service support for assigned and attached units.

c. Provides communications support.

d. Provides centralized (battalion) and decentralized (company) messing, as required.

e. Provides unit-level medical support to the infantry battalion, including providing aidmen to the rifle companies and combat support company.

f. Provides organizational maintenance for organic vehicles of the battalion.

g. Delivers personnel and equipment by parachute in support of division operations when organized under SRC 07056H120.

Mobility. a. Twenty-seven percent mobile in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a. Level 1:	Off 11	WO 1	EM 110	Aggr 122
b. Level 2:	Off 11	WO 1	EM 96	Aggr 108
c. Level 3:	Off 11	WO 1	EM 88	Aggr 100

Summary of equipment. See table 2—28.

TOE 7—57H Rifle Co, Inf Bn, AASLT Div (7)

Mission. To close with the enemy by means of fire and maneuver to destroy or capture him or to repel his assault by fire, close combat, and counterattack.

Assignment. Organic to infantry battalion, air assault division, TOE 7—55H.

Capabilities. a. Closes with the enemy by means of fire and maneuver to destroy or capture him.

b. Repels enemy assault by fire, close combat, and counterattack.

c. Provides a base of fire and maneuver elements.

d. Seizes and holds terrain.

e. Maneuvers in all types of terrain and under all climatic conditions.

f. Capitalizes on all forms of mobility.

g. Conducts airmobile operations.

h. Conducts long-range patrolling.

i. Depends on HHC, infantry battalion, TOE 7—56H, for mess facilities.

Mobility. a. Three percent mobile in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a. Level 1:	Off 6	WO 0	EM 166	Aggr 172
b. Level 2:	Off 6	WO 0	EM 150	Aggr 156
c. Level 3:	Off 6	WO 0	EM 134	Aggr 140

Summary of equipment. See table 2—28.

TOE 7—58H Cbt Spt Co, Inf Bn, ASSLT Div (7)

Mission. To provide reconnaissance, indirect fire support, and antitank support for the infantry battalion, air assault division.

Assignment. Organic to infantry battalion, air assault division, TOE 7—55H.

Capabilities. a. Provides reconnaissance, indirect fire, and direct fire.

b. Maneuvers in all types of terrain and under all climatic conditions.

c. Participates in airmobile operations.

d. Performs company-level maintenance on organic equipment.

e. Depends on—

(1) Higher HQ for airmobility and combat service support.

(2) HHC, infantry battalion, TOE 7–56H, for mess facilities.

Mobility. a. Twenty-five percent mobile in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a. Level 1: Off 6 WO 0 EM 147 Aggr 153
b. Level 2: Off 6 WO 0 EM 132 Aggr 138
c. Level 3: Off 6 WO 0 EM 119 Aggr 125

Summary of equipment. See table 2–28.

Section III. SEPARATE BRIGADES

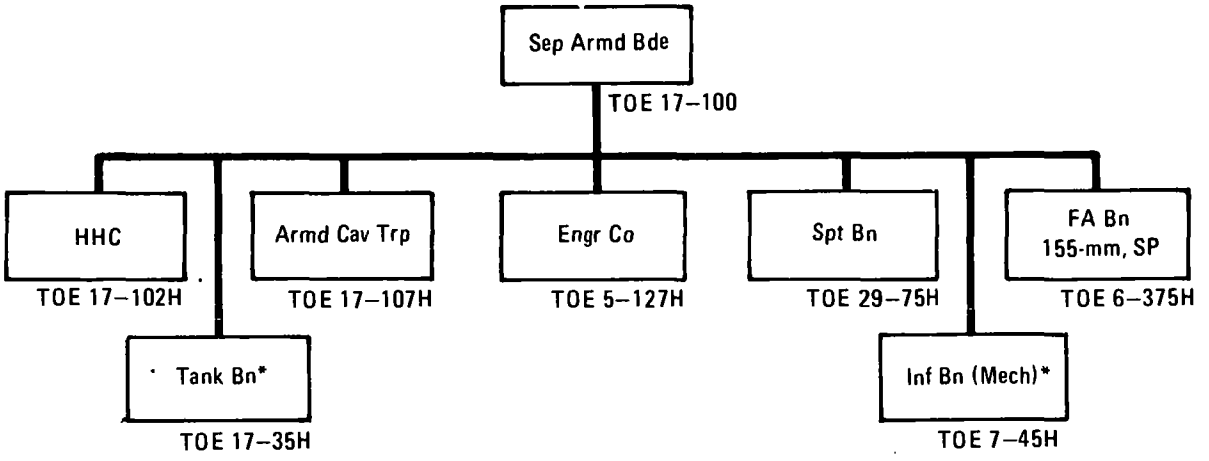
2–5. Separate Brigades

a. This data on the organization and equipment of the separate brigades is for use in force development planning that is frequently associated with stability operations. Organization charts and tables of selected items of equipment are included for the *separate armored, infantry, mechanized, airborne, light infantry, air cavalry combat* brigades, and their subordinate elements. Each type of brigade has a brigade base and a variable number of maneuver battalions. The figures show the organizational structure of each type of brigade. Tables 2–29 through 2–34 are summaries of the five types of brigades' equipment by class of supply.

b. Additional organizational information on the separate brigades, to include missions, capabilities, limitations, and personnel strengths is in FM 101–10–2, chapter 28.

TOE 17–100H Separate Armored Brigade

Figure 2–11 shows the organizational structure for the separate armored brigade. Table 2–29 provides a summary of equipment for the brigade.



*Number and type maneuver battalions may vary.

Figure 2–11. Separate armored brigade.

TOE 37–100H Separate Mechanized Brigade

Figure 2–12 shows the organizational structure for the separate mechanized brigade. Table 2–30 provides a summary of equipment for the brigade.

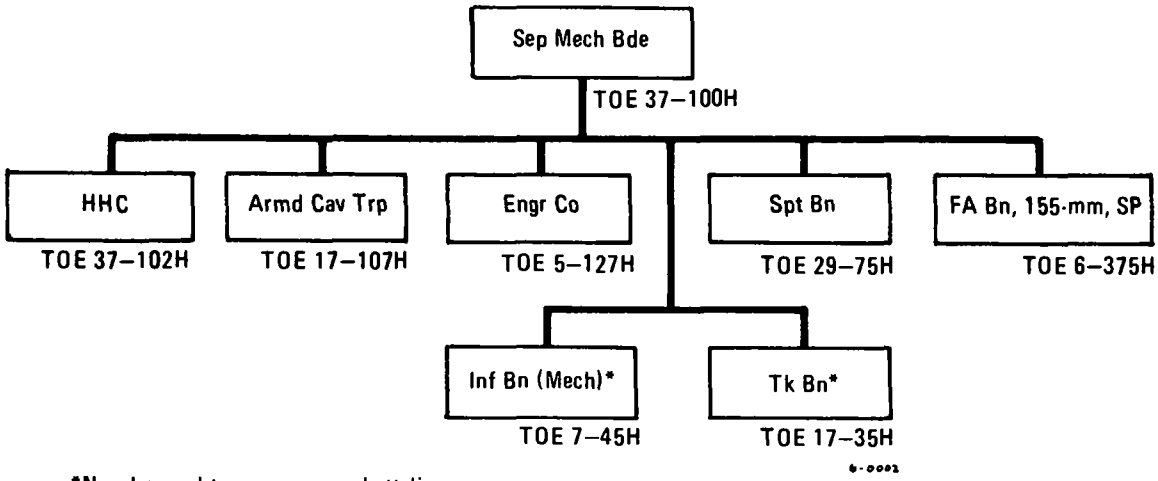


Figure 2–12. Separate mechanized brigade.

TOE 7–100H Separate Infantry Brigade

Figure 2–13 shows the organizational structure for the separate infantry brigade. Table 2–31 provides a summary of equipment for the brigade.

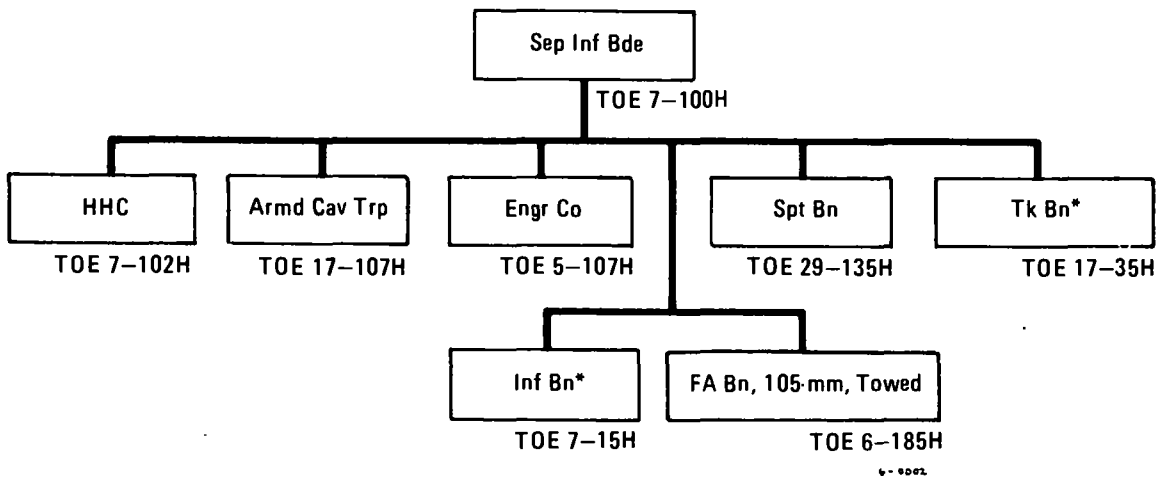
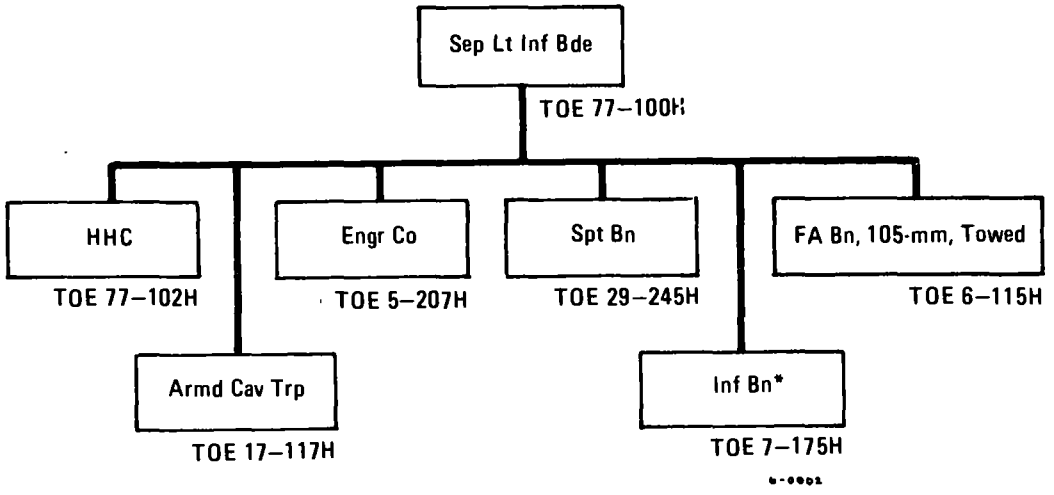


Figure 2–13. Separate infantry brigade.

TOE 77–100H Separate Light Infantry Brigade

Figure 2–14 shows the organizational structure for the separate light infantry brigade. Table 2–32 provides a summary of equipment for the brigade.

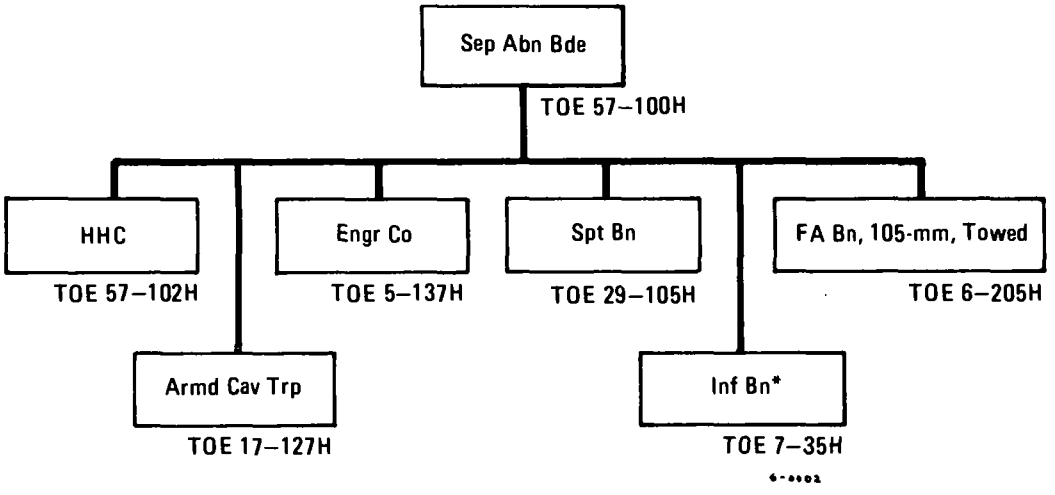


*Number and type maneuver battalions may vary.

Figure 2–14. Separate light infantry brigade.

TOE 57–100H Separate Airborne Brigade

Figure 2–15 shows the organizational structure for the separate airborne brigade. Table 2–33 provides a summary of equipment for the brigade.



*Number and type maneuver battalions may vary.

Figure 2–15. Separate airborne brigade.

TOE 17–200H Air Cavalry Combat Brigade

Figure 2–16 shows the organizational structure for the separate air cavalry combat brigade. Table 2–34 provides a summary of equipment for the brigade.

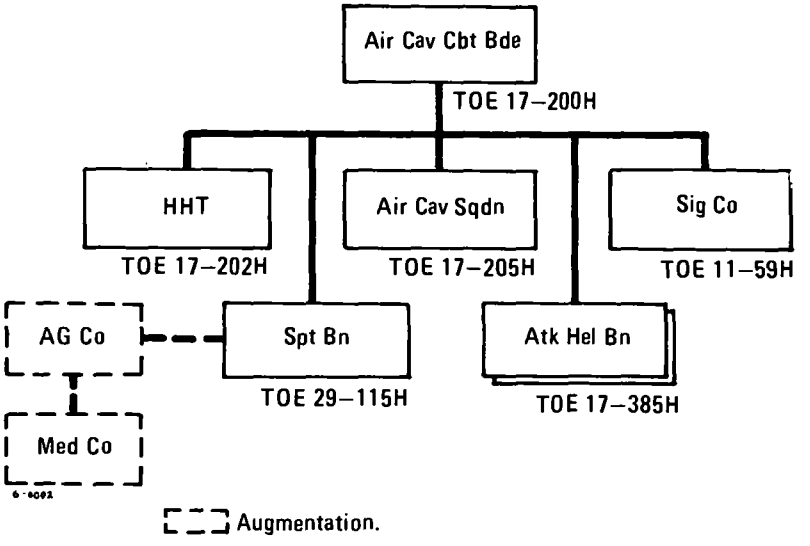


Figure 2–16. Air cavalry combat brigade.

Section IV. ARMORED CAVALRY REGIMENT

2–6. Armored Cavalry Regiment

Figure 2–17 shows the organizational structure for the armored cavalry regiment (armd cav regt). Tables 2–35 and 2–36 provide a summary of the regiments' equipment by class of supply.

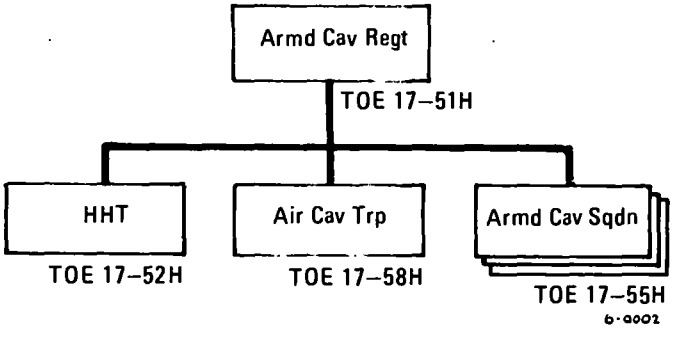


Figure 2–17. Armored cavalry regiment.

TOE 17–51H Armored Cavalry Regiment Equipped with ARAAV and Main Battle Tank (1)

Mission. To provide security and perform reconnaissance for the unit to which assigned or attached and to engage in offensive, defensive, or delaying action as an economy of force unit.

Assignment. To corps.

Capabilities. a. At level 1, this unit:

(1) Conducts reconnaissance operations.

(2) Conducts security operations.

(3) Operates in an economy of force role without being reinforced in offensive, defensive, or retrograde operations.

(4) Operates as a task force when suitably reinforced in offensive, defensive, or retrograde operations.

(5) Operates in support of forces engaged in stability operations.

b. This unit is not adaptable to type B organizations.

c. The columns designated by levels 1 through 3 are designed to relate to the categories established in AR 220–1, *Unit Readiness.*

d. This unit is dependent upon appropriate elements of the corps for medical, signal, air surveillance, finance, and personnel administration services.

e. This unit is capable of performing direct support maintenance functions, excluding avionics and armament, on all regimental aircraft.

f. This unit is capable of performing organizational maintenance on organic equipment.

g. Individuals of this organization, except medical and chaplain personnel, can engage in effective, coordinated defense of the unit's area or installation.

Mobility. One hundred percent mobile in organic vehicles.

Strength.

a. Level 1:	Off 181	WO 75	EM 2,980	Aggr 3,236
b. Level 2:	Off 177	WO 72	EM 2,736	Aggr 2,985
c. Level 3:	Off 150	WO 59	EM 2,433	Aggr 2,642

Summary of equipment. See tables 2–35 and 2–36.

TOE 17–52H HHT (12)

Mission. Provides command, control, and supervision for the operations of the armored cavalry regiment.

Assignment. Organic to armored cavalry regiment, TOE 17–51.

Capabilities. a. At level 1, this unit:

(1) Commands, controls, performs staff planning, and furnishes communication and supervision of operations.

(2) Provides air vehicles for command and control, liaison, and air movement of troops, supplies, and equipment.

(3) Provides unit-level medical support to include medical care and evacuation to the air cavalry troop.

b. This unit is not adaptable to type B organization.

c. The columns designated by levels 1 through 3 are designed to relate to the categories established in AR 220–1, *Unit Readiness.*

d. This unit is dependent upon appropriate elements of the corps for finance and personnel administration services.

e. This unit is dependent on the US Air Force to provide a tactical air control party (TACP) for directing tactical air support.

f. This unit is capable of performing organizational maintenance on organic equipment.

g. Augmentation (see separate SRC): SRC 17052H004 and SRC 17052H005 provide a provost marshal section and a military police platoon to improve the regiment's capability for route reconnaissance, road clearing operations, unit movement planning, coordination, traffic control, mobile security, and traffic escort operations. All other SRC increase capabilities of this unit to the extent provided by the augmentation personnel and equipment.

h. Individuals of this organization, except chaplain and medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

i. This unit is capable of performing direct support maintenance functions, excluding avionics and armament, on regiment aircraft.

Mobility. One hundred percent mobile in organic vehicles.

Strength.

a. Level 1: Off 30 WO 20 EM 188 Aggr 238
b. Level 2: Off 29 WO 19 EM 173 Aggr 221
c. Level 3: Off 24 WO 8 EM 152 Aggr 184

Summary of equipment. See tables 2–35 and 2–36.

TOE 17–58H Air Cav Trp (11)

Mission. To extend by aerial means the reconnaissance and security capabilities of ground units. To engage in offensive, defensive, or delaying actions within its capability and to seize and dominate lightly defended areas or terrain features.

Assignments. Organic to the armored cavalry regiment, TOE 17–51.

Capabilities. a. At level 1, this unit:

(1) Performs air and ground reconnaissance and provides security for unit to which assigned or attached.

(2) Engages in offensive, defensive, or delaying actions.

(3) Conducts independent action when properly reinforced.

b. This unit is not adaptable to type B organization.

c. The columns designated by levels 1 through 3 are designed to relate to the categories established in AR 220–1, *Unit Readiness.*

d. This unit requires support from the direct support maintenance elements supporting the regiment. It is dependent upon the regiment for medical and religious facilities.

e. This unit is dependent upon appropriate elements of the corps for finance and personnel administration services.

f. Augmentation (see separate SRC): The capabilities of this unit are increased to the extent provided by the augmentation personnel and equipment.

g. This unit is capable of performing organizational maintenance on organic equipment.

h. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Mobility. One hundred percent mobile in organic vehicles.

Strength.

a. Level 1: Off 16 WO 31 EM 137 Aggr 184
b. Level 2: Off 16 WO 29 EM 124 Aggr 169
c. Level 3: Off 15 WO 27 EM 109 Aggr 151

Summary of equipment. See tables 2–35 and 2–36.

TOE 17–55H Armored Cav Sqdn (2)

Mission. To provide security and perform reconnaissance for the unit to which assigned or attached and to engage in offensive, defensive, or delaying action as an economy of force unit.

Assignment. Organic to armored cavalry regiment, TOE 17–51.

Capabilities. a. At level 1, this unit:

(1) Provides security and performs reconnaissance for a higher echelon.

(2) Executes combat missions suitable for light armored units.

(3) Operates as an armored task force when suitably reinforced.

b. This unit is not adaptable to type B organization.

c. The columns designated by levels 1 through 3 are designed to relate to the categories established in AR 220–1, *Unit Readiness.*

d. This unit is dependent upon Army medical units to provide evacuation from the squadron aid station.

e. This unit is dependent upon appropriate elements of the corps for finance and personnel administration services.

f. This unit is capable of performing organizational maintenance on organic equipment.

g. Individuals of this unit, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Mobility. One hundred percent mobile in organic vehicles.

Strength.

a. Level 1: Off 45 WO 8 EM 885 Aggr 938
b. Level 2: Off 44 WO 8 EM 813 Aggr 865
c. Level 3: Off 37 WO 8 EM 724 Aggr 769

Summary of equipment. See tables 2—35 and 2—36.

Table 2–1. Summary of Equipment—Type of Armored Division (with Mobile Assault Bridge)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	*LIN*	*Nomenclature*	*HHC (17-4H)*	*MP co (19-27H)*	*CBTI co (30-19H)*	*Div avn co (17-87H)*	*Sig bn (11-35H)*	*Engr bn (5-145H)*	*Three bde HHC (17-42H) (ea)*	*Armd cav sqdn (17-105H)*	*Div arty (6-300H)*	*DISCOM (29-21H)*	*ADA bn (44-325H)*	*Six tank bn (17-35H) (ea)*	*Five inf bn (mech) (7-45H) (ea)*	*Div total (17H)*
		Class IIA—Air														
2	A21383	Aerial recovery kits for Army aircraft	0	0	0	0	0	0	0	0	0	2	0	0	0	2
3	M02470	Maint platform hyd adj to 10 ft high, 44½-in wide	0	0	0	1	0	0	0	3	0	0	0	0	0	4
4	M02504	Maint platform hyd adj type, 3 to 7 ft high	0	0	0	1	0	0	1	3	2	0	0	0	0	9
		Class IIB—Troop Support														
5	K39774	Hoisting unit trk mountings, organizational maint set no 7	0	1	0	0	0	0	0	0	1	1	0	0	0	3
6	L64542	Lt set, op area acft, ½ kw heliport (Army)	0	0	0	1	0	0	0	1	1	1	0	0	0	4
7	P92030	Pump cntrf, gas drvn, frame mtd, 2-in, 125 GPM 50-ft hd	0	0	0	0	0	5	0	0	0	0	0	0	0	5
8	T10600	Shop equip, guided missile, aux equip maint (Chaparral)	0	0	0	0	0	0	0	0	0	0	2	0	0	2
9	V84014	Test set, radar AN/TPM-23 (VADS)	0	0	0	0	0	0	0	0	0	0	2	0	0	2
10	W32867	Shop equip, auto maint and repair, org sup no 1, less power	1	1	1	1	0	1	1	1	1	8	5	3	4	61
11	W67843	Torch outfit, cutting and welding, set 2	0	0	0	0	0	4	0	0	0	0	0	0	0	4
12	Z13157	Card punch mach and ADPE	0	0	0	0	0	0	0	0	0	7	0	0	0	7
13	Z74660	Sorter, ADPE	0	0	0	0	0	0	0	0	0	2	0	0	0	2
14	F77651	CS3, Data Analysis Central, OL-88(V) 1/MYK-8(V)	0	0	0	0	0	0	0	0	0	1	0	0	0	1
15	F77918	CS3, Data Storage Group, OL-89(V) 1/MYK-8(V)	0	0	0	0	0	0	0	0	0	1	0	0	0	1
16	F77964	CS3, Data Support Facility, Mobile, V-460/MYK-8(V)	0	0	0	0	0	0	0	0	0	1	0	0	0	1
17	M57481	CS3, Maintenance Shop Facility, Mobile V-452/MYK-8(V)	0	0	0	0	0	0	0	0	0	1	0	0	0	1
18	U43735	CS3, Storage Facility, Mobile, V-483/MYK-8(V)	0	0	0	0	0	0	0	0	0	1	0	0	0	1
19	J35801	CS3, Generator, Diesel Engine, 100 kw, 60 hz, mounted on M353, PU-495	0	0	0	0	0	0	0	0	0	2	0	0	0	2
20	X59326	CS3, truck tractor, 5 ton, 6x6 w/e, M818	0	0	0	0	0	0	0	0	0	2	0	0	0	2
		Class IIE—Ganaral Supply														
21	G68966	Drum, fabric, collapsible, liquid—fuel 500-gal capacity	0	0	0	6	0	0	0	6	0	27	0	0	0	39
		Class IIG—Electronics														
22	C68719	Cable telephone, WO-1/TT OR-8 132U ft	0	3	64	12	61	32	4	139	449	28	320	118	114	2,398
23	C68856	Cable telephone, WD-1/TT RL-159U, 5,280 ft	0	3	0	4	109	23	40	0	415	31	24	2	6	771
24	C68993	Cable telephone, WD-1/TT 2 cond, fld wire	0	0	0	0	0	23	20	20	158	0	0	0	42	471
25	R30662	Receiver-transmitter con gp, AN/GRA-6	0	0	1	0	2	0	1	1	0	0	5	0	0	12
26	U82529	Switchboard telephone, manual and S8-993/GT	0	0	0	0	0	12	0	0	2	8	12	4	6	88
27	V30937	Telephone, TA-264/PT	0	0	0	0	0	0	0	2	7	5	0	0	0	14
		Class IIW—Ground														
28	C29490	Bucket, clamshell, ¾ cu yd	0	0	0	0	0	2	0	0	0	0	0	0	0	2
29	C30997	Bucket, dragline, ¾ cu yd	0	0	0	0	0	1	0	0	0	0	0	0	0	1
		Class VIIA—Air														
30	K29660	Helicopter, attack, AH-1G	0	0	0	0	0	0	0	9	0	0	0	0	0	9
31	K31042	Helicopter, observation, OH-58A	0	0	0	6	0	0	4	10	14	0	0	0	0	42
32	K31795	Helicopter, utility, UH-1H	0	0	0	4	0	0	0	8	0	1	0	0	0	13
33	T17093	Shop set, acft maint, ambl & UH-1/OH-6, co size, DS	0	0	0	0	0	0	0	1	0	0	0	0	0	1
34	W62611	Tool set, avn unit maint set no 1, ambl	0	0	0	1	0	0	1	3	2	0	0	0	0	9

Table 2–1. Summary of Equipment–Type of Armored Division (with Mobile Assault Bridge)–Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	*LIN*	*Nomenclature*	*HHC (17-4H)*	*MP co (19-27H)*	*CBTI co (30-19H)*	*Div avn co (17-87H)*	*Sig bn (11-35H)*	*Engr bn (5-145H)*	*Three bde HHC (17-42H) (ea)*	*Armd cav sqdn (17-105H)*	*Div arty (6-300H)*	*DISCOM (29-21H)*	*ADA bn (44-325H)*	*Six tank bn (17-35H) (ea)*	*Five inf bn (mech) (7-45H) (ea)*	*Div total (17H)*
35	W93995	Trailer, acft maint, ambl 4-wheeled, 30/48-in, trf rail system	0	0	0	0	0	0	0	0	0	6	0	0	0	6
36	X23227	Transporter, ambl, hyd lift for shelter and X-4 container	0	0	0	0	0	0	1	3	1	0	0	0	0	7
		Class VIIB–Troop Support														
37	C25757	Bridge, floating, raft sec, light, tactical	0	0	0	0	0	2	0	0	0	0	0	0	0	2
38	E67735	Compressor, RCP, power drvn, base, AC 115V-60 cy, 1 ph, 1.5 CFM, 50 PSI	0	0	0	0	0	0	0	0	0	3	0	0	0	3
39	E69242	Compressor, RCP, power drvn, air rec gas drvn, 15 CFM, 175 PSI	0	0	0	0	1	1	0	1	5	5	0	1	1	24
40	E70064	Compressor, RCP, power drvn, trk 2-wheeled pneu tires, gas drvn, 5 CFM, 175 PSI	1	1	1	1	3	5	1	5	24	12	5	5	4	111
41	E70201	Compressor, RCP, power drvn, trk 2-wheeled pneu tires, gas drvn, 8 CFM, 175 PSI	0	0	0	1	0	0	1	1	1	0	0	0	0	6
42	E70817	Compressor, RCP, power drvn, air wheel, gas drvn, 4 CFM, 3,000 PSI	0	0	0	0	0	0	0	0	0	1	0	0	0	1
43	E73626	Compressor, rotary power drvn, air whbrw frame-2 pneu tires, gas drvn, 60 CFM, 6.5 PSI	0	0	0	0	0	2	0	0	0	3	0	0	0	5
44	G02204	Detecting set, mine, ptbl, metallic and nonmetallic	0	4	1	0	7	59	0	10	25	6	5	5	1	152
45	G02341	Detecting set, mine, ptbl, metallic (AN/PSS-11)	0	4	1	0	13	49	0	10	25	6	5	5	3	158
46	G32473	Diving equip set, 1 person, scuba, open circuit	0	0	0	0	0	3	0	0	0	0	0	0	0	3
47	H38787	Ferry conversion set, raft, inf spt	0	0	0	0	0	2	0	0	0	0	0	0	0	2
48	H94824	Fwd area refueling equip (FARE)	0	0	0	2	0	0	0	2	0	4	0	0	0	8
49	J04716	Fuel sys sup pt, ptbl, 60,000 gal cap	0	0	0	0	0	0	0	0	0	1	0	0	0	1
50	J35492	Generator set, dsl eng, tlr mtd, 15 kw, 60 hz, mtd on M200, PU-405	0	0	2	0	1	0	0	0	0	1	0	0	0	4
51	J35629	Generator set, dsl eng, tlr mtd, 60 kw, 60 hz, mtd on M200, PU-650	0	0	0	0	0	0	0	0	0	4	0	0	0	4
52	J35835	Generator set, dsl eng, 15 kw, 60 hz, 3 ph, AC 120/208 240/416V, skid, tac util	2	0	0	0	0	0	0	0	0	2	0	0	0	4
53	J36109	Generator set, dsl eng, 30 kw, 60 hz, 3 ph, AC120/208 240/416V, 50 hz, tac util	0	0	0	0	0	0	0	0	0	1	0	0	0	1
54	J36383	Generator set, dsl eng, tlr mtd, 30 kw, 60 hz, mtd on M200, PU-406	0	0	0	2	0	0	0	0	0	2	0	0	0	4
55	J36725	Generator set, dsl eng, 30 kw, AC120/208-240/416V, 3 ph, 400 hz, tac, precise	0	0	0	0	0	0	0	0	0	0	2	0	0	2
56	J38301	Generator set, dsl eng, 60 kw, 60 hz, 3 ph, AC 120/208 240/416V, 50 hz, tac util	0	0	0	0	0	0	0	0	0	4	0	0	0	4
57	J41041	Generator set, gas eng, tlr mtd, PU-253/U	0	0	0	1	0	0	0	0	0	0	0	0	0	1
58	J41452	Generator set, gas eng, tlr mtd, 10 kw, 400 hz, mtd on M103, PU-304/MPQ-4	0	0	0	0	0	0	0	0	8	0	0	0	0	8
59	J42100	Generator set, gas eng, tlr mtd, 10 kw, 60 cycle, 1 ph, AC 120/240V, PU-619/M	0	0	2	1	7	0	0	0	0	0	0	0	0	10
60	J42685	Generator set, gas eng, 0.3 kw, AC 115V, 1 ph, 400 hz, DC 24 to 35V	0	0	0	2	0	0	0	0	1	0	0	0	0	3
61	J42856	Generator set, gas eng, 0.5 kw, 28V, skid-shock, tac util	0	0	0	0	0	0	0	0	0	0	0	1	0	6
62	J42976	Generator set, gas eng, 0.5 kw, 60 cycle, 1 ph, AC 120/240V, shock mtd	0	0	0	1	0	0	0	1	1	1	0	0	0	4

Table 2—1. Summary of Equipment—Type of Armored Division (with Mobile Assault Bridge)—Continued

1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	LIN	Nomenclature	HHC (17-4H)	MP co (19-27H)	CBTI co (30-19H)	Div avn co (17-87H)	Sig bn (11-35H)	Engr bn (5-145H)	Three bde HHC (17-42H) (ea)	Armd cav sqdn (17-105H)	Div arty (6-300H)	DISCOM (29-21H)	ADA bn (44-325H)	Six tank bn (17-35H) (ea)	Five inf bn (mech) (7-45H) (ea)	Div total (17H)
63	J43027	Generator set, gas eng, 0.5 kw, 400 hz, 1 ph, AC 120/240V, skid-shock, tac util	0	0	22	0	0	0	0	6	2	0	0	4	4	74
64	J43918	Generator set, gas eng, 1.5 kw, 60 hz, 1 ph, 2 wire, AC 120V, shock, tac util	1	2	2	7	7	6	8	10	35	42	14	8	13	263
65	J44055	Generator set, gas eng, 1.5 kw, DC 28V, shock, tac util	0	6	4	0	4	7	2	5	54	12	19	1	2	133
66	J45699	Generator set, gas eng, 3 kw, 60 hz, 1-3 ph, 120/240 120/208V, skid, tac util	0	0	0	1	0	16	0	1	0	3	0	0	0	21
67	J45836	Generator set, gas eng, 3 kw, 400 hz, 1-3 ph, AC 120/208/240V, tac util	0	0	1	0	0	0	0	0	48	0	0	0	0	49
68	J46110	Generator set, gas eng, 3 kw, DC 28V, skid-shock, tblr frame mtd, tac util	1	1	1	2	2	3	2	4	11	16	10	5	8	127
69	J46258	Generator set, gas eng, tlr mtd, 3 kw, 60 hz, 2 ea mtd on M101, PU-628	0	0	0	0	14	0	0	0	0	0	0	0	0	14
70	J46384	Generator set, gas eng, tlr mtd, 3 kw, 60 hz, 2 ea mtd on M101, PU-617	0	0	0	0	17	0	2	0	0	0	0	0	0	23
71	J47068	Generator set, gas eng, 5 kw, 60 hz, 1-3 ph, AC 120/240 120/208V, skid, tac util	0	0	0	0	0	0	0	0	0	7	0	0	1	12
72	J47617	Generator set, gas eng, tlr mtd, 5 kw, 60 hz, 2 ea mtd on M116, PU-620	0	0	0	0	12	2	0	0	21	0	2	0	0	37
73	J48713	Generator set, gas eng, 5 kw, 400 hz, 1-3 ph, AC 120/240 120/208V, skid, tac util	0	0	0	0	0	0	0	0	0	0	10	0	0	10
74	J49055	Generator set, gas eng, 7.5 kw, DC 28.5V, whl mtd	0	0	0	1	0	0	1	3	2	3	0	0	0	12
75	J49398	Generator set, gas eng, 10 kw, 60 hz, 1-3 ph, AC 120/240 120/208V, tac util	0	0	0	0	0	5	0	0	0	20	0	0	0	25
76	J49809	Generator set, gas eng, tlr mtd, 10 kw, 60 hz, mtd on M101, PU-332	0	0	0	0	0	0	0	0	0	9	0	0	0	9
77	L43664	Launch, M60 series, tank chassis, transporting, 40 and 60 ft bridge, type cl-60	0	0	0	0	0	4	0	0	0	0	0	2	0	16
78	L64131	Lt set, marker, emergency, airfield runway, ptbl btry op	0	0	0	0	0	4	1	1	1	0	0	0	0	9
79	L85420	Lub svc unit, power op, tlr mtd, 15 cu ft, air compressor, gas drvn, wzd	0	0	0	0	0	1	0	0	0	0	0	0	0	1
80	P11866	Pneumatic tool and compressor outfit, 250 CFM, tlr mtd	0	0	0	0	0	5	0	0	0	0	0	0	0	5
81	P91756	Pump, cntrf, gas drvn, frame mtd, 1½-in, 65 gallons per min, 50-ft hd	0	0	0	0	0	6	0	0	0	0	0	0	0	6
82	P96640	Pumping assembly, flammable liquid, bulk transfer	0	0	0	0	0	0	0	0	1	0	0	0	0	1
83	T10138	Shop equip, contact maint, trk mtd	0	0	0	0	0	2	0	0	0	11	0	0	0	13
84	T10275	Shop equip, elec rep, stlr mtd, Army	0	0	0	0	0	0	0	0	0	1	0	0	0	1
85	T10412	Shop equip, elec rep, stlr mtd, Army	0	0	0	0	0	0	0	0	0	1	0	0	0	1
86	T13152	Shop equip, org rep, lt trk mtd	0	0	0	0	0	1	0	0	0	0	0	0	0	1
87	U69083	Surveying instrument azimuth, gyro lt wt (SIAGL)	0	0	0	0	0	0	0	0	10	0	0	0	0	10
88	U69357	Surveying instrument, dis meas, electronic mwave, minatzd purpose	0	0	0	0	0	0	0	0	15	0	0	0	0	15
89	V12141	Tank and pump unit, liquid dispensing, trkmounting	0	0	0	2	1	1	1	3	7	8	9	4	1	63
90	V19950	Tank unit, liquid dispensing, tlr mounting	0	0	0	0	1	1	0	3	5	5	8	4	1	52
91	V71313	Test set, computer, TS-909/PPM	0	0	0	0	0	0	0	0	5	0	0	0	0	5

Table 2–1. Summary of Equipment–Type of Armored Division (with Mobile Assault Bridge)–Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	*LIN*	*Nomenclature*	*HHC (17-4H)*	*MP co (19-27H)*	*CBTI co (30-19H)*	*Div avn co (17-87H)*	*Sig bn (11-35H)*	*Engr bn (5-145H)*	*Three bde HHC (17-42H) (ea)*	*Armd cav sqdn (17-105H)*	*Div arty (6-300H)*	*DISCOM (29-21H)*	*ADA bn (44-325H)*	*Six tank bn (17-35H) (ea)*	*Five inf bn (mech) (7-45H) (ea)*	*Div total (17H)*
92	V71450	Test set, computer, logic unit	0	0	0	0	0	0	0	0	7	1	0	0	0	8
93	W07701	Theodolite, survey, direct 0.002-mil, 30 porm, 5 power detach tribrch	0	0	0	0	0	0	0	0	12	1	0	0	0	13
94	W07838	Theodolite survey, direct, 0.2 mil w/tripod and carrying case	0	0	0	0	0	0	0	0	14	0	0	0	0	14
95	W32593	Shop equip, auto maint, and rep, om common no 1, less power	1	1	1	1	3	5	1	5	24	12	5	5	4	111
96	W32730	Shop equip, auto maint and rep, om common no 2, less power	0	0	0	0	1	1	0	1	5	2	0	1	1	21
97	W66747	Tool set, veh full tracked, org maint sup no 2, less power	0	0	1	0	0	1	1	1	4	0	4	1	5	45
98	Y35486	Water purif equip set, trk mtd, diatomite filter, 1,500 gal per hour (Army)	0	0	0	0	0	5	0	0	0	0	0	0	0	5
		Class VIIG–Electronics														
99	A28833	Acft con central, AN/TSQ-70, less power	0	0	0	1	0	0	0	0	0	0	0	0	0	1
100	B67423	Binocular, electronic, AN/PAS-5	0	0	0	0	0	16	0	0	0	0	0	0	0	16
101	C69541	Cable telephone, WF-16/U	0	2	0	0	0	0	0	0	10	0	16	0	0	28
102	H76352	Flight coordination, central, AN/TSC-61, less power	0	0	0	1	0	0	0	0	0	0	0	0	0	1
103	L36402	Landing control, central, AN/TSQ-71, less power	0	0	0	1	0	0	0	0	0	0	0	0	0	1
104	M36739	Meteorological station, manual, AN/TMQ-4	0	0	0	0	0	0	0	0	1	0	0	0	0	1
105	N04456	Night vision goggles, AN/PVS-5	0	0	2	0	0	0	0	0	0	0	0	0	0	2
106	N04730	Night vision sight, individual servep weapon, AN/PVS-2	0	0	0	0	0	39	0	99	0	0	0	11	62	514
107	N15518	Night vision sight, tripod mounted, AN/TVS-4	0	0	0	0	0	0	0	3	4	0	0	6	9	88
108	Q15414	Radar set, AN/MPQ-4, less power	0	0	0	0	0	0	0	0	8	0	0	0	0	8
109	Q16110	Radar set, AN/PPS-5, less power	0	0	26	0	0	0	0	0	0	0	0	0	0	26
110	Q17332	Radar set, AN/TPS-25, less power	0	0	0	0	0	0	0	0	2	0	0	0	0	2
111	Q22382	Radio frequency monitor set, AN/USQ-46A	0	0	28	0	0	0	0	0	0	0	0	0	0	28
112	Q32756	Radio set, AN/GRC-106	1	0	2	0	2	0	1	6	1	0	5	0	0	20
113	Q34308	Radio set, AN/GRC-160	2	1	32	0	0	46	0	30	71	1	0	20	114	873
114	Q38299	Radio set, AN/PRC-77	0	0	0	0	0	9	3	20	26	0	6	0	14	140
115	Q38335	Radio set, AN/PRC-90	0	0	0	20	0	0	8	54	28	2	0	0	0	128
116	Q45779	Radio set, AN/VRC-12	0	0	0	0	0	0	0	23	0	0	0	28	3	206
117	Q52394	Radio set, AN/VRC-44	0	0	0	0	0	0	0	0	0	0	16	0	0	16
118	Q53001	Radio set, AN/VRC-46	7	50	16	0	20	11	8	32	108	22	32	20	9	487
119	Q54174	Radio set, AN/VRC-47	5	0	2	2	7	23	4	18	34	19	57	17	18	371
120	Q55114	Radio set, AN/VRC-49	0	0	0	0	6	5	1	1	18	0	0	1	1	44
121	Q56783	Radio set, AN/VRC-64	0	0	8	0	0	30	2	46	10	5	0	41	14	421
122	Q78282	Radio set, con gp, AN/GRA-39	4	5	10	2	12	7	3	19	171	13	67	24	12	523
123	Q90120	Radio teletypewriter set, AN/GRC-142	0	0	0	0	12	2	0	0	21	0	2	0	0	37
124	Q95810	Radiosonde baseline check set, AN/GMM-1A	0	0	0	0	0	0	0	0	1	0	0	0	0	1
125	R16476	Rawin set, AN/GMD-1	0	0	0	0	0	0	0	0	1	0	0	0	0	1
126	R29799	Receiver set, radio, AN/PRR-9	0	8	0	0	0	0	0	0	0	0	0	0	45	233
127	R50043	Recording set, weather data, AN/TMQ-5	0	0	0	0	0	0	0	0	1	0	0	0	0	1
128	U81707	Switchboard, telephone, manual, SB-22/PT	0	1	3	1	7	7	2	5	39	13	4	3	7	139
129	U82255	Switchboard, telephone, manual, SB-86/P	0	0	0	0	0	0	0	0	2	0	1	0	0	3
130	V30252	Telephone set, TA-1/PT	0	0	0	0	0	52	0	33	24	10	40	22	77	676

Table 2—1. Summary of Equipment—Type of Armored Division (with Mobile Assault Bridge)—Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	*LIN*	*Nomenclature*	*HHC (17-4H)*	*MP co (19-27H)*	*CBTI co (30-19H)*	*Div avn co (17-87H)*	*Sig bn (11-35H)*	*Engr bn (5-145H)*	*Three bde HHC (17-42H) (ea)*	*Armd cav sqdn (17-105H)*	*Div arty (6-300H)*	*DISCOM (29-21H)*	*ADA bn (44-325H)*	*Six tank bn (17-35H) (ea)*	*Five inf bn (mech) (7-45H) (ea)*	*Div total (17H)*
131	V31211	Telephone set, TA-312/PT	0	11	75	19	285	52	20	38	589	157	229	38	63	2,058
132	V38758	Teletypewriter, TT-537/G	0	0	0	0	0	0	0	0	6	0	0	0	0	6
133	V57914	Terminal telegraph-telephone, AN/TCC-29	0	0	2	1	6	0	2	0	2	0	0	0	0	17
134	X17820	Transmitter set, radio, AN/PRT-4	0	8	0	0	0	0	0	0	0	0	0	0	45	233
135	Y54817	Wind measuring set, AN/PMQ-6	0	0	0	0	0	0	0	0	4	0	0	0	0	4
		Class VIIK—Tactical Vahiclas														
136	A93125	Armored reconnaissance airborne-assault vehicle, full tracked, 152-mm	0	0	0	0	0	0	0	27	0	0	0	0	0	27
137	D10726	Carrier, 81-mm mort, full tracked (less mort)	0	0	0	0	0	0	0	0	0	0	0	0	9	45
138	E02670	Chassis tlr, gp, 3½-ton, 2-wheeled, WE	0	0	0	0	0	0	0	0	0	1	0	0	0	1
139	E02807	Chassis, tlr, generator, 2½-ton, 2-wheel, WE	0	0	0	0	0	0	0	0	0	2	2	0	0	4
140	E56578	Cbt eng veh, full tracked	0	0	0	0	0	8	0	0	0	0	0	0	0	8
141	K90188	Instrument repair shop, truck mounted, 2½-ton, 6x6, WE	0	0	0	0	0	0	0	0	0	6	0	0	0	6
142	S70243	Semitrailer, low bed, wrecker 12-ton, 4-wheeled, 40-ft, WE	0	0	0	0	0	0	0	0	0	1	0	0	0	1
143	S70517	Semitrailer, low bed, 25-ton, 4-wheeled, WE	0	0	0	0	0	10	0	0	0	0	0	0	0	10
144	S72024	Semitrailer, stake, 12-ton, 4-wheeled, WE	0	0	0	0	0	0	0	0	0	37	0	0	0	37
145	S72983	Semitrailer, tank, fuel servicing, 5,000-gal, 12-ton 4-wheeled, WE	0	0	0	0	0	0	0	0	0	30	0	0	0	30
146	S74079	Semitrailer, van, cargo, 12-ton, 4-wheeled, WE	0	0	0	0	0	0	0	0	0	7	0	0	0	7
147	S74490	Semitrailer, van, expansible, 6-ton, 4-wheeled (Army)	0	0	0	0	0	0	0	0	0	2	0	0	0	2
148	S74832	Semitrailer, van, repair parts storage, 6-ton, 4-wheeled WE	0	0	0	0	0	1	0	0	0	18	0	0	0	19
149	W94030	Trailer, ammunition, 1½-ton, 2-wheeled, WE	0	0	0	0	0	0	0	2	0	0	0	0	0	2
150	W95263	Trailer, cable, reel, 3½-ton, 2-wheeled, WE	0	0	0	0	0	2	0	0	0	0	0	0	0	2
151	W95400	Trailer, cargo, ¼-ton, 2-wheeled, WE	13	45	15	2	18	18	10	16	90	78	31	20	34	646
152	W95537	Trailer, cargo, ¾-ton, 2-wheeled, WE	7	6	8	4	16	3	0	1	14	21	18	0	0	98
153	W95811	Trailer, cargo, 1½-ton, 2-wheeled, WE	8	2	4	3	18	66	5	23	56	177	31	19	16	597
154	W98825	Trailer, tank, water, 400-gal, 1½-ton, 2-wheeled, WE	1	0	0	1	4	6	1	5	24	19	5	5	5	123
155	X38639	Truck, ambulance, ¼-ton, 4x4, WE	2	0	0	0	0	1	0	0	1	0	0	0	0	4
156	X38776	Truck, ambulance, ¾-ton, 4x4, WE	0	0	0	0	0	0	0	0	0	32	0	0	0	32
157	X38961	Truck, ambulance, 1¼-ton, 6x6, WE	0	0	0	0	0	0	0	1	5	0	1	1	1	18
158	X39432	Truck, cargo, 1¼-ton, 4x4	0	0	0	0	0	0	0	0	0	2	0	0	0	2
159	X39735	Truck, cargo, ¾-ton, 4x4, WE	7	6	5	6	27	5	0	0	22	32	10	0	0	120
160	X39883	Truck, cargo, 1¼-ton, 4x4, WE	0	0	0	0	36	0	0	0	0	0	0	0	0	36
161	X39940	Truck, cargo, 1¼-ton, 6x6, WE	0	0	3	0	40	19	7	9	97	0	22	7	7	288
162	X40009	Truck, cargo, 2½-ton, 6x6, WE	1	1	4	4	29	34	3	18	109	157	26	14	14	546
163	X40146	Truck, cargo, 2½-ton, 6x6, w/winch, WE	1	2	0	2	16	3	1	4	21	11	0	6	2	109
164	X40283	Truck, cargo, 2½-ton, 6x6, XLW8, WE	0	0	1	0	0	0	0	0	2	0	2	0	0	5
165	X40794	Truck, cargo, drop-side, 5-ton, 6x6, WE	0	0	0	0	0	0	0	0	0	6	0	0	0	6
166	X40831	Truck, cargo, 5-ton, 6x6, LW8, WE	0	0	0	2	0	0	0	0	5	1	5	0	0	13
167	X40931	Truck, cargo, drop-side, 5-ton, 6x6, w/winch, WE	0	0	0	0	0	1	0	0	0	0	0	0	0	1
168	X40968	Truck, cargo, 5-ton, 6x6, LW8, w/winch, WE	0	0	0	0	0	0	0	0	0	0	4	0	0	4
169	X41310	Truck, cargo, 5-ton, 8x8, WE	0	0	0	0	0	1	1	6	0	0	6	6	6	82
170	X41327	Truck, cargo, 5-ton, 8x8, w/winch, WE	0	0	0	0	0	0	0	5	0	0	0	0	0	5

Table 2–1. Summary of Equipment—Type of Armored Division (with Mobile Assault Bridge)—Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	*LIN*	*Nomenclature*	*HHC (17-4H)*	*MP co (19-27H)*	*CBTI co (30-19H)*	*Div avn co (17-87H)*	*Sig bn (11-35H)*	*Engr bn (5-145H)*	*Three bde HHC (17-42H) (ea)*	*Armd cav sqdn (17-105H)*	*Div arty (6-300H)*	*DISCOM (29-21H)*	*ADA bn (44-325H)*	*Six tank bn (17-35H) (ea)*	*Five inf bn (mech) (7-45H) (ea)*	*Div total (17H)*
171	X41615	Truck, cargo, 8-ton, 4x4, WE	0	0	0	0	0	0	0	5	72	0	0	5	5	132
172	X43708	Truck, dump, 5-ton, 6x6, WE	0	0	0	0	0	16	0	0	0	0	0	0	0	16
173	X43845	Truck, dump, 5-ton, 6x6, w/winch, WE	0	0	0	0	0	6	0	0	0	0	0	0	0	6
174	X57271	Truck, tank, fuel servicing, 2½-ton, 6x6, WE	0	0	0	4	0	0	0	0	1	0	0	0	0	5
175	X58078	Truck, tank, fuel servicing, 2,500-gal, 4x4, WE	0	0	0	0	0	4	0	3	6	0	0	0	2	23
176	X58093	Truck, tank, fuel servicing, 2,500-gal, 4x4, w/winch, WE	0	0	0	0	0	0	0	0	0	0	0	4	0	24
177	X59052	Truck, tractor, 2½-ton, 6x6, WE	0	0	0	0	0	0	0	0	0	1	0	0	0	1
178	X59326	Truck, tractor, 5-ton, 6x6, WE	0	0	0	0	0	1	0	0	0	75	0	0	0	76
179	X59463	Truck, tractor, 5-ton, 6x6, w/winch, WE	0	0	0	0	0	0	0	0	0	1	0	0	0	1
180	X59874	Truck, tractor, 10-ton, 6x6, w/midship winch, w/low mtd 5th whl, WE	0	0	0	0	0	10	0	0	0	0	0	0	0	10
181	X60696	Truck, tractor, wrecker, 5-ton, 6x6, w/winch, WE	0	0	0	0	0	0	0	0	0	1	0	0	0	1
182	X60833	Truck, utility, ¼-ton, 4x4, WE	17	45	15	3	25	19	12	26	136	72	31	34	34	799
183	X62237	Truck, van, expansible, 5-ton, 6x6, WE	4	0	2	0	1	0	0	0	0	1	0	0	0	8
184	X62340	Truck, van, shop, 2½-ton, 6x6, WE	0	0	0	1	0	1	0	1	3	37	4	0	0	47
185	X63299	Truck, wrecker, 5-ton, 6x6, w/winch, WE	0	0	1	0	1	0	0	1	5	5	1	0	0	14
186	X63436	Truck, wrecker, 10-ton, 4x4, WE	0	0	0	0	0	1	0	2	4	6	0	1	1	24
		Class VIIL—Missiles														
187	D11681	Carrier, guided missile equipment (TOW)	0	0	0	0	0	0	0	0	0	0	0	0	18	90
188	G22933	Display set, target alert data (FAAR)	0	0	0	0	0	0	0	6	16	0	60	6	6	148
189	J95533	Guided missile system, intercept, carrier mtd (Chaparral)	0	0	0	0	0	0	0	0	0	0	24	0	0	24
190	L13998	Jack set, leveling spt launching, station, copter mode (Chaparral)	0	0	0	0	0	0	0	0	0	0	7	0	0	7
191	L45740	Launcher, tubular, guided missile (TOW)	0	0	0	0	0	0	0	0	0	0	0	0	18	90
192	Q16046	Radar set, AN/MPQ-49 (FAAR)	0	0	0	0	0	0	0	0	0	0	8	0	0	8
193	T14440	Shop equipment, guided missile system, AN/TSM-95 (Chaparral)	0	0	0	0	0	0	0	0	0	0	2	0	0	2
194	V79469	Test set, guided missile system (Chaparral)	0	0	0	0	0	0	0	0	0	0	2	0	0	2
195	V84002	Test set, radar, AN/MPM-59 OMTS (FAAR)	0	0	0	0	0	0	0	0	0	0	1	0	0	1
		Class VIIM—Weapons														
196	A22496	Aiming circle	0	0	0	0	0	0	0	3	51	0	0	2	5	91
197	A89820	Armament pod, aircraft, 7.62-mm machinegun, WO weapon	0	0	0	0	0	0	0	6	0	0	0	0	0	6
198	A89992	Armament subsystem, helicopter, 20-mm automatic gun	0	0	0	0	0	0	0	4	0	0	0	0	0	4
199	A90118	Armament subsystem, helicopter, 7.62-mm machine-gun, light, WO, weapons, WE	0	0	0	4	0	0	0	8	0	1	0	0	0	13
200	A90437	Armament subsystem, helicopter, 7.62-mm, machine-gun, 40-mm launcher, hi rate WO weapons	0	0	0	0	0	0	0	9	0	0	0	0	0	9
201	E76866	Computer, gun direction	0	0	0	0	0	0	0	0	22	0	0	0	0	22
202	J96694	Gun, ADA, SP, 20-mm	0	0	0	0	0	0	0	0	0	0	24	0	0	24
203	L44174	Launcher, grenade, acft 40-mm, left or right hand feed	0	0	0	0	0	0	0	9	0	0	0	0	0	9
204	L44595	Launcher, grenade, 40-mm, single shot, rifle mtd, detachable WE	0	16	2	6	8	86	3	82	227	60	68	18	82	1,082
205	L45016	Launcher, rocket, acft, 2.75-in	0	0	0	0	0	0	0	12	0	0	0	0	0	12

Table 2–1 Summary of Equipment–Type of Armored Division (with Mobile Assault Bridge)–Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	*LIN*	*Nomenclature*	*HHC (17-4H)*	*MP co (19-27H)*	*CBTI co (30-19H)*	*Div avn co (17-87H)*	*Sig bn (11-35H)*	*Engr bn (5-145H)*	*Three bde HHC (17-42H) (ea)*	*Armd cav sqdn (17-105H)*	*Div arty (6-300H)*	*DISCOM (29-21H)*	*ADA bn (44-325H)*	*Six tank bn (17-35H) (ea)*	*Five inf bn (mech) (7-45H) (ea)*	*Div total (17H)*
206	L45063	Launcher, rocket, acft, 2.75-in, 19 tube (repairable)	0	0	0	0	0	0	0	20	0	0	0	0	0	20
207	L45123	Launcher, rocket, multiple, 115-mm	0	0	0	0	0	0	0	0	9	0	0	0	0	9
208	L45250	Launcher, rocket, 66-mm, 4-tube	0	0	0	0	0	0	0	10	0	0	0	5	9	85
209	L91838	Machinegun, caliber 50, HB flexible, vehicle mtd	0	0	33	0	0	42	1	63	129	4	20	17	86	826
210	L91975	Machinegun, caliber 50, HB, flexible for ground use	2	0	0	0	0	0	3	32	0	0	0	14	26	257
211	L92260	Machinegun, 7.62-mm, acft, light, door mtd	0	0	0	6	0	0	0	16	0	2	0	0	0	26
212	L92323	Machinegun, 7.62-mm, six barrels	0	0	0	0	0	0	0	15	0	0	0	0	0	15
213	L92386	Machinegun, 7.62-mm, light, flexible	0	10	0	3	10	15	0	23	171	55	20	0	49	552
214	M68008	Mortar, 81-mm, on mount	0	0	0	0	0	0	0	0	0	0	0	0	9	45
215	M68282	Mortar, 4.2-in, on mount	0	0	0	0	0	0	0	9	0	0	0	4	4	53
216	M75577	Mount, tripod, machinegun, heavy, caliber .50	2	0	33	0	0	40	3	32	120	0	16	14	106	866
217	M75714	Mount, tripod, machinegun, 7.62-mm	0	5	0	3	10	15	0	13	171	55	20	0	49	537
218	N82364	Periscope, battery, command	0	0	0	0	0	0	0	0	28	0	0	1	1	39
219	N96741	Pistol, caliber .45, automatic	39	151	52	0	12	71	16	253	126	98	22	279	116	3,126
220	Q13770	Radar chronograph set	0	0	0	0	0	0	0	0	2	0	0	0	0	2
221	R12989	Range finder, fire control, WE (Laser)	0	0	0	0	0	0	0	9	32	0	0	3	0	59
222	R91107	Revolver, caliber .38, 2-in barrel	0	2	0	0	0	0	0	0	0	0	0	0	0	2
223	R91244	Revolver, caliber .38, special, 4-in barrel	3	0	0	27	0	0	5	71	17	10	0	0	0	143
224	R94977	Rifle, 5.56-mm, WE	148	186	179	69	598	893	87	561	2,643	2,272	560	273	735	13,683
225	R96484	Rifle, recoilless, 90-mm	0	8	0	0	0	0	0	0	0	0	0	0	0	8
226	U56346	Submachinegun, caliber .45	0	0	0	0	0	4	2	64	18	0	0	122	13	889
		Class VIIO–Combat Vehicles														
227	D10741	Carrier, 107-mm, mortar, SP (less mortar)	0	0	0	0	0	0	0	9	0	0	0	4	4	53
228	D11049	Carrier, cargo, tracked, 6-ton	0	0	0	0	0	0	0	0	66	0	0	0	0	66
229	D11401	Carrier, command and reconnaissance, armored	0	0	0	0	0	0	0	50	0	0	0	9	11	159
230	D11538	Carrier, command post, light tracked	2	0	1	0	0	3	4	6	35	0	0	6	6	125
231	D12087	Carrier, personnel, full tracked, armored	0	0	32	0	0	40	0	25	0	0	16	9	52	427
232	K56981	Howitzer, heavy, SP, 8-in	0	0	0	0	0	0	0	0	12	0	0	0	0	12
233	K57667	Howitzer, medium, SP, 155-mm	0	0	0	0	0	0	0	0	54	0	0	0	0	54
234	R50544	Recovery vehicle, full tracked, light armored	0	0	1	0	0	0	1	5	8	0	4	2	6	63
235	R50681	Recovery vehicle, full tracked, medium	0	0	0	0	0	2	0	0	1	4	0	5	0	37
236	V13101	Tank, combat, full tracked, 105-mm, gun	0	0	0	0	0	0	0	0	0	0	0	54	0	324
		Class VIIQ–Marine Equipment														
237	B83856	Boat, landing, inflatable, assault craft, nylon cloth, 15-man	0	0	0	0	0	18	0	0	0	0	0	0	0	18
238	B84404	Boat, reconnaissance, pneumatic, 3-man	0	0	0	0	0	31	0	0	0	0	0	0	0	31
		Class VIIU–COMSEC Materiel														
239	E45766	Code changer key, KIK-18/TSEC	0	0	0	8	0	0	1	11	3	1	9	0	0	35
240	E45820	Code changer key, KYK-28/TSEC	2	6	55	4	9	8	3	17	39	13	17	6	4	235
241	H02300	Electronic teletypewriter security equipment, TSEC/KW-7	0	0	3	1	50	2	3	2	22	0	2	1	1	102
242	P43177	Power supply assembly, vehicular, Z-ACD	4	9	57	1	19	23	6	19	87	18	18	15	8	403
243	U01295	Speech security equipment, airborne, TSEC/KY-28	0	0	0	10	0	0	4	27	0	1	0	0	0	50
244	U01305	Speech security equipment, TSEC/KY-38	4	9	58	1	19	23	6	19	87	22	18	15	8	408
245	V08721	Tactical digital regenerative repeater, portable, HYL-3/TSEC	0	0	0	0	6	1	1	1	18	0	0	1	0	35

Table 2–1. Summary of Equipment—Type of Armored Division (with Mobile Assault Bridge)—Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	*LIN*	*Nomenclature*	*HHC (17-4H)*	*MP co (19-27H)*	*CBTI co (30-19H)*	*Div avn co (17-87H)*	*Sig bn (11-35H)*	*Engr bn (5-145H)*	*Three bde HHC (17-42H) (ea)*	*Armd cav sqdn (17-105H)*	*Div arty (6-300H)*	*DISCOM (29-21H)*	*ADA bn (44-325H)*	*Six tank bn (17-35H) (ea)*	*Five inf bn (mech) (7-45H) (ea)*	*Div total (17H)*
		Class VIIW—Ground: Construction and MHE														
246	C20414	Bridge, armor veh launch, scissor type, cl-60, alum, 60-ft length of span	0	0	0	0	0	6	0	0	0	0	0	2	0	18
247	F39241	Crane, wheel mtd, 5-ton, dsl, 4x4, rough terrain, air transport	0	0	0	0	0	0	0	0	0	4	0	0	0	4
248	F39378	Crane, wheel mtd, 20-ton, w/boom, crane, 30-ft, w/block and tackle, 20-ton	0	0	0	0	0	3	0	0	0	0	0	0	0	3
249	H32869	Fairlead roller and sheave, 12½-ton, crane-shovel, crlr, 20-ton, crane-shovel, trk	0	0	0	0	0	1	0	0	0	0	0	0	0	1
250	J74852	Grader, road, motorized, dsl drvn, hvy, 6x4, front-wheel steer	0	0	0	0	0	4	0	0	0	0	0	0	0	4
251	V09730	Tagline crane, and crane-shovel, ¾ to 1 cu yd bucket	0	0	0	0	0	2	0	0	0	0	0	0	0	2
252	W76816	Tractor, full tracked, low speed, dsl, medium dbp, w/bulldozer w/scarif winch	0	0	0	0	0	8	0	0	0	0	0	0	0	8
253	X48914	Truck, lift, fork, dsl drvn, 6,000-lb cap, rough terrain	0	0	0	0	0	1	0	2	0	5	0	0	0	8

Table 2—2 Summary of Equipment—Type of Infantry Division (with Mobile Assault Bridge)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	*LIN*	*Nomenclature*	*HHC (7-4H)*	*CBTI Co (30-19H)*	*MP co (19-27H)*	*Cbt avn bn (57-55H)*	*Sig bn (11-35H)*	*Engr bn (5-155H)*	*Three bde HHC (7-42H) (ea)*	*Air cav sqdn (17-205H)*	*Div arty (6-100H)*	*DISCOM (29-1H)*	*ADA bn (44-325H)*	*Inf bn (mech) (7-45H)*	*Tank bn (17-35H)*	*Eight inf bn (7-15H) (ea)*	*Div total (7H)*
		Class IIA—Air															
2	A21383	Aerial recovery kit for Army acft	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
3	M02470	Maint platform, hyd adj to 10-ft high 44½-in wide	0	0	0	0	0	0	1	10	0	0	0	0	0	0	13
4	M02504	Maint platform, hyd adj type, 3- to 7-ft height	0	0	0	0	0	0	1	10	2	0	0	0	0	0	15
		Class IIB—Troop Support															
5	K39774	Hoisting unit trk mounting, organizational maint set no 7	0	0	1	0	0	0	0	0	1	1	0	0	0	0	3
6	L64542	Lt set operational area, acft, ½ kw heliport (Army)	0	0	0	4	0	0	0	4	1	1	0	0	0	0	10
7	P92030	Pump cntrf & gas drvn frame mtd 2-in 125 GPM, 50-ft hd	0	0	0	0	0	5	0	0	0	0	0	0	0	0	5
8	T10600	Shop equip, GM aux equip maint (Chaparral)	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
9	V84014	Test set radar, AN/TPM-23 (VADS)	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
10	W32867	Shop equip auto maint and rep org sup no 1 less power	1	1	1	3	0	1	1	4	1	8	5	4	3	0	35
11	W67843	Torch outfit, cutting and welding, set 2	0	0	0	0	0	3	0	0	0	0	0	0	0	0	3
12	Z13157	Card punch machine, ADPE	0	0	0	0	0	0	0	0	0	7	0	0	0	0	7
13	Z74660	Sorter, ADPE	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
14	F77651	CS3, Data analysis central, OL-88(V) 1/MYK-8(V)	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
15	F77918	CS3, Data storage group, OL-89(V) 1/MYK-8(V)	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
16	F77964	CS3, Data support facility, mobile, V-460/MYK-8 (V)	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
17	M57481	CS3, Maintenance shop facility, mobile V-452/MYK-8 (V)	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
18	U43735	CS3, Storage facility, mobile, V-483/MYK-8(V)	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
19	J35801	CS3, Generator, diesel engine, 100 KW, 60 hz, mtd on M353, IU-495	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
20	X59326	CS3, Truck tractor, 5 ton, 6x6 W/E, M818	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
		Class IIE—General Supply															
21	G68966	Drum, fabric, collapsible, liquid fuel 500-gal capacity	0	0	0	19	0	0	0	21	0	27	0	0	0	0	67
		Class IIG—Electronics															
22	C68719	Cable telephone, WO-1/TT, OR-8, 1,320 ft	0	64	3	39	61	35	14	84	388	28	320	114	118	93	2,040
23	C68856	Cable telephone, WD-1/TT, RL-159/U 5,280 ft	0	0	3	12	109	19	36	0	422	29	24	6	2	16	862
24	C68993	Cable telephone, WD-1/TT, 2 cond, field wire	0	0	0	0	0	18	20	15	167	0	0	42	0	87	998
25	R30662	Receiver-transmitter con gp, AN/GRA-6	0	1	0	0	2	0	1	5	0	0	5	0	0	0	16
26	U82529	Switchboard, telephone, manual, S8-993/GT	0	0	0	0	0	9	0	0	2	4	12	6	4	12	133
27	V30937	Telephone set, TA-264/PT	0	0	0	0	0	0	2	0	7	5	0	0	0	0	18
		Class IIW—Ground															
28	C29490	Bucket, clamshell, ¾ cu yd	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2
29	C30997	Bucket, dragline, ¾ cu yd	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
		Class VIIA—Air															
30	K29660	Helicopter, atk, AH-1G	0	0	0	6	0	0	0	27	0	0	0	0	0	0	33
31	K31042	Helicopter, obsn, OH-58A	—	0	0	6	0	0	4	30	14	0	0	0	0	0	62
32	K31795	Helicopter, util, UH-1H		0	0	30	0	0	2	28	0	1	0	0	0	0	65
33	T17093	Shop set, acft maint, ambl, UH-1/OH-6 co-sized ds		0	0	0	0	0	0	3	0	0	0	0	0	0	3
34	W62611	Tool set, avn unit maint, set no 1, ambl		0	0	0	0	0	1	10	2	0	0	0	0	0	15
35	W93995	Trailer acft maint ambl 4 wheeled 30/48-in trf rail sys		0	0	0	0	0	0	0	0	6	0	0	0	0	6
36	X23227	Transporter, ambl, hyd lift for shelter and X-4 container		0	0	5	0	0	1	8	1	2	0	0	0	0	19

Table 2–2. Summary of Equipment–Type of Infantry Division (with Mobile Assault Bridge)–Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
LIN	*Nomenclature*	*HHC (7-4H)*	*CBTI Co (30-19H)*	*MP co (19-27H)*	*Cbt avn bn (57-55H)*	*Sig bn (11-35H)*	*Engr bn (5-155H)*	*Three bde HHC (7-42H) (ea)*	*Air cav sqdn (17-205H)*	*Div arty (6-100H)*	*DISCOM (29-1H)*	*ADA bn (44-325H)*	*Inf bn (mech) (7-45H)*	*Tank bn (17-35H)*	*Eight inf bn (7-15H) (ea)*	*Div total (7H)*
	Class VIIB–Troop Support															
C25757	Bridge, floating, raft sec, lt tac		0	0	0	0	2	0	0	0	0	0	0	0	0	2
E67735	Compressor RCP, power drvn base, AC 115V, 60 cy, 1 ph, 1.5 CFM, 50 PSI		0	0	0	0	0	0	0	0	4	0	0	0	0	4
E69242	Compressor RCP, power drvn, air rec, gas drvn, 15 CFM, 175 PSI		0	0	1	1	1	0	0	5	4	0	1	1	1	22
E70064	Compressor RCP, power drvn, trk 2-whl pneu tires, gas drvn, 5 CFM, 175 PSI		1	1	3	3	4	1	5	25	12	5	4	5	1	80
E70201	Compressor RCP, power drvn, trk 2-whl pneu tires, gas drvn, 8 CFM, 175 PSI		0	0	2	0	0	1	4	1	0	0	0	0	0	10
E70817	Compressor RCP, power drvn, air, whl gas drvn, 4 CFM, 3,000 PSI		0	0	0	0	0	0	0	0	1	0	0	0	0	1
E73626	Compressor rotary, power drvn, air whbrw frame, 2 pneu tire gas drvn, 60 CFM, 6.5 PSI		0	0	0	0	2	0	0	0	3	0	0	0	0	5
G02204	Detecting set, mine, ptbl, metallic and nonmetallic		1	4	0	7	47	0	4	26	6	5	1	5	5	146
G02341	Detecting set, mine, ptbl, metallic (AN/PSS-11)		1	4	0	13	38	0	4	26	6	5	3	5	12	201
G32473	Diving equip set, 1 person scuba, open circuit		0	0	0	0	3	0	0	0	0	0	0	0	0	3
H38787	Ferry, conversion set, raft, inf spt		0	0	0	0	2	0	0	0	0	0	0	0	0	2
H94824	Forward area refueling equip (FARE)		0	0	6	0	0	0	7	0	4	0	0	0	0	17
J04716	Fuel sys, SUPPT, ptbl, 60,000-gal cap		0	0	0	0	0	0	0	0	1	0	0	0	0	1
J35492	Generator set, dsl eng, tlr mtd, 15 KW, 60 HZ on M200 PU-405		2	0	0	1	0	0	0	0	1	0	0	0	0	4
J35629	Generator set, dsl eng, tlr mtd, 60 KW, 60 HZ, mtd on M200 PU-650		0	0	0	0	0	0	0	0	4	0	0	0	0	4
J35835	Generator set, dsl eng, 15 KW, 60 HZ, 3 ph AC 120/208 240/416V skid, tac util		0	0	0	0	0	0	0	0	2	0	0	0	0	4
J36109	Generator set, dsl eng, 30 KW, 60 HZ, 3 ph AC 120/208, 240/416V, 50 HZ, tac util		0	0	0	0	0	0	0	0	4	0	0	0	0	4
J36383	Generator set, dsl eng, tlr mtd, 30 KW, 60 HZ, mtd on M200 PU-406		0	0	1	0	0	0	0	0	4	0	0	0	0	5
J36725	Generator set, dsl eng, 30 KW, AC 120/208 240/416V, 3 ph, 400 HZ, tac precise		0	0	0	0	0	0	0	0	0	2	0	0	0	2
J38301	Generator set, dsl eng, 60 KW, 60 HZ, 3 ph, AC 120/208 240/416, 50 HZ, tac util		0	0	0	0	0	0	0	0	1	0	0	0	0	1
J41452	Generator set, gas eng, tlr mtd, 10 KW, 400 HZ, mtd on M103 PU-304/MPQ-4		0	0	0	0	0	0	0	8	0	0	0	0	0	8
J42100	Generator set, gas eng, tlr mtd, 10 KW, 60 cy, 1 ph, AC 120/240V, PU-619/M		2	0	1	7	0	0	0	0	0	0	0	0	0	10
J42685	Generator set, gas eng, 0.3 KW, AC 115V, 1 ph, 400 HZ, DC 24 to 35V		0	0	0	0	0	0	0	1	0	0	0	0	0	1
J42856	Generator set, gas eng, 0.5 KW, 28V, skid shock tac util		0	0	0	0	0	0	0	0	0	0	0	1	0	1
J42976	Generator set, gas eng, 0 5 KW, 60 cy, 1 ph, AC 120/240V, shock mtd		0	0	0	0	0	0	4	1	1	0	0	0	0	6
J43027	Generator set, gas eng, 0.5 KW, 400 HZ, 1 ph, AC 120/240V, skid shock tac util		22	0	2	0	0	0	2	2	0	0	4	4	4	68
J43918	Generator set, gas eng, 1 5 KW, 60 HZ, 1 ph, 2 wire, AC 120V, shock tac util		2	2	19	7	6	5	22	35	45	14	13	8	4	221
J44055	Generator set, gas eng, 1.5 KW, DC 28V, shock tac util		4	6	0	4	6	4	0	88	13	19	2	1	1	163
J45699	Generator set, gas eng, 3 KW, 60 HZ, 1-3 ph, 120/240, 120/208V, skid tac util		0	0	1	0	13	3	0	0	3	0	0	0	0	26
J45836	Generator set, gas eng, 3 KW, 400 HZ, 1-3 ph, AC 120/208/240V, tac util		1	0	0	0	0	0	0	32	1	0	0	0	0	34
J46110	Generator set, gas eng, 3 KW, DC 28V, skid shock, tblr frame mtd, tac util		1	1	4	2	3	1	9	11	17	10	8	5	4	107

Table 2–2. Summary of Equipment–Type of Infantry Division (with Mobile Assault Bridge)—Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
LIN	*Nomenclature*	*HHC (7-4H)*	*CBTI Co (30-19H)*	*MP co (19-27H)*	*Cbt avn bn (57-55H)*	*Sig bn (11-35H)*	*Engr bn (5-155H)*	*Three bde HHC (7-42H) (ea)*	*Air cav sqdn (17-205H)*	*Div arty (6-100H)*	*DISCOM (29-1H)*	*ADA bn (44-325H)*	*Inf bn (mech) (7-45H)*	*Tank bn (17-35H)*	*Eight inf bn (7-15H) (ea)*	*Div total (7H)*
J46258	Generator set, gas eng, tlr mtd, 3 KW, 60 HZ, 2 ea mtd on M101 PU-628		0	0	0	14	0	2	0	0	0	0	0	0	0	20
J46384	Generator set, gas eng, tlr mtd, 3 KW, 60 HZ, 2 ea mtd on M101 PU-617		0	0	0	17	0	0	0	0	0	0	0	0	0	17
J46692	Generator set, gas eng, DC, 5 kw, 28V, frame-shock mtd	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
J47068	Generator set, gas eng, 5 KW, 60 HZ, 1-3 ph, AC 120/240 120/208V, skid, tac util	0	0	0	7	0	0	1	1	0	8	0	1	0	2	36
J47617	Generator set, gas eng, tlr mtd, 5 KW, 60 HZ, 2 ea mtd on M116 PU-620	0	0	0	0	12	2	1	2	15	0	2	0	0	0	36
J48713	Generator set, gas eng, 5 KW, 400 HZ, 1-3 ph, AC 120/240 120/208V, skid, tac util	0	0	0	0	0	0	0	0	0	0	10	0	0	0	10
J49055	Generator set, gas eng, 7.5 KW, DC 28.5V, whl mtd	0	0	0	6	0	0	1	10	2	2	0	0	0	0	23
J49398	Generator set, gas eng, 10 KW, 60 HZ, 1-3 ph, AC 120/240 120/208V, tac utility	0	0	0	0	0	5	0	0	0	23	0	0	0	0	28
J49809	Generator set, gas eng, tlr mtd, 10 KW, 60 HZ, mtd on M101 PU-332	0	0	0	0	0	0	0	0	0	6	0	0	0	0	6
L01326	Demineralization equip set, water ion exchange, tlr mtd, 3,000-gal	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
L27293	Kit, fire fighting, airmobile	0	0	0	0	0	0	1	0	0	0	0	0	0	0	3
L27327	Kit, fire suppression airmobile	0	0	0	0	0	0	1	0	0	0	0	0	0	0	3
L43664	Launch, M60-series, tank chassis, transporting, 40- and 60-ft bridge, ty cl 60	0	0	0	0	0	4	0	0	0	0	0	0	2	0	6
L64131	Lt set, marker, emerg, afld runway, ptbl battery op	0	0	0	5	0	4	1	11	1	0	0	0	0	0	24
L85420	Lubrication svc unit, power op, tlr mtd, 15 cf air compressor, gas drvn wzd	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
P11866	Pneu tool and compressor outfit, 250 cfm tlr mtd	0	0	0	0	0	4	0	0	0	0	0	0	0	0	4
P91756	Pump cntrf, gas drvn, frame mtd, 1½-in 65 gpm, 50-ft HD	0	0	0	0	0	4	0	0	0	0	0	0	0	0	4
P96640	Pumping assembly, flammable liq, bulk trans	0	0	0	0	0	3	0	0	1	0	0	0	0	0	4
T10138	Shop equip, contact maint, trk mtd	0	0	0	0	0	2	0	0	0	11	0	0	0	0	13
T10275	Shop equip, electronic rep, stlr mtd, Army	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
T10412	Shop equip, electronic rep, stlr mtd, Army	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
T13152	Shop equip, org rep, lt trk mtd	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
U69083	Surveying instrument azimuth, gyro, lightweight (SIAGL)	0	0	0	0	0	0	0	0	11	0	0	0	0	0	11
U69357	Surveying instrument, dis measuring electronic mwave, minatzd purp	0	0	0	0	0	0	0	0	12	0	0	0	0	0	12
V12141	Tank and pump unit, liq dispensing trk mounting	0	0	0	5	1	4	0	4	6	6	9	1	4	1	48
V19950	Tank unit, liq dispensing tlr mounting	0	0	0	5	1	4	0	4	1	8	8	1	4	1	44
V71313	Test set, computer, TS-909/PPM	0	0	0	0	0	0	0	0	5	0	0	0	0	0	5
V71450	Test set, computer logic unit	0	0	0	0	0	0	0	0	7	1	0	0	0	0	8
W07701	Theodolite, survey and dir 0.002 mil, 20 porm, 5 power detachments tribrch	0	0	0	0	0	0	0	0	12	1	0	0	0	0	13
W07838	Theodolite survey and dir 0.2 mil, w/tripod and carrying case	0	0	0	0	0	0	0	0	11	0	0	0	0	0	11
W32593	Shop equip, auto maint and rep, om common no 1 less power	1	1	.1	3	3	4	1	5	25	12	5	4	5	1	80
W32730	Shop equip, auto maint and rep, om common no 2, less power	0	0	0	0	1	1	0	0	5	2	0	1	1	1	19
W32867	Shop equip, auto maint and rep, org suppl no 1, less power	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
W65747	Tool set, veh, full tracked, org maint sup no 2, less power	0	0	0	0	0	1	0	1	1	0	4	5	1	0	13
Y35486	Water purif equip set, trk mtd, diatomite filter, 1,500 GPH (Army)	0	0	0	0	0	5	0	0	0	0	0	0	0	0	5

Table 2–2. Summary of Equipment—Type of Infantry Division (with Mobile Assault Bridge)—Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	*LIN*	*Nomenclature*	*HHC (7-4H)*	*CBT/ Co (30-19H)*	*MP co (19-27H)*	*Cbt avn bn (57-55H)*	*Sig bn (11-35H)*	*Engr bn (5-155H)*	*Three bde HHC (7-42H) (ea)*	*Air cav sqdn (17-205H)*	*Div arty (6-100H)*	*DISCOM (29-1H)*	*ADA bn (44-325H)*	*Inf bn (mech) (7-45H)*	*Tank bn (17-35H)*	*Eight inf bn (7-15H) (ea)*	*Div total (7H)*
103	A27159	Air traffic control facility, AN/TSQ-97	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
104	A28833	Acft con central, AN/TSQ-70, less power	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
105	850869	Beacon set, radio, AN/GRN-6 less power	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
106	C69541	Cable telephone, WF-16/U	0	0	2	0	0	0	2	0	10	0	16	0	0	0	34
107	E58601	Command console, electronic, AN/ASC-15	0	0	0	0	0	0	2	2	0	0	0	0	0	0	8
108	H76352	Flight coord central, AN/TSC-61, less power	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
109	L36402	Landing con central, AN/TSQ-71, less power	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
110	L60318	Light beacon, MX-7301/TVN	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5
111	M36739	Meterorological sta, manual, AN/TMQ-4	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
112	N04456	Night vision goggles, AN/PVS-5	0	2	0	125	0	0	0	0	0	0	0	0	0	0	127
113	N04730	Night vision sight, indiv served weapon, AN/PVS-2	0	0	0	0	0	30	0	53	0	0	0	62	11	80	796
114	N15518	Night vision sight, tripod mtd, AN/TVS-4	0	0	0	0	0	0	0	1	4	0	0	9	6	9	92
115	Q15414	Radar set, AN/MPQ-4 less power	0	0	0	0	0	0	0	0	8	0	0	0	0	0	8
116	Q16110	Radar set, AN/PPS-5 less power	0	26	0	0	0	0	0	0	0	0	0	0	0	0	26
117	Q17332	Radar set, AN/TPS-25 less power	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
118	Q22382	Radio frequency monitor set, AN/USQ-46A	0	28	0	0	0	0	0	0	0	0	0	0	0	0	28
119	Q32756	Radio set, AN/GRC-106	1	2	0	0	2	0	0	6	1	0	5	0	0	0	17
120	Q34308	Radio set, AN/GRC-160	1	40	1	1	0	46	1	13	66	1	0	114	20	43	650
121	Q37982	Radio set, AN/PRC-41	0	0	0	0	0	0	1	0	0	0	0	0	0	0	3
122	Q38299	Radio set, AN/PRC-77	3	0	0	18	0	17	11	36	23	0	6	14	0	46	518
123	Q38335	Radio set, AN/PRC-90	0	0	0	84	0	0	12	170	28	2	0	0	0	0	320
124	Q45779	Radio set, AN/VRC-12	0	0	0	0	0	0	0	7	0	0	0	3	28	0	38
125	Q50421	Radio set, AN/VRC-24	0	0	0	2	0	0	0	1	0	0	0	0	0	0	3
126	Q52394	Radio set, AN/VRC-44	0	0	0	0	0	0	0	0	0	0	16	0	0	0	16
127	Q53001	Radio set, AN/VRC-46	7	15	50	1	20	10	2	14	109	23	32	9	20	6	364
128	Q54174	Radio set, AN/VRC-47	4	2	0	7	7	10	4	22	35	19	57	18	17	18	354
129	Q55114	Radio set, AN/VRC-49	0	0	0	0	6	1	1	1	18	0	0	1	1	1	39
130	Q56783	Radio set, AN/VRC-64	0	0	0	0	0	23	0	15	9	5	0	14	41	4	139
131	Q78282	Radio set, con gp, AN/GRA-39	3	10	5	8	12	10	12	10	161	13	67	12	24	13	475
132	Q90120	Radio teletypewriter set, AN/GRC-142	0	0	0	0	12	2	1	2	15	0	2	0	0	1	44
133	Q95810	Radiosonde baseline check set, AN/GMM-1A	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
134	R16476	Rawin set, AN/GMD-1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
135	R29799	Receiver set, radio, AN/PRR-9	0	0	8	0	0	0	0	0	0	0	0	45	0	54	485
136	R50043	Recording set, weather data, AN/TMQ-5	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
137	U81707	Switchboard, telephone, manual, SB-22/PT	0	3	1	4	7	6	2	6	40	17	4	7	3	7	160
138	U82255	Switchboard, telephone, manual, SB-86/P	0	0	0	0	0	0	0	0	2	0	1	0	0	1	11
139	V30252	Telephone set, TA-1/PT	0	0	0	0	0	40	0	31	28	10	40	77	22	71	816
140	V31211	Telephone set, TA-312/PT	0	75	11	43	285	45	25	46	610	178	229	63	38	67	2,234
141	V38758	Teletypewriter, TT-537/G	0	0	0	0	0	0	0	0	6	0	0	0	0	0	6
142	V36146	Teletypewriter set, AN/UGC-74(V)3	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
143	V57914	Terminal telegraph-telephone, AN/TCC-29	0	2	0	1	6	0	2	0	2	0	0	0	0	0	17
144	X17820	Transmitter set, radio, AN/PRT-4	0	0	8	0	0	0	0	0	0	0	0	45	0	54	485
145	Y54817	Wind measuring set, AN/PMQ-6	0	0	0	0	0	0	0	0	4	0	0	0	0	0	4
		Class VIIG—Electronics															
146	A93125	Amored reconnaissance airborne assault vehicle, full tracked, 152-mm	0	0	0	0	0	0	0	9	0	0	0	0	0	0	9
147	D10726	Carrier, 81-mm mort, full tracked (less mort)	0	0	0	0	0	0	0	0	0	0	0	9	0	0	9
148	E02670	Chassis tlr, GP, 3½-ton, 2-whl, WE	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
149	E02807	Chassis tlr, generator, 2½-ton, 2-whl, WE	0	0	0	0	0	0	0	0	0	5	2	0	0	0	7
150	E56578	Cbt eng veh, full tracked	0	0	0	0	0	3	0	0	0	0	0	0	0	0	3
151	K90188	Instrument rep shop trk mtd, 2½-ton, 6x6, WE	0	0	0	0	0	0	0	0	0	6	0	0	0	0	6
152	S70243	Semitrailer, low bed, wrecker, 12-ton, 4-whl, 40-ft, WE	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
153	S70517	Semitrailer, low bed, 25-ton, 4-whl, WE	0	0	0	0	0	12	0	0	0	0	0	0	0	0	12
154	S72024	Semitrailer, stake, 12-ton, 4-whl, WE	0	0	0	0	0	0	0	0	0	38	0	0	0	0	38

Table 2–2. Summary of Equipment–Type of Infantry Division (with Mobile Assault Bridge)–Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	*LIN*	*Nomenclature*	*HHC (7-4H)*	*CBTI Co (30-19H)*	*MP co (19-27H)*	*Cbt avn bn (57-55H)*	*Sig bn (11-35H)*	*Engr bn (5-155H)*	*Three bde HHC (7-42H) (ea)*	*Air cav sqdn (17-205H)*	*Div arty (6-100H)*	*DISCOM (29-1H)*	*ADA bn (44-325H)*	*Inf bn (mech) (7-45H)*	*Tank bn (17-35H)*	*Eight inf bn (7-15H) (ea)*	*Div total (7H)*
155	S72983	Semitrailer, tank, fuel servicing 5,000-gal, 12-ton, 4-wheel, WE	0	0	0	0	0	0	0	0	0	12	0	0	0	0	12
156	S74079	Semitrailer, van, cargo, 12-ton, 4-whl, WE	0	0	0	0	0	0	0	0	0	9	0	0	0	0	9
157	S74490	Semitrailer, van, expansible, 6-ton, 4-whl (Army)	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3
158	S74832	Semitrailer, van, rep parts storage, 6-ton, 4-whl, WE	0	0	0	0	0	1	0	0	0	14	0	0	0	0	15
159	W94030	Trailer, ammunition, 1½-ton, 2 whl, WE	0	0	0	0	0	0	0	6	48	0	0	0	0	0	54
160	W95263	Trailer, cable reel, 3½-ton, 2-whl, WE	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2
161	W95400	Trailer, cargo, ¼-ton, 2-whl, WE	15	37	45	10	18	16	13	24	104	65	31	34	20	47	834
162	W95537	Trailer, cargo, ¾-ton, 2-whl, WE	5	19	6	19	16	3	0	3	36	22	18	0	0	0	147
163	W95811	Trailer, cargo, 1½-ton, 2-whl, WE	8	3	2	8	18	27	4	34	59	168	31	16	19	11	493
164	W98825	Trailer, tank, water, 400-gal, 1½-ton, 2-whl, WE	1	0	0	2	4	5	1	5	25	19	5	5	5	4	111
165	X38639	Truck, ambulance, ¼-ton, 4x4, WE	2	0	0	1	0	1	0	0	1	0	0	0	0	0	5
166	X38776	Truck, ambulance, ¾-ton, 4x4, WE	0	0	0	0	0	0	0	0	0	32	0	0	0	0	32
167	X38961	Truck, ambulance, 1¼-ton, 6x6, WE	0	0	0	0	0	0	0	2	5	0	1	1	1	3	34
168	X39432	Truck, cargo, 1¼-ton, 4x4, WE	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
169	X39735	Truck, cargo, ¾-ton, 4x4, WE	5	6	6	20	27	6	0	5	47	29	10	0	0	0	161
170	X39872	Truck, cargo, ¾-ton, 4x4, w/winch, WE	0	0	0	1	0	0	0	0	0	2	0	0	0	0	3
171	X39883	Truck, cargo, 1¼-ton, 4x4, WE	0	0	0	0	36	0	0	0	0	0	0	0	0	0	36
172	X39940	Truck, cargo, 1¼-ton, 6x6, WE	0	13	0	0	40	19	5	12	65	0	22	7	7	21	368
173	X40009	Truck, cargo, 2½-ton, 6x6, WE	1	3	1	5	29	23	2	24	178	142	26	14	14	9	538
174	X40146	Truck, cargo, 2½-ton, 6x6, w/winch, WE	1	0	2	2	16	6	1	7	53	19	0	2	6	6	165
175	X40283	Truck, cargo, 2½-ton, 6x6, XLW8, WE	0	1	0	0	0	0	0	0	2	0	2	0	0	0	5
176	X40794	Truck, cargo, drop side, 5-ton, 6x6, WE	0	0	0	0	0	0	0	0	0	5	0	0	0	0	5
177	X40831	Truck, cargo, 5-ton, 6x6, LW8, WE	0	0	0	5	0	0	0	3	5	1	5	0	0	0	19
178	X40931	Truck, cargo, drop side, 5-ton, 6x6, w/winch, WE	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
179	X40968	Truck, cargo, 5-ton, 6x6, LW8 w/winch, WE	0	0	0	0	0	0	0	3	0	0	4	0	0	0	7
180	X41310	Truck, cargo, 5-ton, 8x8, WE	0	0	0	0	0	4	0	5	18	0	6	6	6	1	53
181	X41327	Truck, cargo, 5-ton, 8x8, w/winch, WE	0	0	0	0	0	0	0	0	10	0	0	0	0	0	10
182	X41615	Truck, cargo, 8-ton, 4x4, WE	0	0	0	0	0	0	0	4	16	0	0	5	5	0	30
183	X43708	Truck, dump, 5-ton, 6x6, WE	0	0	0	0	0	34	0	0	0	0	0	0	0	0	34
184	X43845	Truck, dump, 5-ton, 6x6, w/winch, WE	0	0	0	0	0	11	0	0	0	0	0	0	0	0	11
185	X55627	Truck, platform, util, ½-ton, 4x4, WE	0	0	0	0	0	0	0	0	0	6	0	0	0	0	6
186	X57271	Truck, tank, fuel servicing, 2½-ton, 6x6, WE	0	0	0	0	0	0	0	6	1	0	0	0	0	0	7
187	X57408	Truck, tank, fuel servicing, 2½-ton, 6x6, w/winch, WE	0	0	0	0	0	0	0	6	0	0	0	0	0	0	6
188	X58078	Truck, tank, fuel servicing, 2,500-gal, 4x4, WE	0	0	0	0	0	1	0	0	0	0	0	2	0	0	3
189	X58093	Truck, tank, fuel servicing, 2,500-gal, 4x4, w/winch, WE	0	0	0	0	0	0	0	0	0	0	0	0	4	0	4
190	X58367	Truck, tank, water, 1,000-gal, 2½-ton, 6x6, WE	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
191	X59052	Truck, tractor, 2½-ton, 6x6, WE	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
192	X59326	Truck, tractor, 5-ton, 6x6, WE	0	0	0	0	0	1	0	0	0	60	0	0	0	0	61
193	X59463	Truck, tractor, 5-ton, 6x6, w/winch, WE	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
194	X59874	Truck, tractor, 10-ton, 6x6, w/midship winch, w/low mtd 5th whl, WE	0	0	0	0	0	12	0	0	0	0	0	0	0	0	12
			0	0	0	1	0	0	0	1	0	1	0	0	0	0	3
195	X60696	Truck, tractor, wrecker, 5-ton, 6x6, w/winch, WE	19	37	45	10	25	18	13	29	145	72	31	34	34	39	850
196	X60833	Truck, util, ¼-ton, 4x4, WE	4	2	0	0	1	0	0	0	0	1	0	0	0	0	8
197	X62237	Truck, van, expansible, 5-ton, 6x6, WE	0	0	0	0	0	1	0	3	1	39	4	0	0	0	48
198	X62340	Truck, van, shop, 2½-ton, 6x6, WE	0	1	0	0	1	0	1	0	8	5	1	0	0	1	27
199	X63299	Truck, wrecker, 5-ton, 6x6, w/winch, WE	0	0	0	0	0	1	0	1	1	3	0	1	1	0	8
200	X63436	Truck, wrecker, 10-ton, 4x4, WE															
		Class VIIL—Missiles	0	0	0	0	0	0	0	0	0	0	0	18	0	0	18
201	D11681	Carrier-guided missile equipment (TDW)	0	0	0	0	0	0	0	6	17	0	60	6	6	6	143
202	G22933	Display set, target alert data (FAAR)	0	0	0	0	0	0	0	0	0	0	24	0	0	0	24
203	J95533	Guided missile system intercept-carrier, mtd (Chaparral)															

Table 2–2. Summary of Equipment–Type of Infantry Division (with Mobile Assault Bridge)–Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	*LIN*	*Nomenclature*	*HHC (7-4H)*	*CBTI Co (30-19H)*	*MP co (19-27H)*	*Cbt avn bn (57-55H)*	*Sig bn (11-35H)*	*Engr bn (5-155H)*	*Three bda HHC (7-42H) (ea)*	*Air cav sqdn (17-205H)*	*Div arty (6-100H)*	*DISCOM (29-1H)*	*ADA bn (44-325H)*	*Inf bn (mech) (7-45H)*	*Tank bn (17-35H)*	*Eight inf bn (7-15H) (ea)*	*Div total (7H)*
204	L13998	Jack set, leveling, spt launching sta, copter mode (Chaparral)	0	0	0	0	0	0	0	0	0	0	7	0	0	0	7
205	L45740	Launcher, tubular, guided missile (TOW)	0	0	0	0	0	0	0	0	0	0	0	18	0	18	162
206	Q16046	Radar set, AN/MPQ-49 (FAAR)	0	0	0	0	0	0	0	0	0	0	8	0	0	0	8
207	T14440	Shop equipment, guided missile system AN/TSM-95 (Chaparral)	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
208	V79469	Test set, guided missile system (Chaparral)	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
209	V84002	Test set, radar, AN/MPM-59 OMTS (FAAR)	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
210	X45317	Truck, guided missile (TOW)	0	0	0	0	0	0	0	0	0	0	0	0	0	18	144
211	X45549	Truck, guided missile equip, jeep (TOW)	0	0	0	0	0	0	0	0	0	0	0	0	0	18	144
		Class VIIM–Weapons															
212	A22496	Aiming circle	0	0	0	0	0	0	0	1	53	0	0	5	2	8	125
213	A89992	Armament subsystem, helicopter, 20-mm automatic gun	0	0	0	0	0	0	0	12	0	0	0	0	0	0	12
214	A90118	Armament subsystem, helicopter, 7.62-mm mg, light, WO wpns, WE	0	0	0	30	0	0	2	28	0	1	0	0	0	0	65
215	A90437	Armament subsystem, helicopter, 7.62-mm mg, 40-mm launcher, high rate WO wpns	0	0	0	0	0	0	0	27	0	0	0	0	0	0	27
216	E76866	Computer gun direction	0	0	0	0	0	0	0	0	14	0	0	0	0	0	14
217	J96694	Gun, ADA, SP, 20-mm	0	0	0	0	0	0	0	0	0	0	24	0	0	0	24
218	K57392	Howitzer, light, towed, 105-mm	0	0	0	0	0	0	0	0	54	0	0	0	0	0	54
219	K57803	Howitzer, medium, towed, 155-mm	0	0	0	0	0	0	0	0	18	0	0	0	0	0	18
220	L44174	Launcher, grenade, acft, 40-mm, left or right hand feed	0	0	0	6	0	0	0	27	0	0	0	0	0	0	33
221	L44595	Launcher, grenade, 40-mm single shot, rifle mtd, detachable WE	0	4	16	18	8	72	4	81	154	60	68	82	18	79	1,225
222	L45016	Launcher, rocket, acft, 2.75-in	0	0	0	12	0	0	0	36	0	0	0	0	0	0	48
223	L45063	Launcher, rocket, acft, 2.75-in, 19 tube (repairable)	0	0	0	12	0	0	0	60	0	0	0	0	0	0	72
224	L45123	Launcher, rocket, multiple, 115-mm	0	0	0	0	0	0	0	0	9	0	0	0	0	0	9
225	L45250	Launcher, rocket, 66-mm, 4-tube	0	0	0	0	0	0	0	6	0	0	0	9	5	9	92
226	L91838	Machinegun, caliber .50, H8 flexible, vehicle, mtd	0	0	0	0	0	1	0	20	5	4	20	86	17	0	153
227	L91975	Machinegun, caliber .50, H8 flexible for ground use	2	0	0	0	0	3	3	30	0	0	0	26	14	14	196
228	L92260	Machinegun, 7.62-mm, acft, light, door mtd	0	0	0	60	0	0	4	56	0	2	0	0	0	0	130
229	L92323	Machinegun, 7.62-mm, six barrels	0	0	0	6	0	0	0	27	0	0	0	0	0	0	33
230	L92386	Machinegun, 7.62-mm, lt, flexible	0	0	10	12	10	21	0	47	174	64	20	49	0	28	631
231	M68008	Mortar, 81-mm, on mount	0	0	0	0	0	0	0	0	0	0	0	9	0	9	81
232	M68282	Mortar, 4.2-in, on mount	0	0	0	0	0	0	0	3	0	0	0	4	4	4	43
233	M75577	Mount, tripod, machinegun, heavy, caliber .50	2	0	0	0	0	3	3	25	4	0	16	106	14	14	291
234	M75714	Mount, tripod, machinegun, 7.62-mm	0	0	5	12	10	21	0	17	174	60	20	49	0	28	592
235	N82364	Periscope, battery, command	0	0	0	0	0	0	0	0	22	0	0	1	1	1	32
236	N96741	Pistol, caliber .45, automatic	37	18	151	0	12	46	10	89	114	98	22	116	279	128	2,036
237	Q13770	Radar chronograph set	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
238	R12989	Range finder, fire control, WE (laser)	0	0	0	0	0	0	0	3	32	0	0	0	3	0	38
239	R91107	Revolver, caliber .38, 2-in barrel	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
240	R91244	Revolver, caliber .38, special, 4-in barrel	0	0	0	140	0	0	11	233	17	13	0	0	0	0	436
241	R94977	Rifle, 5.56-mm, WE	145	207	186	244	598	710	90	662	2,584	2,047	560	735	273	695	14,781
242	R96484	Rifle, recoilless, 90-mm	0	0	8	0	0	0	0	0	0	0	0	0	0	0	8
243	U56346	Submachinegun, caliber .45	0	0	0	0	0	2	0	20	2	0	0	13	122	0	159
		Class VIIO–Combat Vehicles															
244	D10741	Carrier, 107-mm, mortar, SP (less mortar)	0	0	0	0	0	0	0	3	0	0	0	4	4	0	11
245	D11049	Carrier, cargo, tracked 6-ton	0	0	0	0	0	0	0	0	4	0	0	0	0	0	4
246	D11401	Carrier, command and recon, armored	0	0	0	0	0	0	0	16	0	0	0	11	9	0	36
247	D11538	Carrier, command post, light tracked	0	0	0	0	0	0	0	0	1	0	0	6	6	0	13
248	D12087	Carrier, personnel, full tracked, armored	0	0	0	0	0	0	0	7	0	0	16	52	9	0	84

Table 2–2. Summary of Equipment—Type of Infantry Division (with Mobile Assault Bridge)—Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	*LIN*	*Nomenclature*	*HHC (7-4H)*	*CBTI Co (30-19H)*	*MP co (19-27H)*	*Cbt avn bn (57-55H)*	*Sig bn (11-35H)*	*Engr bn (5-155H)*	*Three bde HHC (7-42H) (ea)*	*Air cav sqdn (17-205H)*	*Div arty (6-100H)*	*DISCOM (29-1H)*	*ADA bn (44-325H)*	*Inf bn (mech) (7-45H)*	*Tank bn (17-35H)*	*Eight inf bn (7-15H) (ea)*	*Div total (7H)*
249	K56981	Howitzer, heavy, SP, 8-in	0	0	0	0	0	0	0	0	4	0	0	0	0	0	4
250	R50544	Recovery vehicle, full tracked, light, armored	0	0	0	0	0	0	0	1	0	0	4	6	2	0	13
251	R50681	Recovery vehicle, full tracked, medium	0	0	0	0	0	1	0	0	1	4	0	0	5	0	11
252	V13101	Tank, combat, full tracked, 105-mm, gun	0	0	0	0	0	0	0	0	0	0	0	0	54	0	54
		Class VIIQ—Marine Equipment															
253	883856	Boat, landing, inflatable, assault craft, nylon cloth, 15-man	0	0	0	0	0	18	0	0	0	0	0	0	0	0	18
254	884404	Boat, reconnaissance, pneumatic, 3-man	0	0	0	0	0	27	0	0	0	0	0	0	0	0	27
		Class VIIU—COMSEC Materiel															
255	E45766	Code changer key, KIK-18/TSEC	0	0	0	12	0	0	2	34	3	1	9	0	0	0	65
256	E45820	Code changer key, KYK-28/TSEC	3	55	6	17	9	7	3	41	45	11	17	4	6	8	294
257	H02300	Electronic teletypewriter security equip, TSEC/KW-7	0	3	0	1	50	2	3	2	16	0	2	1	1	1	95
258	P38588	Power supply, PP-2953/U	0	0	0	10	0	0	0	0	0	0	0	0	0	0	10
259	P43177	Power supply assembly, vehicular, Z-ACD	9	56	9	7	19	17	4	13	81	12	18	8	15	15	396
260	U01295	Speech security equip, abn, TSEC/KY-28	0	0	0	54	0	0	6	91	0	1	0	0	0	0	164
261	U01305	Speech security equip, TSEC/KY-38	9	57	9	8	19	17	4	13	81	16	18	8	15	15	402
262	V08721	Tactical digital regenerative repeater, portable, HYL-3/TSEC	0	0	0	0	6	1	1	1	18	0	0	0	1	1	38
		Class VIIW—Ground: Construction and MHE															
263	C20414	Bridge, armor veh launch, scissortype, cl-60 alum, 60-ft lgth of span	0	0	0	0	0	6	0	0	0	0	0	0	2	0	8
264	F39172	Crane, whl mtd, 3-ton	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
265	F39241	Crane, whl mtd, 5-ton, dsl, 4x4, rough terrain, air trans	0	0	0	0	0	0	0	0	0	4	0	0	0	0	4
266	F39378	Crane, whl mtd, 20-ton, w/boom crane 30-ft, w/block tackle, 20-ton	0	0	0	0	0	3	0	0	0	0	0	0	0	0	3
267	H32869	Fairlead roller and sheave, 12½-ton crane-shovel crlr 20-ton crane-shovel trk	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
268	J74852	Grader, road, motorized, dsl drvn, hy, 6x4 front-wheel steer	0	0	0	0	0	4	0	0	0	0	0	0	0	0	4
269	V09730	Tagline crane, end crane-shovel, ¾- to 1-cu yd bucket	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2
270	W76816	Tractor, full tracked, low speed, dsl mdm dbp w/bulldozer, w/scarif winch	0	0	0	0	0	10	0	0	0	0	0	0	0	0	10
271	X48914	Truck lift fork, dsl drvn, 6,000-lb cap rough terrain	0	0	0	0	0	1	0	8	0	5	0	0	0	0	14

Table 2—3. Summary of Equipment—Type of Mechanized Division (With Mobile Assault Bridge)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	*LIN*	*Nomenclature*	*HHC (37-4H)*	*MP co (19-27H)*	*CBTI co (30-19H)*	*Div avn co (37-87H)*	*Sig bn (11-35H)*	*Engr bn (5-145H)*	*Three bde HHC (37-42H) (ea)*	*Armd cav sqdn (17-105H)*	*Div arty (6-300H)*	*DISCOM (29-11H)*	*ADA bn (44-325H)*	*Six inf bn (mech) (7-45H) (ea)*	*Four tank bn (17-35H) (ea)*	*Div total (37H)*
		Class IIA—Air														
2	A21383	Aerial recovery kit for Army acft	0	0	0	0	0	0	0	0	0	2	0	0	0	2
3	M02470	Maint platform, hydraulic adjustable to 10-ft high, 44½-in wide	0	0	0	1	0	0	0	3	0	0	0	0	0	4
4	M02504	Maint platform, hydraulic adjustable type, 3 to 7 ft high	0	0	0	1	0	0	1	3	2	0	0	0	0	9
		Class IIB—Troop Support														
5	K39774	Hoisting unit truck mounting, organizational maint set no 7	0	1	0	0	0	0	0	0	1	1	0	0	0	3
6	L64542	Light set, operational, area, acft, ½ KW, heliport (Army)	0	0	0	1	0	0	0	1	1	1	0	0	0	4
7	P92030	Pump cntrf, gas drvn, frame mtd, 2-in, 125 gpm 50-ft hd	0	0	0	0	0	5	0	0	0	0	0	0	0	5
8	T10600	Shop equipment, guided missile, aux equip maint (Chaparral)	0	0	0	0	0	0	0	0	0	0	2	0	0	2
9	V84014	Test set, radar, AN/TPM-23 (vads)	0	0	0	0	0	0	0	0	0	0	2	0	0	2
10	W32867	Shop equip, auto maint and rep, org sup no 1, less power	1	1	1	1	0	1	1	1	1	8	5	4	3	59
11	W67843	Torch outfit, cutting and welding-set 2	0	0	0	0	0	4	0	0	0	0	0	0	0	4
12	Z13157	Card punch machine, ADPE	0	0	0	0	0	0	0	0	0	7	0	0	0	7
13	Z74660	Sorter, ADPE	0	0	0	0	0	0	0	0	0	2	0	0	0	2
14	F77651	CS3, Data analysis central, OL-88(V) 1/MYK-8(V)	0	0	0	0	0	0	0	0	0	1	0	0	0	1
15	F77918	CS3, Data storage group, OL-89(V) 1/MYK-8(V)	0	0	0	0	0	0	0	0	0	1	0	0	0	1
16	F77964	CS3, Data support facility, mobile, V-460/MYK-8(V)	0	0	0	0	0	0	0	0	0	1	0	0	0	1
17	M57481	CS3, Maintenance shop facility, mobile V-452/MYK-8(V)	0	0	0	0	0	0	0	0	0	1	0	0	0	1
18	U43735	CS3, Storage facility, mobile, V-483/MYK-8(V)	0	0	0	0	0	0	0	0	0	1	0	0	0	1
19	J35801	CS3, Generator, diesel engine, 100 KW, 60 hz, mounted on M353, PU-495	0	0	0	0	0	0	0	0	0	2	0	0	0	2
20	X59326	CS3, Truck tractor, 5 ton, 6x6 W/E, M818	0	0	0	0	0	0	0	0	0	2	0	0	0	2
		Class IIE—Ganaral Supply														
21	G68966	Drum, fabric, collapsible, liquid-fuel, 500-gal capacity	0	0	0	6	0	0	0	6	0	27	0	0	0	39
		Class IIG—Electronics														
22	C68719	Cable, telephone, WO-1/TT, OR-8 1,320 ft	0	3	64	12	61	32	10	139	449	28	320	114	118	2,294
23	C68856	Cable, telephone, WD-1/TT, RL-159/U 5,280 ft	0	3	0	4	109	23	36	0	415	31	24	6	2	761
24	C68993	Cable, telephone, WD-1/TT, 2 cond, field wire	0	0	0	0	0	23	20	20	158	0	0	42	0	513
25	R30662	Receiver-transmitter, control gp, AN/GRA-6	0	0	1	0	2	0	1	1	0	0	5	0	0	12
26	U82529	Switchboard, telephone, manual, SB-993/GT	0	0	0	0	0	12	0	0	2	5	12	6	4	83
27	V30937	Telephone set, TA-264/PT	0	0	0	0	0	0	0	2	7	5	0	0	0	14
		Class IIW—Ground														
28	C29490	Bucket clamshell, ¾ cu yd	0	0	0	0	0	2	0	0	0	0	0	0	0	2
29	C30997	Bucket dragline, ¾ cu yd	0	0	0	0	0	1	0	0	0	0	0	0	0	1
		Class VIIA—Air														
30	K29660	Helicopter, attack, AH-1G	0	0	0	0	0	0	0	9	0	0	0	0	0	9
31	K31042	Helicopter, observation, OH-58A	0	0	0	6	0	0	4	10	14	0	0	0	0	42
32	K31795	Helicopter, utility, UH-1H	0	0	0	4	0	0	0	8	0	1	0	0	0	13
33	T17093	Shop set, acft maint, ambl, UH-1/OH-6, co-sized, ds	0	0	0	0	0	0	0	1	0	0	0	0	0	1
34	W62611	Tool set, avn unit maint, set no 1, ambl	0	0	0	1	0	0	1	3	2	0	0	0	0	9
35	W93995	Trailer, acft maint, ambl, 4-wheeled, 30/48-in trf rail system	0	0	0	0	0	0	0	0	0	6	0	0	0	6

Table 2–3. Summary of Equipment–Type of Mechanized Division (With Mobile Assault Bridge)–Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	*LIN* *Nomenclature*	*HHC (37-4H)*	*MP co (19-27H)*	*CBTI co (30-19H)*	*Div avn co (37-87H)*	*Sig bn (11-35H)*	*Engr bn (5-145H)*	*Three bde HHC (37-42H) (ea)*	*Armd cav sqdn (17-105H)*	*Div arty (6-300H)*	*DISCOM (29-11H)*	*ADA bn (44-325H)*	*Six inf bn (mech) (7-45H) (ea)*	*Four tank bn (17-35H) (ea)*	*Div total (37H)*
36	X23227 Transporter, ambl, hydraulic lift, for shelter and X-4 container	0	0	0	0	0	0	1	3	1	0	0	0	0	7
	Class VIIB–Troop Support														
37	C25757 Bridge, floating, raft sec, light, tactical	0	0	0	0	0	2	0	0	0	0	0	0	0	2
38	E67735 Compressor, RCP, power drvn base, AC 115V, 60 cy, 1 ph, 1.5 CFM, 50 PSI	0	0	0	0	0	0	0	0	0	4	0	0	0	4
39	E69242 Compressor, RCP, power drvn, air rec, gas drvn, 15 CFM, 175 PSI	0	0	0	0	1	1	0	1	5	5	0	1	1	23
40	E70064 Compressor, RCP, power drvn, trk, 2-whl pneu tires, gas drvn, 5 CFM, 175 PSI	1	1	1	1	3	5	1	5	24	12	5	4	5	105
41	E70201 Compressor, RCP, power drvn, trk, 2-whl pneu tires, gas drvn, 8 CFM, 175 PSI	0	0	0	1	0	0	1	1	1	0	0	0	0	6
42	E70817 Compressor, RCP, power drvn, air whl, gas drvn, 4 CFM, 3,000 PSI	0	0	0	0	0	0	0	0	0	1	0	0	0	1
43	E73626 Compressor, rotary power drvn, air whbrw frame, 2 pneu tires, gas drvn, 60 CFM, 6.5 PSI	0	0	0	0	0	2	0	0	0	3	0	0	0	5
44	G02204 Detecting set, mine, ptbl metallic and non-metallic	0	4	1	0	7	59	0	10	25	6	5	1	5	143
45	G02341 Detecting set, mine, ptbl metallic (AN/PSS-11)	0	4	1	0	13	49	0	10	25	6	5	3	5	151
46	G32473 Diving equip set, 1 person scuba, open circuit	0	0	0	0	0	3	0	0	0	0	0	0	0	3
47	H38787 Ferry, conversion set, raft, inf spt	0	0	0	0	0	2	0	0	0	0	0	0	0	2
48	H94824 Forward area refueling equipment (fare)	0	0	0	2	0	0	0	2	0	4	0	0	0	8
49	J04716 Fuel system supply point, ptbl, 60,000-gal cap	0	0	0	0	0	0	0	0	0	1	0	0	0	1
50	J35492 Generator set, dsl eng, tlr mtd, 15 kw, 60 hz, mtd on M200 PU-405	0	0	2	0	1	0	0	0	0	1	0	0	0	4
51	J35835 Generator set, dsl eng, 15 kw, 60 hz, 3 ph, AC 120/208, 240/416V, skid, tac util	2	0	0	0	0	0	0	0	0	2	0	0	0	4
52	J36109 Generator set, dsl eng, 30 kw, 60 hz, 3 ph, AC 120/208, 240/416V, 50 hz, tac util	0	0	0	0	0	0	0	0	0	1	0	0	0	1
53	J36383 Generator set, dsl eng tlr mtd, 30 kw, 60 hz, mtd on M200 PU-406	0	0	0	2	0	0	0	0	0	2	0	0	0	4
54	J36725 Generator set, dsl eng, 30 kw, AC 120/208, 240/416V, 3 ph, 400 hz, tac precise	0	0	0	0	0	0	0	0	0	0	2	0	0	2
55	J38301 Generator set, dsl eng, 60 kw, 60 hz, 3 ph, AC 120/208, 240/416V, 50 hz, tac util	0	0	0	0	0	0	0	0	0	8	0	0	0	8
56	J41041 Generator set, gas eng, tlr mtd, PU-253/U	0	0	0	1	0	0	0	0	0	0	0	0	0	1
57	J41452 Generator set, gas eng, tlr mtd, 10 kw, 400 hz, mtd on M103, PU-304/MPQ-4	0	0	0	0	0	0	0	0	8	0	0	0	0	8
58	J42100 Generator set, gas eng, tlr mtd, 10 kw, 60 cy, 1 ph, AC 120/240V, PU-619/M	0	0	2	1	7	0	0	0	0	0	0	0	0	10
59	J42685 Generator set, gas eng, 0.3 kw, AC 115V, 1 ph, 400 hz, DC 24 to 35V	0	0	0	2	0	0	0	0	1	0	0	0	0	3
60	J42856 Generator set, gas eng, 0.5 kw, 28V skid-shock, tac util	0	0	0	0	0	0	0	0	0	0	0	0	1	4
61	J42976 Generator set, gas eng, 0.5 kw, 60 cy, 1 ph, AC 120/240V, shock mtd	0	0	0	1	0	0	0	1	1	1	0	0	0	4
62	J43027 Generator set, gas eng, 0.5 kw, 400 hz, 1 ph, AC 120/240V, skid shock, tac util	0	0	22	0	0	0	0	6	2	0	0	4	4	70
63	J43918 Generator set, gas eng, 1.5 kw, 60 hz, 1 ph, 2 wire, AC 120V, shock, tac util	1	2	2	6	7	6	6	10	35	46	14	13	8	257
64	J44055 Generator set, gas eng, 1.5 kw, DC 28V, shock, tac util	0	6	4	1	4	7	5	5	54	12	19	2	1	143

Table 2—3. Summary of Equipment—Type of Mechanized Division (With Mobile Assault Bridge)—Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	*LIN*	*Nomenclature*	*HHC (37-4H)*	*MP co (19-27H)*	*CBTI co (30-19H)*	*Div avn co (37-87H)*	*Sig bn (11-35H)*	*Engr bn (5-145H)*	*Three bde HHC (37-42H) (ea)*	*Armd cav sqdn (17-105H)*	*Div arty (6-300H)*	*DISCOM (29-11H)*	*ADA bn (44-325H)*	*Six inf bn (mech) (7-45H) (ea)*	*Four tank bn (17-35H) (ea)*	*Div total (37H)*
65	J45699	Generator set, gas eng, 3 kw, 60 hz, 1-3 ph, 120/240 120/208V skid, tac util	0	0	0	1	0	16	3	1	0	3	0	0	0	30
66	J45836	Generator set, gas eng, 3 kw, 400 hz, 1-3 ph, AC 120/240 120/208/204V, tac util	0	0	1	0	0	0	0	0	48	1	0	0	0	50
67	J46110	Generator set, gas eng, 3 kw, DC 28V skid shock tblr frame mtd, tac util	1	1	1	2	2	3	2	4	11	17	10	8	5	126
68	J46258	Generator set, gas eng, tlr mtd, 3 kw, 60 hz, 2 ea mtd on M101 PU-628	0	0	0	0	14	0	2	0	0	0	0	0	0	20
69	J46384	Generator set, gas eng, tlr mtd, 3 kw, 60 hz, 2 ea mtd on M101 PU-617	0	0	0	0	17	0	0	0	0	0	0	0	0	17
70	J47068	Generator set, gas eng, 5 kw, 60 hz, 1-3 ph, AC 120/240 120/208V, skid, tac util	0	0	0	0	0	0	0	0	0	10	0	1	0	16
71	J47617	Generator set, gas eng, tlr mtd, 5 kw, 60 hz, 2 ea, mtd on M116 PU-620	0	0	0	0	12	2	0	0	21	0	2	0	0	37
72	J48713	Generator set, gas eng, 5 kw, 400 hz, 1-3 ph, AC 120/240 120/208V, skid, tac util	0	0	0	0	0	0	0	0	0	0	10	0	0	10
73	J49055	Generator set, gas eng, 7.5 kw, DC 28.5V, whl mtd	0	0	0	1	0	0	1	3	2	3	0	0	0	12
74	J49398	Generator set, gas eng, 10 kw, 60 hz, 1-3 ph, AC 120/240 120/208V, tac util	0	0	0	0	0	5	0	0	0	21	0	0	0	26
75	J49809	Generator set, gas eng, tlr mtd, 10 kw, 60 hz, mtd on M101 PU-332	0	0	0	0	0	0	0	0	0	9	0	0	0	9
76	L27293	Kit, fire fighting, airmobile	0	0	0	0	0	0	1	0	0	0	0	0	0	3
77	L27327	Kit, fire suppression, airmobile	0	0	0	0	0	0	1	0	0	0	0	0	0	3
78	L43664	Launch, M60 series, tank chassis transporting 40- and 60-ft bridge, type cl 60	0	0	0	0	0	4	0	0	0	0	0	0	2	12
79	L64131	Light set marker, emergency, afld runway, ptbl, battery op	0	0	0	0	0	4	1	1	1	0	0	0	0	9
80	L85420	Lub svc unit, power op, tlr mtd, 15 cf air compressor, gas drvn wzd	0	0	0	0	0	1	0	0	0	0	0	0	0	1
81	P11866	Pneu tool and compressor outfit, 250 cu ft per min, trlr mtd	0	0	0	0	0	5	0	0	0	0	0	0	0	5
82	P91756	Pump, cntrf, gas drvn, frame mtd 1½ in, 65 gal per min, 50 ft hd	0	0	0	0	0	6	0	0	0	0	0	0	0	6
83	P96640	Pumping assembly, flammable liquid, bulk transfer	0	0	0	0	0	0	0	0	1	0	0	0	0	1
84	T10138	Shop equip, contact maint, trk mtd	0	0	0	0	0	2	0	0	0	11	0	0	0	13
85	T10275	Shop equip, electronic rep, stlr mtd (Army)	0	0	0	0	0	0	0	0	0	1	0	0	0	1
86	T10412	Shop equip, electronic rep, stlr mtd (Army)	0	0	0	0	0	0	0	0	0	4	0	0	0	4
87	T13152	Shop equip, organizational rep, light trk mtd	0	0	0	0	0	1	0	0	0	0	0	0	0	1
88	U69083	Surveying instrument, azimuth gyro, lightweight (SIAGL)	0	0	0	0	0	0	0	0	10	0	0	0	0	10
89	U69357	Surveying Instrument, Distance meas, electronic mwave, minatzd purpose	0	0	0	0	0	0	0	0	15	0	0	0	0	15
90	V12141	Tank and pump unit, liquid dispensing, truck mounting	0	0	0	2	1	1	0	3	7	8	9	1	4	53
91	V19950	Tank unit, liquid dispensing, tlr mounting	0	0	0	0	1	1	0	3	5	5	8	1	4	45
92	V71450	Test set, computer logic unit	0	0	0	0	0	0	0	0	7	1	0	0	0	8
93	W07701	Theodolite, survey, direct, 0.002-mil, 30 porm, 5 power detch tribrch	0	0	0	0	0	0	0	0	12	4	0	0	0	16
94	W07838	Theodolite, survey, direct, 0.2 mil w/tripod and carrying case	0	0	0	0	0	0	0	0	14	0	0	0	0	14
95	W32593	Shop equip, auto maint and rep, om common no 1, less power	1	1	1	1	3	5	1	5	24	12	5	4	5	105
96	W32730	Shop equip, auto maint, and rep, om common no 2, less power	0	0	0	0	1	1	0	1	5	2	0	1	1	20

Table 2–3. Summary of Equipment–Type of Mechanized Division (With Mobile Assault Bridge)–Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	*LIN*	*Nomenclature*	*HHC (37-4H)*	*MP co (19-27H)*	*CBTI co (30-19H)*	*Div avn co (37-87H)*	*Sig bn (11-35H)*	*Engr bn (5-145H)*	*Three bde HHC (37-42H) (ea)*	*Armd cav sqdn (17-105H)*	*Div arty (6-300H)*	*DISCOM (29-11H)*	*ADA bn (44-325H)*	*Six inf bn (mech) (7-45H) (ea)*	*Four tank bn (17-35H) (ea)*	*Div total (37H)*
97	W65747	Tool set, vehicle, full tracked, org maint sup no 2, less power	0	0	1	0	0	1	1	1	4	0	4	5	1	48
98	Y35486	Water purif equip set, trk mtd, diatomite filter, 1,500-gal per hr	0	0	0	0	0	5	0	0	0	0	0	0	0	5
		Class VIIG–Electronics														
99	A28833	Aircraft control central, AN/TSQ-70, less power	0	0	0	1	0	0	0	0	0	0	0	0	0	1
100	B67423	Binocular, electronic, AN/PAS-5	0	0	0	0	0	16	0	0	0	0	0	0	0	16
101	C69541	Cable telephone, WF-16/U	0	2	0	0	0	0	2	0	10	0	16	0	0	34
102	H76352	Flight coordination central, AN/TSC-61, less power	0	0	0	1	0	0	0	0	0	0	0	0	0	1
103	L36402	Landing control central, AN/TSQ-71, less power	0	0	0	1	0	0	0	0	0	0	0	0	0	1
104	M36739	Meteorological station, manual, AN/TMQ-4	0	0	0	0	0	0	0	0	1	0	0	0	0	1
105	N04456	Night vision goggles, AN/PVS-5	0	0	2	0	0	0	0	0	0	0	0	0	0	2
106	N04730	Night vision sight, individual served weapon, AN/PVS-2	0	0	0	0	0	39	0	99	0	0	0	62	11	554
107	N15518	Night vision sight, tripod mounted, AN/TVS-4	0	0	0	0	0	0	0	3	4	0	0	9	6	85
108	Q15414	Radar set, AN/MPQ-4, less power	0	0	0	0	0	0	0	0	8	0	0	0	0	8
109	Q16110	Radar set, AN/PPS-5, less power	0	0	26	0	0	0	0	0	0	0	0	0	0	26
110	Q17332	Radar set, AN/TPS-25, less power	0	0	0	0	0	0	0	0	2	0	0	0	0	2
111	Q22382	Radio frequency monitor set, AN/USQ-46A	0	0	28	0	0	0	0	0	0	0	0	0	0	28
112	Q32756	Radio set, AN/GRC-106	1	0	2	0	2	0	1	6	1	0	5	0	0	18
113	Q34308	Radio set, AN/GRC-160	1	1	32	0	0	46	0	30	71	1	0	114	20	946
114	Q37982	Radio set, AN/PRC-41	0	0	0	0	0	0	1	0	0	0	0	0	0	3
115	Q38299	Radio set, AN/PRC-77	3	0	0	0	0	9	2	20	26	0	6	14	0	154
116	Q38335	Radio set, AN/PRC-90	0	0	0	20	0	0	8	54	28	2	0	0	0	128
117	Q45779	Radio set, AN/VRC-12	0	0	0	0	0	0	0	23	0	0	0	3	28	153
118	Q52394	Radio set, AN/VRC-44	0	0	0	0	0	0	0	0	0	0	16	0	0	16
119	Q53001	Radio set, AN/VRC-46	8	50	16	0	20	11	6	32	108	22	32	9	20	451
120	Q54174	Radio set, AN/VRC-47	4	0	2	2	7	23	5	18	34	19	57	18	17	357
121	Q55114	Radio set, AN/VRC-49	0	0	0	0	6	5	1	1	18	0	0	1	1	43
122	Q56783	Radio set, AN/VRC-64	0	0	8	0	0	30	2	46	10	5	0	14	41	353
123	Q78282	Radio set, con gp, AN/GRA-39	4	5	10	2	12	7	10	19	171	13	67	12	24	508
124	Q90120	Radio teletyprwriter set, AN/GRC-142	0	0	0	0	12	2	0	0	21	0	2	0	0	37
125	Q95810	Radiosonde baseline check set, AN/GMM-1A	0	0	0	0	0	0	0	0	1	0	0	0	0	1
126	R16476	Rawin set, AN/GMD-1	0	0	0	0	0	0	0	0	1	0	0	0	0	1
127	R29799	Receiver set, radio, AN/PRR-9	0	8	0	0	0	0	0	0	0	0	0	45	0	278
128	R50043	Recording set, weather data, AN/TMQ-5	0	0	0	0	0	0	0	0	1	0	0	0	0	1
129	U81707	Switchboard, telephone, manual, SB-22/PT	0	1	3	1	7	7	2	5	39	16	4	7	3	143
130	U82255	Switchboard, telephone, manual, SB-86/P	0	0	0	0	0	0	0	0	2	0	1	0	0	3
131	V30252	Telephone set, TA-1/PT	0	0	0	0	0	52	0	33	24	10	40	77	22	709
132	V31211	Telephone set, TA-312/PT	0	11	75	18	285	52	21	38	589	171	229	63	38	2,061
133	V38758	Teletypewriter, TT-537/G	0	0	0	0	0	0	0	0	6	0	0	0	0	6
134	V57914	Terminal, telegraph-telephone, AN/TCC-29	0	0	2	1	6	0	2	0	2	0	0	0	0	17
135	X17820	Transmitter set, radio, AN/PRT-4	0	8	0	0	0	0	0	0	0	0	0	45	0	278
136	Y54817	Wind measuring set, AN/PMQ-6	0	0	0	0	0	0	0	0	4	0	0	0	0	4
		Class VIIK–Tactical Vehicles														
137	A93125	Armored reconnaissance airborne assault vehicle, full tracked, 152-mm	0	0	0	0	0	0	0	27	0	0	0	0	0	27
138	D10726	Carrier 81-mm mortar, full tracked (less mortar)	0	0	0	0	0	0	0	0	0	0	0	9	0	54
139	E02670	Chassis trailer, general purpose, 3½-ton, 2-wheel, WE	0	0	0	0	0	0	0	0	0	1	0	0	0	1
140	E02807	Chassis trailer, generator, 2½-ton, 2-wheel WE	0	0	0	0	0	0	0	0	0	2	2	0	0	4
141	E56578	Combat engineer vehicle, full tracked	0	0	0	0	0	8	0	0	0	0	0	0	0	8
142	K90188	Instrument repair shop, truck mounted, 2½-ton, 6x6, WE	0	0	0	0	0	0	0	0	0	6	0	0	0	6

Table 2-3 Summary of Equipment-Type of Mechanized Division (With Mobile Assault Bridge)-Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1 LIN	Nomenclature	HHC (37-4H)	MP co (19-27H)	CBTI co (30-19H)	Div avn co (37-87H)	Sig bn (11-35H)	Engr bn (5-145H)	Three bde HHC (37-42H) (ea)	Armd cav sqdn (17-105H)	Div arty (6-300H)	DISCOM (29-11H)	ADA bn (44-325H)	Six inf bn (mech) (7-45H) (ea)	Four tank bn (17-35H) (ea)	Div total (37H)
143 S70243	Semitrailer, low bed, wrecker 12-ton, 4-wheel, 40-ft, WE	0	0	0	0	0	0	0	0	0	1	0	0	0	1
144 S70517	Semitrailer, low bed, 25-ton, 4 wheel, WE	0	0	0	0	0	10	0	0	0	0	0	0	0	10
145 S72024	Semitrailer, stake, 12-ton, 4-wheel, WE	0	0	0	0	0	0	0	0	0	37	0	0	0	37
146 S72983	Semitrailer, tank, fuel servicing, 5,000-gal, 12-ton, 4-wheel, WE	0	0	0	0	0	0	0	0	0	25	0	0	0	25
147 S74079	Semitrailer van, cargo, 12-ton, 4-wheel, WE	0	0	0	0	0	0	0	0	0	7	0	0	0	7
148 S74490	Semitrailer, van, expansible 6-ton, 4-wheel (Army)	0	0	0	0	0	0	0	0	0	2	0	0	0	2
149 S74832	Semitrailer, van, rep parts storage, 6-ton, 4-wheel WE	0	0	0	0	0	1	0	0	0	18	0	0	0	19
150 W94030	Trailer, ammunition, 1½-ton 2-wheel, WE	0	0	0	0	0	0	0	2	0	0	0	0	0	2
151 W95263	Trailer, cable reel, 3½-ton 2-wheel, WE	0	0	0	0	0	2	0	0	0	0	0	0	0	2
152 W95400	Trailer, cargo, ¼-ton, 2-wheel, WE	13	45	15	3	18	18	13	16	90	66	31	34	20	638
153 W95537	Trailer, cargo, ¾-ton, 2-wheel, WE			8	3	16	3	0	1	14	21	18	0	0	95
154 W95811	Trailer, cargo, 1½-ton, 2-wheel, WE	5	2	4	3	18	66	4	23	56	172	31	16	19	564
155 W98825	Trailer, tank, water, 400-gal, 1½-ton, 2-wheel, WE	1	0	0	1	4	6	1	5	24	19	5	5	5	118
156 X38639	Truck, ambulance, ¼-ton, 4x4, WE	2	0	0	0	0	1	0	0	1	0	0	0	0	4
157 X38776	Truck, ambulance, ¾-ton, 4x4, WE	0	0	0	0	0	0	0	0	0	32	0	0	0	32
158 X38961	Truck, ambulance, 1¼-ton, 6x6, WE	0	0	0	0	0	0	0	1	5	0	1	1	1	17
159 X39432	Truck, cargo, 1¼-ton, 4x4, WE	0	0	0	0	0	0	0	0	0	2	0	0	0	2
160 X39735	Truck, cargo, ¾-ton, 4x4, WE	5	6	5	4	27	5	0	0	22	32	10	0	0	116
161 X39883	Truck, cargo, 1¼-ton, 4x4, WE	0	0	0	0	36	0	0	0	0	0	0	0	0	36
162 X39940	Truck, cargo, 1¼-ton, 6x6, WE	0	0	3	0	40	19	6	9	97	0	22	7	7	278
163 X40009	Truck, cargo, 2½-ton, 6x6, WE	1	1	4	6	29	34	4	18	109	151	26	14	14	531
164 X40146	Truck, cargo, 2½-ton, 6x6, w/winch, WE	1	2	0	1	16	3	1	4	21	14	0	2	6	101
165 X40283	Truck, cargo, 2½-ton, 6x6, XLW8, WE	0	0	1	0	0	0	0	0	2	0	2	0	0	5
166 X40794	Truck, cargo, drop-side, 5-ton, 6x6, WE	0	0	0	0	0	0	0	0	0	6	0	0	0	6
167 X40831	Truck, cargo, 5-ton, 6x6, LWB WE	0	0	0	2	0	0	0	0	5	2	5	0	0	14
168 X40931	Truck, cargo, drop-side, 5-ton, 6x6, w/winch, WE	0	0	0	0	0	1	0	0	0	0	0	0	0	1
169 X40968	Truck, cargo, 5-ton, 6x6, LW8, w/winch, WE	0	0	0	0	0	0	0	0	0	0	4	0	0	4
170 X41310	Truck, cargo, 5-ton, 8x8, WE	0	0	0	0	0	1	0	6	0	0	6	6	6	73
171 X41327	Truck, cargo, 5-ton, 8x8, w/winch, WE	0	0	0	0	0	0	0	5	0	0	0	0	0	5
172 X41615	Truck, cargo, 8-ton, 4x4, WE	0	0	0	0	0	0	0	5	72	0	0	5	5	127
173 X43708	Truck, dump, 5-ton, 6x6, WE	0	0	0	0	0	16	0	0	0	0	0	0	0	16
174 X43845	Truck, dump, 5-ton, 6x6, w/winch, WE	0	0	0	0	0	6	0	0	0	0	0	0	0	6
175 X57271	Truck, tank, fuel servicing, 2½-ton, 6x6, WE	0	0	0	0	0	0	0	0	1	0	0	0	0	1
176 X58078	Truck, tank, fuel servicing, 2,500-gal, 4x4, WE	0	0	0	0	0	4	0	3	6	0	0	2	0	25
177 X58093	Truck, tank, fuel servicing, 2,500-gal, 4x4, w/winch, WE	0	0	0	0	0	0	0	0	0	0	0	0	4	16
178 X59052	Truck, tractor, 2½-ton, 6x6, WE	0	0	0	0	0	0	0	0	0	1	0	0	0	1
179 X59326	Truck, tractor, 5-ton, 6x6, WE	0	0	0	0	0	1	0	0	0	70	0	0	0	71
180 X59463	Truck, tractor, 5-ton, 6x6, w/winch, WE	0	0	0	0	0	0	0	0	0	1	0	0	0	1
181 X59874	Truck, tractor, 10-ton, 6x6, w/midship winch, w/ low mtd 5th wheel, WE	0	0	0	0	0	10	0	0	0	0	0	0	0	10
182 X60696	Truck, tractor, wrecker, 5-ton, 6x6, w/winch, WE	0	0	0	0	0	0	0	0	0	1	0	0	0	1
183 X60833	Truck, utility, ¼-ton, 4x4, WE	17	45	15	4	25	19	14	26	136	72	31	34	34	772
184 X62237	Truck, van, expansible, 5-ton, 6x6, WE	4	0	2	0	1	0	0	0	0	1	0	0	0	8
185 X62340	Truck, van, shop, 2½-ton, 6x6, WE	0	0	0	1	0	1	0	1	3	34	4	0	0	44
186 X63299	Truck, wrecker, 5-ton, 6x6, w/winch, WE	0	0	1	0	1	0	0	1	5	5	1	0	0	14
187 X63436	Truck, wrecker, 10-ton, 4x4, WE	0	0	0	0	0	1	0	2	4	6	0	1	1	23
	Class VIII-Missiles														
188 D11681	Carrier, guided missile equipment (TOW)	0	0	0	0	0	0	0	0	0	0	0	18	0	108
189 G22933	Display set, target alert data (FAAR)	0	0	0	0	0	0	0	6	16	0	60	6	6	142

Table 2–3. Summary of Equipment–Type of Mechanized Division (With Mobile Assault Bridge)–Continued

1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	*LIN*	*Nomenclature*	*HHC (37-4H)*	*MP co (19-27H)*	*CBTI co (30-19H)*	*Div avn co (37-87H)*	*Sig bn (11-35H)*	*Engr bn (5-145H)*	*Three bde HHC (37-42H) (ea)*	*Armd cav sqdn (17-105H)*	*Div arty (6-300H)*	*DISCOM (29-11H)*	*ADA bn (44-325H)*	*Six inf bn (mech) (7-45H) (ea)*	*Four tank bn (17-35H) (ea)*	*Div total (37H)*
190	J95533	Guided missile system, intercept-carrier, mtd (Chaparral)	0	0	0	0	0	0	0	0	0	0	24	0	0	24
191	L13998	Jack set, leveling spt, launching sta, copter mode (Chaparral)	0	0	0	0	0	0	0	0	0	0	7	0	0	7
192	L45740	Launcher, tubular guided missile (TOW)	0	0	0	0	0	0	0	0	0	0	0	18	0	108
193	Q16046	Radar set, AN/MPQ-49 (FAAR)	0	0	0	0	0	0	0	0	0	0	8	0	0	8
194	T14440	Shop equipment, guided missile system AN/TSM-95 (Chaparral)	0	0	0	0	0	0	0	0	0	0	2	0	0	2
195	V79469	Test set, guided missile system (Chaparral)	0	0	0	0	0	0	0	0	0	0	2	0	0	2
196	V84002	Test set, radar, AN/MPM-59 OMTS (FAAR)	0	0	0	0	0	0	0	0	0	0	1	0	0	1
		Class VIIM–Weapons														
197	A22496	Aiming circle	0	0	0	0	0	0	0	3	51	0	0	5	2	92
198	A89820	Armament pod, aircraft, 7.62-mm machinegun, wo weapon	0	0	0	0	0	0	0	6	0	0	0	0	0	6
199	A89992	Armament subsystem, helicopter, 20-mm automatic gun	0	0	0	0	0	0	0	4	0	0	0	0	0	4
200	A90118	Armament subsystem, helicopter 7.62-mm machine-gun, light, wo weapons, WE	0	0	0	4	0	0	0	8	0	1	0	0	0	13
201	A90437	Armament subsystem, helicopter, 7.62-mm machine-gun, 40-mm launcher, hi rate, wo weapons	0	0	0	0	0	0	0	9	0	0	0	0	0	9
202	E76866	Computer, gun direction	0	0	0	0	0	0	0	0	22	0	0	0	0	22
203	J96694	Gun, ADA, sp, 20-mm	0	0	0	0	0	0	0	0	0	0	24	0	0	24
204	L44174	Launcher, grenade, acft, 40-mm, left or right hand feed	0	0	0	0	0	0	0	9	0	0	0	0	0	9
205	L44595	Launcher, grenade, 40-mm single shot rifle, mtd, detachable, WE	0	16	2	6	8	86	5	82	227	60	68	82	18	1,134
206	L45016	Launcher, rocket, acft, 2.75-in	0	0	0	0	0	0	0	12	0	0	0	0	0	12
207	L45063	Launcher, rocket, acft, 2.75-in, 19 tube (repair-able)	0	0	0	0	0	0	0	20	0	0	0	0	0	20
208	L45123	Launcher, rocket, multiple, 115-mm	0	0	0	0	0	0	0	0	9	0	0	0	0	9
209	L45250	Launcher, rocket, 66-mm, 4-tube	0	0	0	0	0	0	0	10	0	0	0	9	5	84
210	L91838	Machinegun, caliber 50, hb flex, vehicle mtd	0	0	33	0	0	42	1	63	129	4	20	86	17	878
211	L91975	Machinegun, caliber .50, hb flex, for ground use	2	0	0	0	0	0	3	32	0	0	0	26	14	255
212	L92260	Machinegun, 7.62-mm, acft, light, door mtd	0	0	0	8	0	0	0	16	0	2	0	0	0	26
213	L92323	Machinegun, 7.62-mm, 6 barrels	0	0	0	0	0	0	0	15	0	0	0	0	0	15
214	L92386	Machinegun, 7.62-mm, light, flex	0	10	0	3	10	15	0	23	171	55	20	49	0	601
215	M68008	Mortar, 81-mm, on mount	0	0	0	0	0	0	0	0	0	0	0	9	0	54
216	M68282	Mortar, 4.2-inch, on mount	0	0	0	0	0	0	0	9	0	0	0	4	4	49
217	M75577	Mount, tripod, machinegun, heavy, caliber .50	2	0	33	0	0	40	3	32	120	0	16	106	14	944
218	M75714	Mount, tripod, machinegun, 7.62-mm	0	5	0	3	10	15	0	13	171	55	20	49	0	586
219	N82364	Periscope, battery command	0	0	0	0	0	0	0	0	28	0	0	1	1	38
220	N96741	Pistol, caliber .45, automatic	38	151	52	0	12	71	17	253	126	98	22	116	279	2,686
221	Q13770	Radar chronograph set	0	0	0	0	0	0	0	0	2	0	0	0	0	2
222	R12989	Range finder, fire control, WE (laser)	0	0	0	0	0	0	0	9	32	0	0	0	3	53
223	R91107	Revolver, caliber .38, 2-inch barrel	0	2	0	0	0	0	0	0	0	0	0	0	0	2
224	R91244	Revolver, caliber .38, special, 4-in barrel	3	0	0	27	0	0	5	71	17	10	0	0	0	143
225	R94977	Rifle, 5.56-mm, WE	146	186	179	70	598	893	91	561	2,643	2,215	560	735	273	13,826
226	U56346	Rifle, recoilless, 90-mm	0	8	0	0	0	0	0	0	0	0	0	0	0	8
227	U56346	Submachinegun, caliber .45	0	0	0	0	0	4	7	64	18	0	0	13	122	673
		Class VIIO–Combat Vehicles														
228	D10741	Carrier, 107-mm, mortar, sp (less mortar)	0	0	0	0	0	0	0	9	0	0	0	4	4	49
229	D11049	Carrier, cargo, tracked, 6-ton	0	0	0	0	0	0	0	0	66	0	0	0	0	66
230	D11401	Carrier, command and recon armored	0	0	0	0	0	0	0	50	0	0	0	11	9	152

Table 2—3. Summary of Equipment—Type of Mechanized Division (With Mobile Assault Bridge)—Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	*LIN*	*Nomenclature*	*HHC (37-4H)*	*MP co (19-27H)*	*CBT I co (19-27H)*	*Div avn co (37-87H)*	*Sig bn (11-35H)*	*Engr bn (5-145H)*	*Three bde HHC (37-42H) (ea)*	*Armd cav sqdn (17-105H)*	*Div arty (6-300H)*	*DISCOM (29-11H)*	*ADA bn (44-325H)*	*Six inf bn (mech) (7-45H) (ea)*	*Four tank bn (17-35H) (ea)*	*Div total (37H)*
231	D11538	Carrier, command post, light, tracked	2	0	1	0	0	3	5	6	35	0	0	6	6	122
232	D12087	Carrier, personnel, full tracked, armored	0	0	32	0	0	40	0	25	0	0	16	52	9	461
233	K56981	Howitzer, heavy, self propelled, 8-in	0	0	0	0	0	0	0	0	12	0	0	0	0	12
234	K57667	Howitzer, medium, self propelled, 155-mm	0	0	0	0	0	0	0	0	54	0	0	0	0	54
235	R50544	Recovery vehicle, full tracked, light armored	0	0	1	0	0	0	1	5	8	0	4	6	2	65
236	R50681	Recovery vehicle, full tracked, medium	0	0	0	0	0	2	0	0	1	4	0	0	5	27
237	V13101	Tank; combat, full tracked, 105-mm, gun	0	0	0	0	0	0	0	0	0	0	0	0	54	216
		Class VIIQ—Marine Equipment														
238	883856	Boat, landing, inflatable, assault craft, nylon cloth, 15-man	0	0	0	0	0	18	0	0	0	0	0	0	0	18
239	884404	Boat, recon pneu, 3-man	0	0	0	0	0	31	0	0	0	0	0	0	0	31
		Class VIIU—COMSEC Materiel														
240	E45766	Code changer key, KIK-18/TSEC	0	0	0	8	0	0	2	11	3	1	9	0	0	38
241	E45820	Code changer key, KYK-28/TSEC	3	6	55	8	9	8	2	17	39	15	17	4	6	231
242	H02300	Electronic teletypewriter security equipment, TSEC/KW-7	0	0	3	1	50	2	3	2	22	0	2	1	1	101
243	P43177	Power supply assembly, vehicular, Z-ACD	9	9	57	1	19	23	4	19	87	17	18	8	15	379
244	U01295	Speech security equipment, airborne, TSEC/KY-28	0	0	0	10	0	0	4	27	0	1	0	0	0	50
245	U01305	Speech security equipment, TSEC/KY-38	9	9	58	1	19	23	4	19	87	21	18	8	15	384
246	V08721	Tactical digital regenerative repeater, portable, HYL-3/TSEC	0	0	0	0	6	1	1	1	18	0	0	0	1	33
		Class VIIW—Ground: Construction and MHE														
247	C20414	Bridge, armored vehicle launch, scissor type, cl-60, alum, 60-ft length of span	0	0	0	0	0	6	0	0	0	0	0	0	2	14
248	F39241	Crane, wheel mtd, 5-ton dsl, 4x4 rough terrain, air trans	0	0	0	0	0	0	0	0	0	4	0	0	0	4
249	F39378	Crane, wheel mtd, 20-ton, w/boom, crane, 30-ft, w/block and tackle, 20-ton	0	0	0	0	0	3	0	0	0	0	0	0	0	3
250	H32869	Fairlead roller and sheave, 12½-ton crane-shovel crlr, 20-ton crane-shovel trk	0	0	0	0	0	1	0	0	0	0	0	0	0	1
251	J74852	Grader, road, motorized, dsl drvn, hv, 6x4, front-whl steer	0	0	0	0	0	4	0	0	0	0	0	0	0	4
252	V09730	Tagline crane, and crane-shovel, ¾ to 1 cu yd bucket	0	0	0	0	0	2	0	0	0	0	0	0	0	2
253	W76816	Tractor, full tracked, low speed, dsl, medium D8P, w/bulldozer, w/scarif winch	0	0	0	0	0	8	0	0	0	0	0	0	0	8
254	X48914	Truck lift, fork, dsl drvn, 6,000-lb cap, rough terrain	0	0	0	0	0	1	0	2	0	5	0	0	0	8

Table 2–4. Summary of Equipment–Armored, Infantry and Mechanized Division Artillery

1	2	3	4	5	6	7	8	9	10	11	12
				FA BN							
1 LIN	Nomenclature	HHB armd, inf, and mech div (6-302H)	Tgt Acq Btry (6-307H)	Three 105-mm towed, inf div (6-155H) (1)	(3)	Three 155-mm, SP, armd and mech div (6-365H) (1)	(3)	155-mm, towed/8-in, SP, inf Div (6-165H)	8-in, SP, armd and mech div (6-395H)	Armd and mech div arty total (6-300H)	Inf div arty total (6-100H)
	Class IIA–Air										
2 M02504	Maintenance platform, hydraulic, adjustable type, 3 to 7 ft high	2	0	0	0	0	0	0	0	2	2
	Class IIB–Troop Support										
3 K39774	Hoisting unit, truck mounting, organizational maint set no 7	1	0	0	0	0	0	0	0	1	1
4 L64542	Light set, operational area, acft, ½ KW, heliport, (Army)	1	0	0	0	0	0	0	0	1	1
5 W32867	Shop equipment, auto maint, and rep, org sup no 1, less power	1	0	0	0	0	0	0	0	1	1
	Class IIG–Electronics										
6 C68719	Cable, telephone WO-1/TT OR-8 1,320 ft	22	28	82	246	104	312	58	53	449	388
7 C68856	Cable, telephone, WD-1/TT RL-159/U 5,280 ft	51	95	60	180	60	180	63	56	415	422
8 C68993	Cable, telephone, WD-1/TT, 2 cond, field wire	34	0	23	69	28	84	38	14	158	167
9 U82529	Switchboard, telephone, manual, SB-993/GT	0	0	0	0	0	0	0	0	2	2
10 V30937	Telephone set, TA-264/PT	2	0	1	3	1	3	1	1	7	7
	Class VIIB–Troop support										
11 K31042	Compressor, RCP, power drvn, air rec, gas drvn, 15 CFM, 175 PSI	14	0	0	0	0	0	0	0	14	14
12 W62611	Compressor, RCP, power drvn, trk, 2-whl, pneu tires, gas drvn, 5 CFM, 175 PSI	2	0	0	0	0	0	0	0	2	2
13 X23227	Compressor, RCP, power drvn, trk, 2-whl, pneu tires, gas drvn, 8 CFM, 175 PSI	1	0	0	0	0	0	0	0	1	1
14 E69242	Detecting set, mine, ptbl, metallic and nonmetallic	0	0	1	3	1	3	1	1	5	5
15 E70064	Detecting set, mine, ptbl, metallic (AN/PSS-11)	1	0	5	15	5	15	6	5	24	25
16 E70201	Generator set, gas eng, tlr mtd, 10 kw, 400 HZ, mtd on M103 PU-304/MPQ-4	1	0	0	0	0	0	0	0	1	1
17 G02204	Generator set, gas eng, 0.3 kw AC 115V, 1 ph, 400 HZ, DC 24 to 35V	1	1	5	15	5	15	6	5	25	26
18 G02341	Generator set, gas eng, 0.5 kw, 60 cycles, 1 ph, AC, 120/240V, shock mtd	1	1	5	15	5	15	6	5	25	26
19 J41452	Generator set, gas eng, 0.5 kw, 400 HZ, 1 ph, AC 120/240V skid shock tac util	0	5	1	3	1	3	0	0	8	8
20 J42685	**Class VIIA–Air**	1	0	0	0	0	0	0	0	1	1
21 J42976	Helicopter, observation, OH-58A	1	0	0	0	0	0	0	0	1	1
22 J43027	Tool set, aviation unit, maint, set no 1, airmobile Transporter, airmobile, hydraulic lift, for shelter and X-4 container	2	0	0	0	0	0	0	0	2	2

Table 2–4. Summary of Equipment—Armored, Infantry and Mechanized Division Artillery—Continued

1	2	3	4	5	6	7	8	9	10	11	12
				FA BN							
1 LIN	Nomenclature	HHB armd, inf, and mech div (6-302H)	Tgt Acq Btry (6-307H)	Three 105-mm towed, inf div (6-155H) (1)	(3)	Three 155-mm, SP, armd and mech div (6-365H) (1)	(3)	155-mm, towed/8-in, SP, inf Div (6-165H)	8-in, SP, armd and mech div (6-395H)	Armd and mech div arty total (6-300H)	Inf div arty total (6-100H)
23 J43918	Generator set, gas eng, 1.5 kw, 60 HZ, 1 ph, 2 wire, AC 120V shock tac util	5	2	6	18	6	18	6	6	35	35
24 J44055	Generator set, gas eng, 1.5 kw, DC 28V, shock, tac util	6	14	15	45	6	18	13	6	54	88
25 J45836	Generator set, gas eng, 3 kw, 400 HZ, 1-3 ph, AC 120/208/240V, tac util	4	6	2	6	8	24	10	8	48	32
26 J46110	Generator set, gas eng, 3 kw, DC 28V skid-shock, tblr frame mtd, tac util	1	0	2	6	2	6	2	2	11	11
27 J47617	Generator set, gas eng, tlr mtd, 5 kw, 60 HZ, 2 ea, mtd on M116 PU-620	7	0	1	3	2	6	2	5	21	15
28 J49055	Generator set, gas eng, 7.5 kw, DC 28.5V, whl mtd	2	0	0	0	0	0	0	0	2	2
29 L64131	Light set, marker, emergency, afld runway, ptbl, battery op	1	0	0	0	0	0	0	0	1	1
30 P96640	Pumping assembly, flammable liquid, bulk transfer	1	0	0	0	0	0	0	0	1	1
31 U69083	Surveying instrument, azimuth gyro, lightweight (SIAGL)	2	2	1	3	1	3	2	1	10	11
32 U69357	Surveying instrument, distance meas, electronic mwave, minatzd purpose	6	6	0	0	0	0	0	3	15	12
33 V12141	Tank and pump unit, liquid dispensing, truck mounting	1	0	1	3	1	3	1	2	7	6
34 V19950	Tank unit, liquid dispensing, tlr mounting	0	0	0	0	1	3	1	2	5	1
35 V71450	Test set, computer logic unit	1	1	1	3	1	3	1	1	7	7
36 V71313	Test set, computer, TS-909/PPM	0	5	0	0	0	0	0	0	5	5
37 W07701	Theodolite survey, direct, 0.002 mil, 30 porm, 5 power detach tribrch	6	6	0	0	0	0	0	0	12	12
38 W07838	Theodolite survey, direct 0.2 mil w/tripod and carrying case	0	0	2	6	2	6	3	6	14	11
39 W32593	Shop equipment, auto maint and rep, om common no 1, less power	1	0	5	15	5	15	6	5	24	25
40 W32730	Shop equipment, auto maint and rep, om common no 2, less power	0	0	1	3	1	3	1	1	5	5
41 W65747	Tool set, vehicle, full tracked, org maint suppl no 2, less power	0	0	0	0	1	3	1	1	4	1
	Class VIIG—Electronics										
42 C69541	Cable, telephone, WF-16/U	10	0	0	0	0	0	0	0	10	10
43 M36739	Meteorological station, manual, AN/TMQ-4	1	0	0	0	0	0	0	0	1	1
44 N15518	Night vision sight, tripod mounted, AN/TVS-4	0	0	1	3	1	3	1	1	4	4
45 Q15414	Radar set, AN/MPQ-4, less power	0	5	1	3	1	3	0	0	8	8
46 Q17332	Radar set, AN/TPS-25, less power	1	1	0	0	0	0	0	0	2	2
47 Q32756	Radio set, AN/GRC-106	1	0	0	0	0	0	0	0	1	1

Table 2—4. Summary of Equipment—Armored, Infantry and Mechanized Division Artillery—Continued

1	2	3	4	5	6	7	8	9	10	11	12
				FA BN							
1 *LIN*	*Nomenclature*	*HHB armd, inf, and mech div (6-302H)*	*Tgt Acq Btry (6-307H)*	*Three 105-mm towed, inf div (6-155H)* (1)	(3)	*Three 155-mm, SP, armd and mech div (6-365H)* (1)	(3)	*155-mm, towed/8-in, SP, inf Div (6-165H)*	*8-in, SP, armd and mech div (6-395H)*	*Armd and mech div arty total (6-300H)*	*Inf div arty total (6-100H)*
48 Q34308	Radio set, AN/GRC-160	6	14	13	39	15	45	5	4	71	66
49 Q38299	Radio set, AN/PRC-77	3	2	4	12	4	12	6	9	26	23
50 Q38335	Radio set, AN/PRC-90	28	0	0	0	0	0	0	0	28	28
51 Q53001	Radio set, AN/VRC-46	11	10	17	51	16	48	19	21	108	109
52 Q54174	Radio set, AN/VRC-47	2	4	6	18	6	18	7	6	34	35
53 Q55114	Radio set, AN/VRC-49	1	0	5	15	5	15	1	1	18	18
54 Q56783	Radio sat, AN/VRC-64	0	0	2	6	2	6	2	3	10	9
55 Q78282	Radio set, control group, AN/GRA-39	13	20	32	96	36	108	20	18	171	161
56 Q90120	Radio telatypewriter set, AN/GRC-142	7	0	1	3	2	6	2	5	21	15
57 Q95810	Radiosonda basalina check set, AN/GMM-1A	1	0	0	0	0	0	0	0	1	1
58 R16476	Rawin set, AN/GMD-1	1	0	0	0	0	0	0	0	1	1
59 R50043	Recording set, weather data, AN/TMQ-5	1	0	0	0	0	0	0	0	1	1
60 U81707	Switchboard, telephona, manual, SB-22/PT	2	0	8	24	8	24	9	8	39	40
61 U82255	Switchboard, telephone, manual, SB-86/P	2	0	0	0	0	0	0	0	2	2
62 V30252	Telephona sat, TA-1/PT	0	0	6	18	6	18	10	6	24	28
63 V31211	Telephona set, TA-312/PT	48	22	119	357	118	354	105	87	589	610
64 V38758	Teletypewriter, TT-537/G	1	2	0	0	0	0	0	0	6	6
65 V57914	Terminal, telegraph-telephone, AN/TCC-29	2	0	0	0	0	0	0	0	2	2
66 Y54817	Wind measuring set, AN/PMQ-6	0	0	0	0	0	0	0	0	4	4
	Class VIIK—Tactical Vehicles										
67 W94030	Trailer, ammunition, 1½-ton, 2-wheel, WE	0	0	16	48	0	0	0	0	0	48
68 W95400	Trailar, cargo, ¼-ton, 2-wheel, WE	5	12	23	69	20	60	12	7	90	104
69 W95537	Trailer, cargo, ¾-ton, 2-wheel, WE	6	2	5	15	0	0	7	0	14	36
70 W95811	Trailer, cargo, 1½-ton, 2-wheel, WE	9	6	8	24	8	24	11	8	56	59
71 W98825	Trailer, tank, water, 400-gallon, 1½-ton, 2-wheel, WE	1	0	5	15	5	15	6	5	24	25
72 X38639	Truck, ambulance, ¼-ton, 4x4, WE	1	0	0	0	0	0	0	0	1	1
73 X38961	Truck, ambulance, 1¼-ton, 6x6, WE	0	0	1	3	1	3	1	1	5	5
74 X39735	Truck, cargo, ¾-ton, 4x4, WE	13	0	5	15	0	0	10	0	22	47
75 X39940	Truck, cargo, 1¼-ton, 6x6, WE	7	10	10	30	16	48	8	22	97	65
76 X40009	Truck, cargo, 2½-ton, 6x6, WE	10	15	40	120	16	48	17	20	109	178
77 X40146	Truck, cargo, 2½-ton, 6x6, w/winch, WE	2	1	14	42	5	15	5	0	21	53
78 X40283	Truck, cargo, 2½-ton, 6x6, XLWB, WE	0	0	0	0	0	0	0	0	2	2
79 X40831	Truck, cargo, 5-ton, 6x6, LWB, WE	1	0	1	3	1	3	0	0	5	5
80 X41310	Truck, cargo, 5-ton, 8x8, WE	0	0	0	0	0	0	18	0	0	18
81 X41327	Truck, cargo, 5-ton, 8x8, w/winch, WE	0	0	0	0	0	0	10	0	0	10
82 X41615	Truck, cargo, 8-ton, 4x4, WE	0	0	0	0	18	54	16	18	72	16
83 X57271	Truck, tank, fuel servicing, 2½-ton, 6x6, WE	1	0	0	0	0	0	0	0	1	1
84 X58078	Truck, tank, fuel servicing, 2,500-gal, 4x4, WE	0	0	0	0	2	6	0	0	6	0

Tabla 2–4. Summary of Equipment–Armored, Infantry and Mechanized Division—Continued

1	2	3	4	5	6	7	8	9	10	11	12
				FA BN							
1 LIN	Nomanclature	HHB armd, inf, and mech div (6-302H)	Tgt Acq Btry (6-307H)	Threa 105-mm towed, inf div (6-155H) (1)	(3)	Three 155-mm, SP, armd and mech div (6-365H) (1)	(3)	155-mm, towed/8-in, SP, inf Div (6-165H)	8-in, SP, armd and mech div (6-395H)	Armd and mech div arty total (6-300H)	Inf div arty total (6-100H)
85 X60833	Truck, utility, ¼-ton, 4x4,WE	12	13	30	90	26	78	19	22	136	145
86 X62340	Truck, van, shop, 2½-ton, 6x6, WE	0	0	0	0	0	0	1	3	3	1
87 X63299	Truck, wrecker, 5-ton, 6x6, w/winch, WE	0	0	1	3	0	0	0	0	5	8
88 X63436	Truck, wrecker, 10-ton, 4x4, WE	0	0	0	0	1	3	1	1	4	1
	Class VIIL–Missiles										
89 G22933	Display set, target alert data, (FAAR)	0	0	4	12	4	12	5	4	16	17
	Class VIIM–Weapons										
90 A22496	Aiming circle	1	6	9	27	9	27	11	9	51	53
91 E76866	Computer, gun direction	1	2	1	3	4	12	5	4	22	14
92 K57392	Howitzer, light, towed, 105-mm	0	0	18	54	0	0	0	0	0	54
93 K57803	Howitzer, medium, towed, 155-mm	0	0	0	0	0	0	18	0	0	18
94 L44595	Launcher, grenade, 40-mm, single shot, rifle mtd, detachable, WE	4	17	25	75	50	150	41	39	227	154
95 L45123	Launcher, rocket, multiple, 115-mm	0	0	3	9	3	9	0	0	9	9
96 L91838	Machine gun, caliber .50, HB, flexible, vehicle mtd	0	0	0	0	38	114	5	15	129	5
97 L92386	Machinegun, 7.62-mm, light, flexible	10	11	31	93	32	96	41	35	171	174
98 M75577	Mount, tripod, machinegun, heavy, caliber .50	0	0	0	0	36	108	4	12	120	4
99 M75714	Mount, tripod, machinegun, 7.62-mm	10	11	31	93	32	96	41	35	171	174
100 N82364	Periscope, battery command	0	8	4	12	4	12	2	8	28	22
101 N96741	Pistol, caliber .45, automatic	22	1	19	57	23	69	25	25	126	114
102 Q13770	Radar chronograph set	2	0	0	0	0	0	0	0	2	2
103 R12989	Range finder, fire control, WE (laser)	0	0	10	30	10	30	2	2	32	32
104 R91244	Revolver, caliber .38, special, 4-in barrel	17	0	0	0	0	0	0	0	17	17
105 R94977	Rifle, 5.56-mm WE	198	155	465	1,395	518	1,554	591	491	2,643	2,584
106 U56346	Submachinegun, caliber .45	0	0	0	0	4	12	2	6	18	2
	Class VIIO–Combat Vehicles										
107 D11049	Carrier, cargo, tracked, 6-ton	0	0	0	0	18	54	4	12	66	4
108 D11538	Carrier, command post, light tracked	0	0	0	0	10	30	1	5	35	1
109 K56981	Howitzer, heavy, self propelled, 8-in	0	0	0	0	0	0	4	12	12	4
110 K57667	Howitzer, medium, self propelled, 155-mm	0	0	0	0	18	54	0	0	54	0
111 R50544	Recovery vehicle, full tracked, light armored	0	0	0	0	2	6	0	2	8	0
112 R50681	Recovery vehicle, full tracked, medium	0	0	0	0	0	0	1	1	1	1
	Class VIIU–COMSEC Materiel										
113 E45766	Code changer key, KIK-18/TSEC	3	0	0	0	0	0	0	0	3	3
114 E45820	Code changer key, KYK-28/TSEC	2	1	10	30	7	21	7	10	39	45
115 H02300	Electronic teletypewriter security equipment, TSEC/KW-7	8	0	1	3	2	6	2	5	22	16
116 P43171	Power supply assembly, vehicular, Z-ACD	8	1	15	45	17	51	17	17	87	81
117 U01305	Speech security equipment, TSEC/KY-38	8	1	15	45	17	51	17	17	87	81
118 V08721	Tactical digital regenerative repeater, portable, HYL-3/TSEC	1	0	5	15	5	15	1	1	18	18

Table 2–5. Summary of Equipment–Field Artillery Battalions, 105-mm, Towed, and 155-mm, Towed/8-in, Self-Propelled, Infantry Division

1	2	3	4	5	6	7	8	9	10	11	12	13
		105-mm, Towed					*155-mm, towed/8-in, SP*					
			Three FA btry 105-mm, towed					*Three FA btry 155-mm, towed*		*FA btry*		
1	*LIN*	*Nomenclature*	*HHB (6-156H)*	*(6-157H) (1)*	*(6-157H) (3)*	*Svc btry (6-159H)*	*Bn total (6-155H)*	*HHB (6-166H)*	*(6-167H) (1)*	*(6-167H) (3)*	*8-in, SP (6-358H)*	*Svc btry (6-169H)*	*Bn total (6-165H)*
		Class IIG–Electronics											
2	C68719	Cable, telephone, WO-1/TT OR-8 1,320 ft	29	17	51	2	82	14	11	33	9	2	58
3	C68856	Cable, telephone, WD-1/TT, RL-159/U, 5,280 ft	39	7	21	0	60	35	7	21	7	0	63
4	C68993	Cable, telephone, WD-1/TT, 2 cond, field wire	10	3	9	4	23	10	6	18	6	4	38
5	V30937	Telephone set, TA-264/PT	1	0	0	0	1	1	0	0	0	0	1
		Class VIIB–Troop Support											
6	E69242	Compressor, RCP, power drvn, air rec, gas drvn, 15 CFM, 175 PSI	0	0	0	1	1	0	0	0	0	1	1
7	E70064	Compressor, RCP, power drvn, trk, 2-whl, pneu tires, gas drvn, 5 CFM, 175 PSI	1	1	3	1	5	1	1	3	1	1	6
8	G02204	Detecting set, mine, ptbl, metallic and nonmetallic	1	1	3	1	5	1	1	3	1	1	6
9	G02341	Detecting set, mine, ptbl, metallic (AN/PSS-11)	1	1	3	1	5	1	1	3	1	1	6
10	J41452	Generator set, gas eng, tlr mtd, 10 kw, 400 hz, mtd on M103 PU-304/MPQ-4	1	0	0	0	1	0	0	0	0	0	0
11	J43918	Generator set, gas eng, 1.5 kw, 60 hz, 1 ph, 2 wire, AC 120V, shock, tac util	1	1	3	2	6	1	1	3	0	2	6
12	J44055	Generator set, gas eng, 1.5 kw, DC 28V, shock, tac util	8	2	6	1	15	5	2	6	1	1	13
13	J45836	Generator set, gas eng, 3 kw, 400 hz, 1-3 ph, AC 120/208/240V, tac util	2	0	0	0	2	2	2	6	2	0	10
14	J46110	Generator set, gas eng, 3 kw, DC 28V, skid-shock, tblr frame mtd, tac util	0	0	0	2	2	0	0	0	0	2	2
15	J47617	Generator set, gas eng, tlr mtd, 5 kw, 60 hz, 2 ea, mtd on M116 PU-620	1	0	0	0	1	2	0	0	0	0	2
16	U69083	Surveying instrument, azimuth gyro, lightweight (SIAGL)	1	0	0	0	1	2	0	0	0	0	2
17	V12141	Tank and pump unit, liquid dispensing, truck mounting	0	0	0	1	1	0	0	0	0	1	1
18	V19950	Tank unit, liquid dispensing, trailer mounting	0	0	0	0	0	0	0	0	0	1	1
19	V71450	Test set, computer logic unit	1	0	0	0	1	1	0	0	0	0	1
20	W07838	Theodolite, survey, direct 0.2 mil, w/tripod and carrying case	2	0	0	0	2	3	0	0	0	0	3
21	W32593	Shop equipment, auto maint and rep, OM common no 1, less power	1	1	3	1	5	1	1	3	1	1	6
22	W32730	Shop equipment, auto maint and rep, OM common no 2, less power	0	0	0	1	1	0	0	0	0	1	1
23	W65747	Tool set, vehicle, full tracked, org maint suppl no 2, less power	0	0	0	0	0	0	0	0	0	1	1

Table 2–5. Summary of Equipment–Field Artillery Battalions, 105-mm, Towed, and 155-mm, Towed/8-in, Self-Propelled, Infantry Division–Continued

1	2	3	4	5	6	7	8	9	10	11	12	13
		105-mm, Towed					*155-mm, towed/8-in, SP*					
			Three FA btry 105-mm, towed (6-157H)					*Three FA btry 155-mm, towed (6-167H)*		*FA btry*		
1	*LIN* *Nomenclature*	*HHB (6-156H)*	*(1)*	*(3)*	*Svc btry (6-159H)*	*Bn total (6-155H)*	*HHB (6-166H)*	*(1)*	*(3)*	*8-in, SP (6-358H)*	*Svc btry (6-169H)*	*Bn total (6-165H)*
	Class VIIG–Electronics											
24	N15518 Night vision sight, tripod mounted, AN/TVS-4	1	0	0	0	1	1	0	0	0	0	1
25	Q15414 Radar set, AN/MPQ-4, less power	1	0	0	0	1	0	0	0	0	0	0
26	Q34308 Radio set, AN/GRC-160	4	3	9	0	13	4	0	0	0	1	5
27	Q38299 Radio set, AN/PRC-77	4	0	0	0	4	6	0	0	0	0	6
28	Q53001 Radio set, AN/VRC-46	9	2	6	2	17	8	2	6	3	2	19
29	Q54174 Radio set, AN/VRC-47	3	1	3	0	6	3	1	3	1	0	7
30	Q55114 Radio set, AN/VRC-49	5	0	0	0	5	1	0	0	0	0	1
31	Q56783 Radio set, AN/VRC-64	1	0	0	1	2	1	0	0	0	1	2
32	Q78282 Radio set, control group, AN/GRA-39	13	6	18	1	32	7	3	9	3	1	20
33	Q90120 Radio teletypewriter set, AN/GRC-142	1	0	0	0	1	2	0	0	0	0	2
34	U81707 Switchboard, telephone, manual, SB-22/PT	4	1	3	1	8	4	1	3	1	1	9
35	V30252 Telephone set, TA-1/PT	6	0	0	0	6	10	0	0	0	0	10
36	V31211 Telephone set, TA-312/PT	38	24	72	9	119	30	17	51	15	9	105
	Class VIIK–Tactical Vehicles											
37	W94030 Trailer, ammunition, 1½-ton, 2-wheel, WE	0	2	6	10	16	0	0	0	0	0	0
38	W95400 Trailer, cargo, ¼-ton, 2-wheel, WE	14	3	9	0	23	11	0	0	0	1	12
39	W95537 Trailer, cargo, ¾-ton, 2-wheel, WE	1	1	3	1	5	4	1	3	0	0	7
40	W95811 Trailer, cargo, 1½-ton, 2-wheel, WE	2	1	3	3	8	2	1	3	2	4	11
41	W98825 Trailer, tank, water, 400-gal, 1½-ton, 2-wheel, WE	1	1	3	1	5	1	1	3	1	1	6
42	X38961 Truck, ambulance, 1¼-ton, 6x6, WE	1	0	0	0	1	1	0	0	0	0	1
43	X39735 Truck, cargo, ¾-ton, 4x4, WE	4	0	0	1	5	6	1	3	0	1	10
44	X39940 Truck, cargo, 1¼-ton, 6x6, WE	7	1	3	0	10	7	0	0	1	0	8
45	X40009 Truck, cargo, 2½-ton, 6x6, WE	5	7	21	14	40	3	2	6	2	6	17
46	X40146 Truck, cargo, 2½-ton, 6x6, w/winch, WE	1	4	12	1	14	1	1	3	1	0	5
47	X40831 Truck, cargo, 5-ton, 6x6, LWB, WE	0	0	0	1	1	0	0	0	0	0	0
48	X41310 Truck, cargo, 5-ton, 8x8, WE	0	0	0	0	0	0	6	18	0	0	18
49	X41327 Truck, cargo, 5-ton, 8x8, w/winch, WE	0	0	0	0	0	0	3	9	0	1	10
50	X41615 Truck, cargo, 8-ton, 4x4, WE	0	0	0	0	0	0	0	0	4	12	16
51	X60833 Truck, utility, ¼-ton, 4x4, WE	16	4	12	2	30	13	1	3	1	2	19
52	X62340 Truck, van, shop, 2½-ton, 6x6, WE	0	0	0	0	0	0	0	0	1	0	1
53	X63299 Truck, wrecker, 5-ton, 6x6, w/winch, WE	0	0	0	1	1	0	0	0	0	0	0
54	X63436 Truck, wrecker, 10-ton, 4x4, WE	0	0	0	0	0	0	0	0	0	1	1
	Class VIIL–Missiles											
55	G22933 Display set, target alert data (FAAR)	4	0	0	0	4	5	0	0	0	0	5
	Class VIIM–Weapons											
56	A22496 Aiming circle	3	2	6	0	9	3	2	6	2	0	11
57	E76866 Computer, gun direction	1	0	0	0	1	1	1	3	1	0	5

Table 2–5. Summary of Equipment–Field Artillery Battalions, 105-mm, Towed, and 155-mm, Towed/8-in, Self-Propelled, Infantry Division–Continued

1	2		3	4	5	6	7	8	9	10	11	12	13
			105-mm, Towed					*155-mm, towed/8-in, SP*					
				Three FA btry 105-mm, towed (6-157H)					*Three FA btry 155-mm, towed (6-167H)*		*FA btry*		
1	*LIN*	*Nomenclature*	*HHB (6-156H)*	*(1)*	*(3)*	*Svc btry (6-159H)*	*Bn total (6-155H)*	*HHB (6-166H)*	*(1)*	*(3)*	*8-in, SP (6-358H)*	*Svc btry (6-169H)*	*Bn total (6-165H)*
58	K57392	Howitzer, light, towed, 105-mm	0	6	18	0	18	0	0	0	0	0	0
59	K57803	Howitzer, medium, towed, 155-mm	0	0	0	0	0	0	6	18	0	0	18
60	L44595	Launcher, grenade, 40-mm, single shot, rifle mtd, detachable, WE	5	5	15	5	25	5	7	21	7	8	41
61	L45123	Launcher, rocket, multiple, 115-mm	0	0	0	3	3	0	0	0	0	0	0
62	L91838	Machinegun, caliber .50, HB, flexible, vehicle mtd	0	0	0	0	0	0	0	0	4	1	5
63	L92386	Machinegun, 7.62-mm, light, flexible	5	7	21	5	31	5	8	24	8	4	41
64	M75577	Mount, tripod, machinegun, heavy, caliber .50	0	0	0	0	0	0	0	0	4	0	4
65	M75714	Mount, tripod, machinegun, 7.62-mm	5	7	21	5	31	5	8	24	8	4	41
66	N82364	Periscope, battery, command	4	0	0	0	4	2	0	0	0	0	2
67	N96741	Pistol, caliber .45, automatic	15	1	3	1	19	18	1	3	1	3	25
68	R12989	Range finder, fire control, WE (laser)	1	3	9	0	10	2	0	0	0	0	2
69	R94977	Rifle, 5.56-mm, WE	121	97	291	53	465	113	102	306	97	75	591
70	U56346	Submachinegun, caliber .45	0	0	0	0	0	0	0	0	0	2	2
		Class VIIO–Combat Vehicles											
71	D11049	Carrier, cargo, tracked, 6-ton	0	0	0	0	0	0	0	0	4	0	4
72	D11538	Carrier, command post, light tracked	0	0	0	0	0	0	0	0	1	0	1
73	K56981	Howitzer, heavy, self-propelled, 8-in	0	0	0	0	0	0	0	0	4	0	4
74	R50681	Recovery vehicle, full tracked, medium	0	0	0	0	0	0	0	0	0	1	1
		Class VIIU–COMSEC Materiel											
75	E45820	Code changer key, KYK-28/TSEC	6	1	3	1	10	2	1	3	1	1	7
76	H02300	Electronic teletypewriter security equipment, TSEC/KW-7	1	0	0	0	1	2	0	0	0	0	2
77	P43177	Power supply assembly, vehicular, Z-ACD	8	2	6	1	15	6	2	6	3	2	17
78	U01305	Speech security equipment, TSEC/KY-38	8	2	6	1	15	6	2	6	3	2	17
79	V08721	Tactical digital regenerative repeater, portable, HYL-3/TSEC	5	0	0	0	5	1	0	0	0	0	1

Table 2–6. Summary of Equipment–Field Artillery Battalions, 155-mm and 8-in, Self-Propelled, Armored and Mechanized Divisions

1	2	3	4	5	6	7	8	9	10	11	12
		155-mm					*8-in, SP*				
			Three FA btry, 155-mm, SP					*Three FA btry, 8-in, SP*			
1	*LIN* *Nomenclature*	*HHB (6-366H)*	*(6-367H) (1)*	*(3)*	*Svc btry (6-369H)*	*Bn total (6-365H)*	*HHB (6-396H)*	*(6-397H) (1)*	*(3)*	*Svc btry (6-399H)*	*Bn total (6-395H)*
	Class IIG–Electronics										
2	C68719 Cable, telephone, WO-1/TT, OR-8, 1,320 ft	30	22	66	8	104	15	12	36	2	53
3	C68856 Cable, telephone, WD-1/TT, RL-159/U, 5,280 ft	39	7	21	0	60	35	7	21	0	56
4	C68993 Cable, telephone, WD-1/TT, 2 cond, field wire	10	6	18	0	28	10	0	0	4	14
5	V30937 Telephone set, TA-264/PT	1	0	0	0	1	1	0	0	0	1
	Class VIIB–Troop Support										
6	E69242 Compressor, RCP, power drvn, air rec, gas drvn, 15 CFM, 175 PSI	0	0	0	1	1	0	0	0	1	1
7	E70064 Compressor, RCP, power drvn, trk, 2-whl pneu tires, gas drvn, 5 CFM, 175 PSI	1	1	3	1	5	1	1	3	1	5
8	G02204 Detecting set, mine, ptbl, metallic and nonmetallic	1	1	3	1	5	1	1	3	1	5
9	G02341 Detecting set, mine, ptbl, metallic (AN/PSS-11)	1	1	3	1	5	1	1	3	1	5
10	J41452 Generator set, gas eng, tlr mtd, 10 kw, 400 hz, mtd on M103 PU-304/MPQ-4	1	0	0	0	1	0	0	0	0	0
11	J43918 Generator set, gas eng, 1.5 kw, 60 hz, 1 ph, 2 wire, AC 120V, shock, tac util	0	1	3	3	6	1	1	3	2	6
12	J44055 Generator set, gas eng, 1.5 kw, DC 28V, shock, tac util	2	1	3	1	6	2	1	3	1	6
13	J45836 Generator set, gas eng, 3 kw, 400 hz, 1-3 ph, AC 120/208/240V, tac util	2	2	6	0	8	2	2	6	0	8
14	J46110 Generator set, gas eng, 3 kw, DC 28V, skid-shock, tblr frame mtd, tac util	0	0	0	2	2	0	0	0	2	2
15	J47617 Generator set, gas eng, tlr mtd, 5 kw, 60 hz, 2 ea, mtd on M116 PU-620	2	0	0	0	2	2	1	3	0	5
16	U69083 Surveying instrument, azimuth gyro lightweight (SIAGL)	1	0	0	0	1	1	0	0	0	1
17	U69357 Surveying instrument, distance meas electronic microwave, minatzd purpose	0	0	0	0	0	3	0	0	0	3
18	V12141 Tank and pump unit, liquid dispensing, truck mounting	0	0	0	1	1	0	0	0	2	2
19	V19950 Tank unit, liquid dispensing, trailer mounting	0	0	0	1	1	0	0	0	2	2
20	V71450 Test set, computer logic unit	1	0	0	0	1	1	0	0	0	1
21	W07838 Theodolite, survey, direct 0.2 mil, w/tripod and carrying case	2	0	0	0	2	3	1	3	0	6

Table 2—6. Summary of Equipment—Field Artillery Battalions, 155-mm and 8-in, Self-Propelled, Armored and Mechanized Divisions—Continued

1	2		3	4	5	6	7	8	9	10	11	12
			155-mm					*8-in, SP*				
				Three FA btry, 155-mm, SP (6-367H)					*Three FA btry, 8-in, SP (6-397H)*			
1	*LIN*	*Nomenclature*	*HHB (6-366H)*	*(1)*	*(3)*	*Svc btry (6-369H)*	*Bn total (6-365H)*	*HHB (6-396H)*	*(1)*	*(3)*	*Svc btry (6-399H)*	*Bn total (6-395H)*
22	W32593	Shop equipment, auto maint and rep, OM common no 1, less power	1	1	3	1	5	1	1	3	1	5
23	W32730	Shop equipment, auto maint and rep, OM common no 2, less power	0	0	0	1	1	0	0	0	1	1
24	W65747	Tool set, vehicle, full tracked org maint suppl no 2, less power	0	0	0	1	1	0	0	0	1	1
		Class VIIG—Electronics										
25	N15518	Night vision sight, tripod mounted, AN/TVS-4	1	0	0	0	1	1	0	0	0	1
26	Q15414	Radar set, AN/MPQ-4, less power	1	0	0	0	1	0	0	0	0	0
27	Q34308	Radio set, AN/GRC-160	5	3	9	1	15	3	0	0	1	4
28	Q38299	Radio set, AN/PRC-77	4	0	0	0	4	3	2	6	0	9
29	Q53001	Radio set, AN/VRC-46	8	2	6	2	16	7	4	12	2	21
30	Q54174	Radio set, AN/VRC-47	3	1	3	0	6	3	1	3	0	6
31	Q55114	Radio set, AN/VRC-49	5	0	0	0	5	1	0	0	0	1
32	Q56783	Radio set, AN/VRC-64	0	0	0	2	2	1	0	0	2	3
33	Q78282	Radio set, control group, AN/GRA-39	17	6	18	1	36	8	3	9	1	18
34	Q90120	Radio teletypewriter set, AN/GRC-142	2	0	0	0	2	2	1	3	0	5
35	U81707	Switchboard, telephone, manual, SB-22/PT	4	1	3	1	8	4	1	3	1	8
36	V30252	Telephone set, TA-1/PT	6	0	0	0	6	6	0	0	0	6
37	V31211	Telephone set, TA-312/PT	40	23	69	9	118	30	16	48	0	87
		Class VIIK—Tactical Vehicles										
38	W95400	Trailer, cargo, ¼-ton, 2-wheel, WE	10	3	9	1	20	7	0	0	0	7
39	W95811	Trailer, cargo, 1½-ton, 2-wheel, WE	1	1	3	4	8	1	1	3	4	8
40	W98825	Trailer, tank, water, 400-gal, 1½-ton, 2-wheel, WE	1	1	3	1	5	1	1	3	1	5
41	X38961	Truck, ambulance, 1¼-ton, 6x6, WE	1	0	0	0	1	1	0	0	0	1
42	X39940	Truck, cargo, 1¼-ton, 6x6, WE	12	1	3	1	16	12	3	9	1	22
43	X40009	Truck, cargo, 2½-ton, 6x6, WE	4	2	6	6	16	3	3	9	8	20
44	X40146	Truck, cargo, 2½-ton, 6x6, w/winch, WE	1	1	3	1	5	0	0	0	0	0
45	X40831	Truck, cargo, 5-ton, 6x6, LWB, WE	0	0	0	1	1	0	0	0	0	0
46	X41615	Truck, cargo, 8-ton, 4x4, WE	0	3	9	9	18	0	3	9	9	18
47	X58078	Truck, tank, fuel servicing, 2,500-gal, 4x4, WE	0	0	0	2	2	0	0	0	0	0
48	X60833	Truck, util, ¼-ton, 4x4, WE	12	4	12	2	26	11	3	9	2	22
49	X62340	Truck, van, shop, 2½-ton, 6x6, WE	0	0	0	0	0	0	1	3	0	3
50	X63436	Truck, wrecker, 10-ton, 4x4, WE	0	0	0	1	1	0	0	0	1	1
		Class VIIL Missiles										
51	G22933	Display set, target alert data (FAAR)	4	0	0	0	4	4	0	0	0	4
		Class VIIM Weapons										
52	A22496	Aiming circle	3	2	6	0	9	0	3	9	0	9

Table 2–6. Summary of Equipment—Field Artillery Battalions, 155-mm and 8-in, Self-Propelled, Armored and Mechanized Divisions—Continued

1	2	3	4	5	6	7	8	9	10	11	12
		155-mm					*8-in, SP*				
			Three FA btry, 155-mm, SP (6-367H)					*Three FA btry, 8-in, SP (6-397H)*			
1	*LIN* *Nomenclature*	*HHB (6-366H)*	*(1)*	*(3)*	*Svc btry (6-369H)*	*Bn total (6-365H)*	*HHB (6-396H)*	*(1)*	*(3)*	*Svc btry (6-399H)*	*Bn total (6-395H)*
53	E76866 Computer, gun direction	1	1	3	0	4	1	1	3	0	4
54	L44595 Launcher, grenade, 40-mm single shot rifle, mtd, detachable WE	15	9	27	8	50	9	7	21	9	39
55	L45123 Launcher, rocket, multiple, 115-mm	0	0	0	3	3	0	0	0	0	0
56	L91838 Machinegun, caliber .50, HB flexible, vehicle mtd	0	12	36	2	38	0	4	12	3	15
57	L92386 Machinegun, 7.62-mm, light, flexible	8	6	18	6	32	4	8	24	7	35
58	M75577 Mount, tripod, machinegun, heavy, caliber .50	0	12	36	0	36	0	4	12	0	12
59	M75714 Mount, tripod, machinegun, 7.62-mm	8	6	18	6	32	4	8	24	7	35
60	N82364 Periscope, battery, command	4	0	0	0	4	2	2	6	0	8
61	N96741 Pistol, caliber .45, automatic	15	1	3	5	23	15	1	3	7	25
62	R12989 Range finder, fire control, WE (laser)	1	3	9	0	10	2	0	0	0	2
63	R94977 Rifle, 5.56-mm, WE	127	109	327	64	518	96	108	324	71	491
64	U56346 Submachinegun, caliber .45	0	0	0	4	4	0	0	0	6	6
	Class VIIO Combat Vehicles										
65	D11049 Carrier, cargo, tracked, 6-ton	0	6	18	0	18	0	4	12	0	12
66	D11538 Carrier, command post, light tracked	7	1	3	0	10	2	1	3	0	5
67	K56981 Howitzer, heavy, self-propelled, 8-in	0	0	0	0	0	0	4	12	0	12
68	K57667 Howitzer, medium, self-propelled, 155-mm	0	6	18	0	18	0	0	0	0	0
69	R50544 Recovery vehicle, full tracked, light, armored	0	0	0	2	2	0	0	0	2	2
70	R50681 Recovery vehicle, full tracked, medium	0	0	0	0	0	0	0	0	1	1
	Class VIIU COMSEC Materiel										
71	E45820 Code changer key, KYK-28/TSEC	2	1	3	2	7	2	2	6	2	10
72	H02300 Electronic teletypewriter security equipment, TSEC/KW-7	2	0	0	0	2	2	1	3	0	5
73	P43177 Power supply assembly, vehicular, Z-ACD	9	2	6	2	17	6	3	9	2	17
74	U01305 Speech security equipment, TSEC/KY-38	9	2	6	2	17	6	3	9	2	17
75	V08721 Tactical digital regenerative repeater, portable, HYL-3/TSEC	5	0	0	0	5	1	0	0	0	1

Table 2–7. Summary of Equipment—Air Defense Artillery Battalion, Chaparral/Vulcan, Self-Propelled, Armored, Infantry, and Mechanized Divisions

1		2	3	4	5	6	7	8
				Two ADA btry, Vulcan, SP (44-327H)		*Two ADA btry, Chap, SP (44-328H)*		
1	*LIN*	*Nomenclature*	*HHB (44-326H)*	*(1)*	*(2)*	*(1)*	*(2)*	*Bn total (44-325H)*
		Class IIB—Troop Support						
2	T10600	Shop equipment, guided missile, aux equipment, maint (Chapparral)	0	0	0	1	2	2
3	V84014	Test set, radar, AN/TPM-23 (VADS)	0	1	2	0	0	2
4	W32867	Shop equipment, auto maint and rep, org sup no 1, less power	1	1	2	1	2	5
		Class IIG—Electronics						
5	C68719	Cable, telephone, WO-1/TT, OR-8 1,320 ft	40	64	128	76	152	320
6	C68856	Cable, telephone, WD-1/TT, RL-159/U, 5,280 ft	12	3	6	3	6	24
7	R30662	Receiver-transmitter control group, AN/GRA-6	5	0	0	0	0	5
8	U82529	Switchboard, telephone, manual, SB-993/GT	0	3	6	3	6	12
		Class VIIB Troop Support						
9	E70064	Compressor, RCP, power drvn trk 2-whl, pneu tires, gas drvn, 5 CFM, 175 PSI	1	1	2	1	2	5
10	G02204	Detecting set, mine, ptbl, metallic and nonmetallic	1	1	2	1	2	5
11	G02341	Detecting set, mine, ptbl, metallic (AN/PSS-11)	1	1	2	1	2	5
12	J36725	Generator, dsl eng, 30 kw, AC 120/208 240/416V, 3 ph, 400 hz, tac, precise	0	0	0	1	2	2
13	J43918	Generator set, gas eng, 1.5 kw, 60 hz, 1 ph, 2 wire AC 120V, shock, tac util	2	3	6	3	6	14
14	J44055	Generator set, gas eng, 1.5 kw, DC 28V, shock, tac util	5	2	4	5	10	19
15	J46110	Generator set, gas eng, 3 kw, DC 28V, skid-shock, tblr frame mtd, tac util	6	1	2	1	2	10
16	J47617	Generator set, gas eng, tlr mtd, 5 kw, 60 hz, 2 ea, mtd on M116 PU-620	2	0	0	0	0	2
17	J48713	Generator set, gas eng, 5 kw, 400 hz, 1-3 ph, AC 120/240, 120/208V, skid, tac util	10	0	0	0	0	10
18	V12141	Tank and pump unit, liquid dispensing, truck mounting	1	2	4	2	4	9
19	V19950	Tank unit, liquid dispensing, trailer mounting	0	2	4	2	4	8
20	W32593	Shop equipment, auto maint and repair, OM common no 1, less power	1	1	2	1	2	5
21	W65747	Tool set, vehicle, full tracked org maint suppl no 2, less power	0	1	2	1	2	4
		Class VIIG—Electronics						
22	C69541	Cable, telephone, WF-16/U	8	2	4	2	4	16
23	Q32756	Radio set, AN/GRC-106	5	0	0	0	0	5
24	Q38299	Radio set, AN/PRC-77	0	0	0	3	6	6
25	Q52394	Radio set, AN/VRC-44	0	4	8	4	8	16
26	Q53001	Radio set, AN/VRC-46	24	2	4	2	4	32
27	Q54174	Radio set, AN/VRC-47	5	13	26	13	26	57
28	Q78282	Radio set, control group, AN/GRA-39	9	13	26	16	32	67
29	Q90120	Radio teletypewriter set, AN/GRC-142	2	0	0	0	0	2
30	U81707	Switchboard, telephone, manual, SB-22/PT	0	1	2	1	2	4
31	U82255	Switchboard, telephone, manual, SB-86/P	1	0	0	0	0	1
32	V30252	Telephone set, TA-1/PT	8	8	16	8	16	40
33	V31211	Telephone set, TA-312/PT	29	44	88	56	112	229
		Class VIIK—Tactical Vehicles						
34	E02807	Chassis, trailer, generator, 2½-ton, 2-wheel, WE	0	0	0	1	2	2
35	W95400	Trailer, cargo, ¼-ton, 2-wheel, WE	11	5	10	5	10	31
36	W95537	Trailer, cargo, ¾-ton, 2-wheel, WE	14	1	2	1	2	18
37	W95811	Trailer, cargo, 1½-ton, 2-wheel, WE	3	9	18	5	10	31
38	W98825	Trailer, tank, water, 400-gal, 1½-ton, 2-wheel, WE	1	1	2	1	2	5
39	X38961	Truck, ambulance, 1¼-ton, 6x6, WE	1	0	0	0	0	1
40	X39735	Truck, cargo, ¾-ton, 4x4, WE	6	1	2	1	2	10
41	X39940	Truck, cargo, 1¼-ton, 6x6, WE	10	3	6	3	6	22

Table 2–7. Summary of Equipment–Air Defense Artillery Battalion, Chaparral/Vulcan, Self-Propelled, Armored, Infantry, and Mechanized Divisions–Continued

1	2		3	4	5	6	7	8
				Two ADA btry, Vulcan, SP (44-327H)		*Two ADA btry, Chap, SP (44-328H)*		
1	*LIN*	*Nomenclature*	*HHB (44-326H)*	*(1)*	*(2)*	*(1)*	*(2)*	*Bn total (44-325H)*
42	X40009	Truck, cargo, 2½-ton, 6x6, WE	4	4	8	7	14	26
43	X40283	Truck, cargo, 2½-ton, 6x6, XLWB, WE	0	0	0	1	2	2
44	X40831	Truck, cargo, 5-ton, 6x6, LWB, WE	1	0	0	2	4	5
45	X40968	Truck, cargo, 5-ton, 6x6, w/winch, WE	0	2	4	0	0	4
46	X41310	Truck, cargo, 5-ton, 8x8, WE	0	3	6	0	0	6
47	X60833	Truck, utility, ¼-ton, 4x4, WE	11	5	10	5	10	31
48	X62340	Truck, van, shop, 2½-ton, 6x6, WE	0	1	2	1	2	4
49	X63299	Truck, wrecker, 5-ton, 6x6, w/winch, WE	1	0	0	0	0	1
		Class VIIL–Missiles						
50	G22933	Display set, target alert data (FAAR)	0	15	30	15	30	60
51	J95533	Guided missile system intercept, carrier mtd (Chaparral)	0	0	0	12	24	24
52	L13998	Jack set, leveling, spt launching sta, copter mode (Chaparral)	1	0	0	3	6	7
53	Q16046	Radar set, AN/MPQ-49 (FAAR)	8	0	0	0	0	8
54	T14440	Shop equipment, guided missile system, AN/TSM-95 (Chaparral)	0	0	0	1	2	2
55	V79469	Test set, guided missile system (Chaparral)	0	0	0	1	2	2
56	V84002	Test set, radar, AN/MPM-59, OMTS (FAAR)	1	0	0	0	0	1
		Class VIIM–Weapons						
57	J96694	Gun air defense artillery, self-propelled, 20-mm	0	12	24	0	0	24
58	L44595	Launcher, grenade, 40-mm, single shot, rifle mtd, detachable, WE	4	16	32	16	32	68
59	L91838	Machinegun, caliber .50, HB flexible, vehicle mtd	0	5	10	5	10	20
60	L92386	Machinegun, 7.62-mm, light, flexible	4	4	8	4	8	20
61	M75577	Mount, tripod, machinegun, heavy, caliber .50	0	4	8	4	8	16
62	M75714	Mount, tripod, machinegun, 7.62-mm	4	4	8	4	8	20
63	N96741	Pistol, caliber .45, automatic	10	3	6	3	6	22
64	R94977	Rifle, 5.56-mm, WE	114	105	210	118	236	560
		Class VIIO–Combat Vehicles						
65	D12087	Carrier, personnel, full tracked, armored	0	4	8	4	8	16
66	R50544	Recovery vehicle, full tracked, light, armored	0	1	2	1	2	4
		Class VIIU–COMSEC Materiel						
67	E45766	Code changer key, KIK-18/TSEC	9	0	0	0	0	9
68	E45820	Code changer key, KYK-28/TSEC	1	4	8	4	8	17
69	H02300	Electronic teletypewriter security equipment, TSEC/KW-7	2	0	0	0	0	2
70	P43177	Power supply assembly, vehicular, Z-ACD	2	4	8	4	8	18
71	U01305	Speech security equipment, TSEC/KY-38	2	4	8	4	8	18

Table 2–8. Summary of Equipment–Combat Aviation Battalion, Infantry Division, Engineer Battalion, Armored and Mechanized Divisions (with Mobile Assault Bridge); Engineer Battalion, Infantry Division (with Mobile Assault Bridge)

1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16
			Cbt avn bn				Engr bn, armd and mech divs					Engr bn, inf div				
1	LIN	Nomenclature	HHC (57-56H)	Aslt hel co (57-57H)	Avn GS co (57-58H)	Bn total (57-55H)	HHC (5-146H)	Four cbt engr co (5-147H) (1)	(4)	Brg co (5-148H)	Bn total (5-145H)	HHC (5-156H)	Three cbt engr co (5-157H) (1)	(3)	Brg co (5-148H)	Bn total (5-155H)
		Class IIB–Troop Support														
2	L64542	Light set, operational area, acft, ½ kw heliport (Army)	0	3	1	4	0	0	0	0	0	0	0	0	0	0
3	P92030	Pump, cntrf, gas drvn, frame mtd, 2-in, 125 gal per min, 50-ft hd	0	0	0	0	5	0	0	0	5	5	0	0	0	5
4	W32867	Shop equipment, auto maint and repair, org sup no 1, less power	1	1	1	3	0	0	0	1	1	0	0	0	1	1
5	W67843	Torch outfit, cutting and welding, set 2	0	0	0	0	0	1	4	0	4	0	1	3	0	3
		Class IIE–General Supply														
6	G68966	Drum, fabric, collapsible, liquid fuel, 500-gal capacity	1	12	6	19	0	0	0	0	0	0	0	0	0	0
		Class IIG–Electronics														
7	C68719	Cable, telephone, WO-1/TT, OR-8 1,320-ft	15	12	12	39	4	6	24	4	32	4	9	27	4	35
8	C68856	Cable, telephone, WD-1/TT, RL-159/U 5,280-ft	4	4	4	12	6	4	16	1	23	6	4	12	1	19
9	C68993	Cable, telephone, WD-1/TT, 2 cond, field wire	0	0	0	0	3	5	20	0	23	3	5	15	0	18
10	U82529	Switchboard, telephone, manual, SB-993/GT	0	0	0	0	0	3	12	0	12	0	3	9	0	9
		Class IIW–Ground														
11	C29490	Bucket, clamshell, ¾-cu yd	0	0	0	0	2	0	0	0	2	2	0	0	0	2
12	C30997	Bucket, dragline, ¾-cu yd	0	0	0	0	1	0	0	0	1	1	0	0	0	1
		Class VIIA–Air														
13	K29660	Helicopter, attack, AH-1G	0	6	0	6	0	0	0	0	0	0	0	0	0	0
14	K31042	Helicopter, observation, OH-58A	0	0	6	6	0	0	0	0	0	0	0	0	0	0
15	K31795	Helicopter, utility, UH-1H	0	23	7	30	0	0	0	0	0	0	0	0	0	0
16	X23227	Transporter, airmobile, hyd lift, for shelter and X-4 container	0	5	0	5	0	0	0	0	0	0	0	0	0	0
		Class VIIB–Troop Support														
17	C25757	Bridge, floating, raft sec, light, tac	0	0	0	0	0	0	0	2	2	0	0	0	2	2
18	E69242	Compressor, RCP, power drvn, air rec, gas drvn, 15 CFM, 175 PSI	0	1	0	1	1	0	0	0	1	1	0	0	0	1
19	E70064	Compressor, RCP, power drvn, trk, 2-whl, pneu tires, gas drvn, 5 CFM, 175 PSI	1	1	1	3	0	1	4	1	5	0	1	3	1	4
20	E70201	Compressor, RCP, power drvn, trk, 2-whl, gas drvn, 8 CFM, 175 PSI	0	1	1	2	0	0	0	0	0	0	0	0	0	0
21	E73626	Compressor, rotary, power drvn, whbrw frame, 2 pneu tires, gas drvn, 60 CFM, 6.5 PSI	0	0	0	0	0	0	0	2	2	0	0	0	2	2
22	G02204	Detecting set, mine, ptbl metallic and nonmetallic	0	0	0	0	4	13	52	3	59	5	13	39	3	47
23	G02341	Detecting set, mine, ptbl metallic (AN/PSS-11)	0	0	0	0	5	10	40	4	49	5	10	30	4	38
24	G32473	Diving equip set, 1 person scuba, open circuit	0	0	0	0	3	0	0	0	3	3	0	0	0	3
25	H38787	Ferry conversion set, raft, inf spt	0	0	0	0	0	0	0	2	2	0	0	0	2	2
26	H94824	Forward area refueling equip (FARE)	0	4	2	6	0	0	0	0	0	0	0	0	0	0
27	J36383	Generator set, dsl eng, tlr mtd, 30 kw, 60 hz, mtd on M200 PU-406	1	0	0	1	0	0	0	0	0	0	0	0	0	0
28	J42100	Generator set, gas eng, tlr mtd, 10 kw, 60 cy, 1 ph, AC 120/240V, PU-619/M	1	0	0	1	0	0	0	0	0	0	0	0	0	0
29	J43027	Generator set, gas eng, 0.5 kw, 400 hz, 1 ph, AC 120/240V, skd shk	2	0	0	2	0	0	0	0	0	0	0	0	0	0
30	J43918	Generator set, gas eng, 1.5 kw, 60 hz, 1 ph, 2 wire, AC 120V, shock, tac util	4	9	6	19	1	1	4	1	6	2	1	3	1	6

Table 2–B. Summary of Equipment–Combat Aviation Battalion, Infantry Division, Engineer Battalion, Armored and Mechanized Divisions (with Mobile Assault Bridge); Engineer Battalion, Infantry Division (with Mobile Assault Bridge)–Continued

1		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
			Cbt avn bn				Engr bn, armd and mech divs					Engr bn, inf div				
1	LIN	Nomenclature	HHC (57-56H)	Aslt hel co (57-57H)	Avn GS co (57-58H)	Bn total (57-55H)	HHC (5-146H)	Four cbt engr co (5-147H) (1)	(4)	Brg co (5-148H)	Bn total (5-145H)	HHC (5-156H)	Three cbt engr co (5-157H) (1)	(3)	Brg co (5-148H)	Bn total (5-155H)
31	J44055	Generator set, gas eng, 1.5 kw, DC 28V, shock, tac util	0	0	0	0	2	1	4	1	7	2	1	3	1	6
32	J45699	Generator set, gas eng, 3 kw, 60 hz, 1-3 ph, 120/240 120/208V, skid, tac util	1	0	0	1	3	3	12	1	16	3	3	9	1	13
33	J46110	Generator set, gas eng, 3 kw, DC 28V, skid-shock, tblr frame mtd, tac util	1	1	2	4	2	0	0	1	3	2	0	0	1	3
34	J47068	Generator set, gas eng, 5 kw, 60 hz, 1-3 ph, AC 120/240 120/208V, skid, tac util	1	4	2	7	0	0	0	0	0	0	0	0	0	0
35	J47617	Generator set, gas eng, tlr mtd, 5 kw, 60 hz, 2 ea, mtd on M116 PU-620	0	0	0	0	2	0	0	0	2	2	0	0	0	2
36	J49055	Generator set, gas eng, 7.5 kw, DC, 28.5V, whl mtd	0	4	2	6	0	0	0	0	0	0	0	0	0	0
37	J49398	Generator set, gas eng, 10 kw, 60 hz, 1-3 ph, AC 120/240 120/208V, tac util	0	0	0	0	5	0	0	0	5	5	0	0	0	5
38	J50151	Generator set, gas eng, 10 kw, 400 hz, 2 ea mtd on M103 PU-656	1	0	0	1	0	0	0	0	0	0	0	0	0	0
39	L43664	Launch, M60 series, tank chass, transporting, 40- and 60-ft brge, type cl-60	0	0	0	0	0	0	0	4	4	0	0	0	4	4
40	L64131	Light set, marker, emergency, afld runway, ptbl battery op	0	3	2	5	0	0	0	4	4	0	0	0	4	4
41	L85420	Lubricating svc unit, power op, tlr mtd, 15-cu ft, air compressor, gas drvn, wzd	0	0	0	0	1	0	0	0	1	1	0	0	0	1
42	P11866	Pneu tool and compressor outfit, 250 CFM, tlr mtd	0	0	0	0	1	1	4	0	5	1	1	3	0	4
43	P91756	Pump, cntrf, gas drvn, frame mtd, 1½-in, 65 gal per min, 50 ft hd	0	0	0	0	2	0	0	4	6	0	0	0	4	4
44	P96640	Pumping assembly, flammable liquid, bulk transfer	0	0	0	0	0	0	0	0	0	3	0	0	0	3
45	T10138	Shop equip, contact maint, trk mtd	0	0	0	0	1	0	0	1	2	1	0	0	1	2
46	T13152	Shop equip, org rep, light trk mtd	0	0	0	0	1	0	0	0	1	1	0	0	0	1
47	T17090	Shop set, acft maint, ambl, UH-1, co size, DS	0	1	0	1	0	0	0	0	0	0	0	0	0	0
48	V12141	Tank and pump unit, liquid dispensing, truck mounting	0	3	2	5	1	0	0	0	1	4	0	0	0	4
49	V19950	Tank unit, liquid dispensing, tlr mounting	0	3	2	5	1	0	0	0	1	4	0	0	0	4
50	W32593	Shop equip, auto maint and rep, OM common no 1, less power	1	1	1	3	0	1	4	1	5	0	1	3	1	4
51	W32730	Shop equip, auto maint and rep, OM common no 2, less power	0	0	0	0	1	0	0	0	1	1	0	0	0	1
52	W32867	Shop equip, auto maint, and rep, org suppl no 1, less power	0	1	1	2	0	0	0	0	0	0	0	0	0	0
53	W65747	Tool set, vehicle, full tracked, org maint suppl no 2, less power	0	0	0	0	1	0	0	0	1	1	0	0	0	1
54	Y35486	Water purif equip set, trk mtd, diatomite filter, 1,500 gal per hr (Army)	0	0	0	0	5	0	0	0	5	5	0	0	0	5
		Class VIIG–Electronics														
55	A27159	Air traffic control facility, AN/TSQ-97	1	0	0	1	0	0	0	0	0	0	0	0	0	0
56	A28833	Aircraft control, central, AN/TSQ-70, less power	1	0	0	1	0	0	0	0	0	0	0	0	0	0
57	851099	Beacon set, radio, AN/TRN-30(V)2	2	0	0	2	0	0	0	0	0	0	0	0	0	0
58	867423	Binocular, electronic, AN/PAS-5	0	0	0	0	0	4	16	0	16	0	0	0	0	0
59	H76352	Flight coordination, central, AN/TSC-61, less power	1	0	0	1	0	0	0	0	0	0	0	0	0	0
60	L36402	Landing control, central, AN/TSQ-71, less power	1	0	0	1	0	0	0	0	0	0	0	0	0	0

Table 2–8. Summary of Equipment–Combat Aviation Battalion, Infantry Division, Engineer Battalion, Armored and Mechanized Divisions (with Mobile Assault Bridge); Engineer Battalion, Infantry Division (with Mobile Assault Bridge)–Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
		Cbt avn bn				Engr bn, armd and mech divs					Engr bn, inf div				
1	LIN	Nomenclature	HHC (57-56H)	Aslt hel co (57-57H)	Avn GS co (57-58H)	Bn total (57-55H)	HHC (5-146H)	Four cbt engr co (5-147H) (1)	(4)	Brg co (5-148H)	Bn total (5-145H)	HHC (5-156H)	Three cbt engr co (5-157H) (1)	(3)	Brg co (5-148H)	Bn tota (5-155.
61	N04456	Night vision goggles, AN/PVS-5	0	104	21	125	0	0	0	0	0	0	0	0	0	0
62	N04730	Night vision sight, individual, served weapon, AN/PVS-2	0	0	0	0	3	9	36	0	39	3	9	27	0	30
63	Q34308	Radio set, AN/GRC-160	0	0	1	1	0	9	36	10	46	0	12	36	10	46
64	Q38299	Radio set, AN/PRC-77	2	10	6	18	5	1	4	0	9	5	4	12	0	17
65	Q38335	Radio set, AN/PRC-90	0	58	26	84	0	0	0	0	0	0	0	0	0	0
66	Q50421	Radio set, AN/VRC-24	0	1	1	2	0	0	0	0	0	0	0	0	0	0
67	Q53001	Radio set, AN/VRC-46	1	0	0	1	6	1	4	1	11	5	1	3	1	10
68	Q54174	Radio set, AN/VRC-47	3	2	2	7	7	3	12	4	23	4	1	3	4	10
69	Q55114	Radio set, AN/VRC-49	0	0	0	0	1	1	4	0	5	1	0	0	0	1
70	Q56783	Radio set, AN/VRC-64	0	0	0	0	2	2	8	20	30	0	1	3	20	23
71	Q78282	Radio set, control group, AN/GRA-39	3	2	3	8	2	1	4	1	7	2	1	3	1	10
72	Q90120	Radio teletypewriter set, AN/GRC-142	0	0	0	0	2	0	0	0	2	2	0	0	0	2
73	U81707	Switchboard, telephone, manual, SB-22/PT	2	1	1	4	2	1	4	1	7	2	1	3	1	6
74	V30252	Telephone set, TA-1/PT	0	0	0	0	0	12	48	4	52	0	12	36	4	40
75	V31211	Telephone set, TA-312/PT	18	14	11	43	19	7	28	5	52	19	7	21	5	45
76	V36146	Teletypewriter, AN/UGC-74(V)3	1	0	0	1	0	0	0	0	0	0	0	0	0	0
77	V57914	Terminal, telegraph-telephone, AN/TCC-29	1	0	0	1	0	0	0	0	0	0	0	0	0	0
		Class VIIK–Tactical Vehicles														
78	E56578	Cbt eng veh, full tracked	0	0	0	0	0	2	8	0	8	0	1	3	0	3
79	S70517	Semitrailer, low bed, 25-ton, 4-wheel, WE	0	0	0	0	3	1	4	3	10	3	2	6	3	12
80	S74832	Semitrailer, van, repair parts, storage, 6-ton, 4-wheel, WE	0	0	0	0	1	0	0	0	1	1	0	0	0	1
81	W95263	Trailer, cable, reel, 3½-ton, 2-wheel, WE	0	0	0	0	0	0	0	2	2	0	0	0	2	2
82	W95400	Trailer, cargo, ¼-ton, 2-wheel, WE	6	1	3	10	8	1	4	6	18	7	1	3	6	16
83	W95537	Trailer, cargo, ¾-ton, 2-wheel, WE	6	5	8	19	3	0	0	0	3	3	0	0	0	3
84	W95811	Trailer, cargo, 1½-ton, 2-wheel, WE	0	5	3	8	14	11	44	8	66	13	2	6	8	27
85	W98825	Trailer, tank, water, 400-gal, 1½-ton, 2-wheel, WE	0	1	1	2	1	1	4	1	6	1	1	3	1	5
86	X38639	Truck, ambulance, ¼-ton, 4x4, WE	1	0	0	1	1	0	0	0	1	1	0	0	0	1
87	X39735	Truck, cargo, ¾-ton, 4x4, WE	7	5	8	20	5	0	0	0	5	6	0	0	0	6
88	X39872	Truck, cargo, ¾-ton, 4x4, w/winch, WE	0	1	0	1	0	0	0	0	0	0	0	0	0	0
89	X39940	Truck, cargo, 1¼-ton, 6x6, WE	0	0	0	0	6	3	12	1	19	6	4	12	1	19
90	X40009	Truck, cargo, 2½-ton, 6x6, WE	3	2	0	5	10	3	12	12	34	5	2	6	12	23
91	X40146	Truck, cargo, 2½-ton, 6x6, w/winch, WE	1	0	1	2	0	0	0	3	3	0	1	3	3	6
92	X40831	Truck, cargo, 5-ton, 6x6, lwb, WE	0	3	2	5	0	0	0	0	0	0	0	0	0	0
93	X40931	Truck, cargo, drop side, 5-ton, 6x6, w/winch, WE	0	0	0	0	1	0	0	0	1	1	0	0	0	1
94	X41310	Truck, cargo, 5-ton, 8x8, WE	0	0	0	0	1	0	0	0	1	4	0	0	0	4
95	X43708	Truck, dump, 5-ton, 6x6, WE	0	0	0	0	4	3	12	0	16	4	10	30	0	34
96	X43845	Truck, dump, 5-ton, 6x6, w/winch, WE	0	0	0	0	2	1	4	0	6	2	3	9	0	11
97	X58078	Truck, tank, fuel servicing, 2,500-gal, 4x4, WE	0	0	0	0	4	0	0	0	4	1	0	0	0	1
98	X59326	Truck, tractor, 5-ton, 6x6, WE	0	0	0	0	1	0	0	0	1	1	0	0	0	1
99	X59874	Truck, tractor, 10-ton, 6x6, w/midship winch, w/low mtd 5th whl, WE	0	0	0	0	3	1	4	3	10	3	2	6	3	12
100	X60696	Truck, tractor, wrecker, 5-ton, 6x6, w/winch, WE	0	1	0	1	0	0	0	0	0	0	0	0	0	0
101	X60833	Truck, util, ¼-ton, 4x4, WE	6	1	3	10	9	1	4	6	19	9	1	3	6	18
102	X62340	Truck, van, shop, 2½-ton, 6x6, WE	0	0	0	0	1	0	0	0	1	1	0	0	0	1

Table 2–8. Summary of Equipment–Combat Aviation Battalion, Infantry Division, Engineer Battalion, Armored and Mechanized Divisions (with Mobile Assault Bridge); Engineer Battalion, Infantry Division (with Mobile Assault Bridge)–Continued

1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16
			Cbt avn bn				*Engr bn, armd and mech divs*					*Engr bn, inf div*				
1	*LIN*	*Nomenclature*	*HHC (57-56H)*	*Aslt hel co (57-57H)*	*Avn GS co (57-58H)*	*Bn total (57-55H)*	*HHC (5-146H)*	*Four cbt engr co (5-147H) (1)*	*(4)*	*8rg co (5-148H)*	*Bn total (5-145H)*	*HHC (5-156H)*	*Three cbt engr co (5-157H) (1)*	*(3)*	*Brg co (5-148H)*	*8n total (5-155H)*
103	X63299	Truck, wrecker, 5-ton, 6x6, w/winch, WE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
104	X63436	Truck, wrecker, 10-ton, 4x4, WE	0	0	0	0	1	0	0	0	1	1	0	0	0	1
		Class VIIM–Weapons														
105	A90118	Armament subsystem, helicopter, 7.62-mm machinegun, light	0	23	7	30	0	0	0	0	0	0	0	0	0	0
106	L44174	Launcher, grenade, acft, 40-mm, left or right hand feed	0	6	0	6	0	0	0	0	0	0	0	0	0	0
107	L44595	Launcher, grenade, 40-mm, single shot, rifle mtd, detachable, WE	6	6	6	18	6	18	72	8	86	10	18	54	8	72
108	L45063	Launcher, rocket, aircraft, 2.75 inch, 19 tube	0	12	0	12	0	0	0	0	0	0	0	0	0	0
109	L45058	Launcher, rocket, aircraft, 2.75-in, 19-tube	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110	L45016	Launcher, rocket, aircraft, 2 75 inch	0	12	0	12	0	0	0	0	0	0	0	0	0	0
111	L91838	Machinegun, cal .50, hb, flexible, veh mtd	0	0	0	0	2	10	40	0	42	1	0	0	0	1
112	L91975	Machinegun, cal 50, hb, flexible, for ground use	0	0	0	0	0	0	0	0	0	0	1	3	0	3
113	L92260	Machinegun, 7.62-mm, aircraft, light door mtd	0	46	14	60	0	0	0	0	0	0	0	0	0	0
114	L92323	Machinegun, 7.62-mm, 6 barrels	0	6	0	6	0	0	0	0	0	0	0	0	0	0
115	L92386	Machinegun, 7.62-mm, light, flexible	4	4	4	12	3	3	12	0	15	3	6	18	0	21
116	M75577	Mount, tripod, machinegun, heavy, cal .50	0	0	0	0	0	10	40	0	40	0	1	3	0	3
117	M75714	Mount, tripod, machinegun, 7.62-mm	4	4	4	12	3	3	12	0	15	3	6	18	0	21
118	N96741	Pistol, cal .45, automatic	0	0	0	0	26	9	36	9	71	22	5	15	9	46
119	R91244	Revolver, cal .38, special, 4-in barrel	18	88	34	140	0	0	0	0	0	0	0	0	0	0
120	R94977	Rifle, 5.56-mm, WE	83	113	48	244	171	145	580	142	893	162	144	432	142	710
121	U56346	Submachinegun, cal .45	0	0	0	0	4	0	0	0	4	2	0	0	0	2
		Class VIIO–Combat Vehicles														
122	D11538	Carrier, command post, light tracked	0	0	0	0	3	0	0	0	3	0	0	0	0	0
123	D12087	Carrier, personnel, full tracked, armored	0	0	0	0	0	10	40	0	40	0	0	0	0	0
124	R50681	Recovery vehicle, full tracked, medium	0	0	0	0	2	0	0	0	2	1	0	0	0	1
		Class VIIQ–Marine Equipment														
125	B83856	Boat, landing, inflatable, assault craft, nylon cloth, 15-man	0	0	0	0	0	0	0	18	18	0	0	0	18	18
126	B84404	Boat, reconnaissance, pneu, 3-man	0	0	0	0	3	4	16	12	31	3	4	12	12	27
		Class VIIU–COMSEC Materiel														
127	E45766	Code changer key, KIK-18/TSEC	0	8	4	12	0	0	0	0	0	0	0	0	0	0
128	E45820	Code changer key, KYK-28/TSEC	2	11	4	17	3	1	4	1	8	3	1	3	1	7
129	H02300	Electronic teletypewriter security equipment, TSEC/KW-7	1	0	0	1	2	0	0	0	2	2	0	0	0	2
130	P38588	Power supply, PP-2953/V	3	3	4	10	0	0	0	0	0	0	0	0	0	0
131	P43177	Power supply assembly, vehicular, Z-ACD	3	2	2	7	13	2	8	2	23	9	2	6	2	17
132	U01295	Speech security equipment, airborne, TSEC/KY-28	0	29	25	54	0	0	0	0	0	0	0	0	0	0
133	U01305	Speech security equipment, TSEC/KY-38	4	2	2	8	13	2	8	2	23	9	2	6	2	17
134	V08721	Tactical digital regenerative repeater, portable, HYL-3/TSEC	0	0	0	0	1	0	0	0	1	1	0	0	0	1
		Class VIIW–Ground: Construction and MHE														
135	C20414	Bridge, armor veh launch, scissor type, cl-60, alum, 60-ft length of span	0	0	0	0	0	0	0	6	6	0	0	0	6	6

Table 2–8. Summary of Equipment–Combat Aviation Battalion, Infantry Division, Engineer Battalion, Armored and Mechanized Divisions (with Mobile Assault Bridge); Engineer Battalion, Infantry Division (with Mobile Assault Bridge)–Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
		Cbt avn bn				*Engr bn, armd and mech divs*					*Engr bn, inf div*				
1	*LIN*	*Nomenclature*	*HHC (57-56H)*	*Aslt hel co (57-57H)*	*Avn GS co (57-58H)*	*Bn total (57-55H)*	*HHC (5-146H)*	*Four cbt engr co (5-147H) (1)*	*(4)*	*Brg co (5-148H)*	*Bn total (5-145H)*	*HHC (5-156H)*	*Three cbt engr co (5-157H) (1)*	*(3)*	*Brg co (5-148H)*	*Bn total (5-155H)*
136	F39378	Crane, wheel mtd, 20-ton, w/boom crane, 30-ft, w/block and tackle, 20-ton	0	0	0	0	2	0	0	1	3	2	0	0	1	3
137	H32869	Fairlead roller and sheave, 12½-ton crane shovel, crlr, 20-ton crane-shovel trk	0	0	0	0	1	0	0	0	1	1	0	0	0	1
138	J74852	Grader, road, motorized, dsl drvn, hv, 6x4, front-whl steer	0	0	0	0	4	0	0	0	4	4	0	0	0	4
139	V09730	Tagline crane and crane-shovel, ¾ to 1 cu yd bucket	0	0	0	0	2	0	0	0	2	2	0	0	0	2
140	W76816	Tractor, full-tracked, low speed dsl, medium dbp, w/ bulldozer w/scarif winch	0	0	0	0	3	1	4	1	8	3	2	6	1	10
141	X48914	Truck, lift, fork, dsl drvn, 6,000 lb cap, rough terrain	0	1	0	1	1	0	0	0	1	1	0	0	0	1

Table 2–9. Summary of Equipment–Signal Battalion, Armored, Infantry, and Mechanized Divisions

1	1 LIN	2 Nomenclature	3 HHC (11-36H)	4 Comd op co (11-37H)	5 Fwd comm co (11-38H)	6 Spt op co (11-39H)	7 Bn total (11-35H)
		Class IIG–Electronics					
2	C68719	Cable, telephone, WO-1/TT, OR-8 1,320 ft	12	12	30	7	61
3	C68856	Cable, telephone, WD-1/TT, RL-159/U 5,280 ft	0	24	60	25	109
4	R30662	Receiver-transmitter, control, group, AN/GRA-6	0	2	0	0	2
		Class VIIB–Troop Support					
5	E69242	Compressor, RCP, power drvn, air rec, gas drvn, 15 CFM, 175 PSI	1	0	0	0	1
6	E70064	Compressor, RCP, power drvn, trk, 2-whl, pneu tires, gas drvn, 5 CFM, 175 PSI	0	1	1	1	3
7	G02204	Detecting set, mine, ptbl metallic and nonmetallic	0	2	2	3	7
8	G02341	Detecting set, mine, ptbl, metallic (AN/PSS-11)	0	4	4	5	13
9	J35492	Generator set, dsl eng, tlr mtd, 15 kw, 60 hz, mtd on M200 PU-405	1	0	0	0	1
10	J42100	Generator set, gas eng, tlr mtd, 10 kw, 60 cy, 1 ph, AC 120/240V, PU-619/M	4	3	0	0	7
11	J43918	Generator set, gas eng, 1.5 kw, 60 hz, 1 ph, 2 wire, AC 120V, shock, tac util	5	0	0	2	7
12	J44055	Generator set, gas eng, 1.5 kw, DC 28V, shock, tac util	0	4	0	0	4
13	J46110	Generator set, gas eng, 3 kw, DC 28V, skid-shock, tblr frame mtd, tac util	2	0	0	0	2
14	J46258	Generator set, gas eng, tlr mtd, 3 kw, 60 hz, 2 ea, mtd on M101 PU-628	0	4	6	4	14
15	J46384	Generator set, gas eng, tlr mtd, 3 kw, 60 hz, 2 ea, mtd on M101 PU-617	4	5	6	2	17
16	J47617	Generator set, gas eng, tlr mtd, 5 kw, 60 hz, 2 ea, mtd on M116 PU-620	0	4	6	2	12
17	V12141	Tank and pump unit, liquid dispensing, truck mounting	1	0	0	0	1
18	V19950	Tank, unit, liquid dispensing, tlr mounting	1	0	0	0	1
19	W32593	Shop equip, auto maint and rep, om common no 1, less power	0	1	1	1	3
20	W32730	Shop equip, auto maint and rep, om common no 2, less power	1	0	0	0	1
		Class VIIG–Electronics					
21	Q32756	Radio set, AN/GRC-106	0	2	0	0	2
22	Q53001	Radio set, AN/VRC-46	2	6	3	9	20
23	Q54174	Radio set, AN/VRC-47	4	1	1	1	7
24	Q55114	Radio set, AN/VRC-49	0	2	3	1	6
25	Q78282	Radio set, control group, AN/GRA-39	2	6	3	1	12
26	Q90120	Radio teletypewriter set, AN/GRC-142	0	4	6	2	12
27	U81707	Switchboard, telephone, manual, SB-22/PT	3	0	3	1	7
28	V31211	Telephone set, TA-312/PT	17	120	72	76	285
29	V57914	Terminal, telegraph-telephone, AN/TCC-29	6	0	0	0	6
		Class VIIK–Tactical Vehicles					
30	W95400	Trailer, cargo, ¼-ton, 2-wheel, WE	9	4	1	4	18
31	W95537	Trailer, cargo, ¾-ton, 2-wheel, WE	5	5	1	5	16
32	W95811	Trailer, cargo, 1½-ton, 2-wheel, WE	4	1	4	9	18
33	W98825	Trailer, tank, water, 400-gal, 1½-ton, 2-wheel, WE	1	1	1	1	4
34	X39735	Truck, cargo, ¾-ton, 4x4, WE	9	12	0	6	27
35	X39883	Truck, cargo, 1¼-ton, 4x4, WE	0	23	0	13	36
36	X39940	Truck, cargo, 1¼-ton, 6x6, WE	0	0	40	0	40
37	X40009	Truck, cargo, 2½-ton, 6x6, WE	15	11	1	2	29
38	X40146	Truck, cargo, 2½-ton, 6x6, w/winch, WE	0	3	4	9	16
39	X60833	Truck, util, ¼-ton, 4x4, WE	9	7	4	5	25
40	X62237	Truck, van, expansible, 5-ton, 6x6, WE	1	0	0	0	1
41	X63299	Truck, wrecker, 5-ton, 6x6, w/winch, WE	1	0	0	0	1
		Class VIIM–Weapons					
42	L44595	Launcher, grenade, 40-mm, single shot rifle, mtd, detachable, WE	1	4	1	2	8
43	L92386	Machinegun, 7.62-mm, light, flexible	3	2	4	1	10
44	M75714	Mount, tripod machinegun, 7.62-mm	3	2	4	1	10
45	N96741	Pistol, cal .45, automatic	9	1	1	1	12
46	R94977	Rifle, 5.56-mm, WE	87	197	162	152	598

Table 2–9. Summary of Equipment–Signal Battalion, Armored, Infantry, and Mechanized Divisions–Continued

1	2	3	4	5	6	7
1	*LIN*	*Nomenclature*	*HHC (11-36H)*	*Comd op co (11-37H)*	*Fwd comm co (11-38H)*	*Spt op co (11-39H)*	*Bn total (11-35H)*
		Class VIIU–COMSEC Materiel					
47	E45820	Code changer key, KYK-28/TSEC	2	2	4	1	9
48	H02300	Electronic teletypewriter security, equip, TSEC/KW-7	10	22	12	6	50
49	P43177	Power supply, assembly, vehicular, Z-ACD	6	7	4	2	19
50	U01305	Speech security equipment, TSEC/KY-38	6	7	4	2	19
51	V08721	Tactical digital regenerative repeater, portable, HYL-3/TSEC	0	2	3	1	6

Table 2–10. Summary of Equipment–Division Support Command, Armored, Infantry, and Mechanized Divisions

1		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
								S&T bn			Maint bn					
1.	*LIN*	*Nomenclature*	*HHC (29-2H)*	*DMMC (29-3H)*	*AG co (12-17H)*	*Fin co (14-37H)*	*Med bn (8-35H)*	*Inf div (29-5H)*	*Armd div (29-115H)*	*Mech div (29-65H)*	*Inf div (29-15H)*	*Armd div (29-35H)*	*Mech div (29-25H)*	*Inf DISCOM total (29-1H)*	*Armd DISCOM total (29-21H)*	*Mech DISCOM total (29-11H)*
		Class IIA–Air														
2	A21383	Aerial recovery kit for Army acft	0	0	0	0	0	0	0	0	2	2	2	2	2	2
		Class IIB–Troop Support														
3	K39774	Hoisting unit, truck mounting org, maint set no 7	0	0	0	0	1	0	0	0	0	0	0	1	1	1
4	L64542	Light set, op area, acft, ½ kw, heliport (Army)	0	0	0	0	0	0	0	0	1	1	1	1	1	1
5	W32867	Shop equip, auto maint and rep, org sup no 1, less power	1	0	0	0	0	1	1	1	6	6	6	8	8	8
6	Z13157	Card punch machine, ADPE	0	4	3	0	0	0	0	0	0	0	0	7	7	7
7	Z74660	Sorter, ADPE	0	1	1	0	0	0	0	0	0	0	0	2	2	2
8	F77651	CS3, Data analysis central, OL-88(V) 1/MYK-8(V)	1	0	0	0	0	0	0	0	0	0	0	1	1	1
9	F77918	CS3, Data storage group, OL-89(V) 1/MYK-8(V)	1	0	0	0	0	0	0	0	0	0	0	1	1	1
10	F77964	CS3, Data support facility, mobile, V-460/ MYK-8(V)	1	0	0	0	0	0	0	0	0	0	0	1	1	1
11	M57481	CS3, Maintenance shop facility, mobile V-452/ MYK-8(V)	1	0	0	0	0	0	0	0	0	0	0	1	1	1
12	U43735	CS3, Storage facility, mobile, V-483/MYK-8(V)	1	0	0	0	0	0	0	0	0	0	0	1	1	1
13	J35801	CS3, Generator, diesel engine, 100 kw, 60 hz, mounted on M353, PU-495	2	0	0	0	0	0	0	0	0	0	0	2	2	2
14	X59326	CS3, Truck, tractor, 5 ton, 6x6, WE, M818	2	0	0	0	0	0	0	0	0	0	0	2	2	2
		Class IIE–General Supply														
15	G68966	Drum, fabric, collapsible, liquid fuel, 500-gal capacity	0	0	0	0	0	27	27	27	0	0	0	27	27	27
		Class IIG–Electronics														
16	C68719	Cable, telephone, WO-1/TT, OR-8, 1,320 ft	0	2	5	2	0	10	10	10	9	9	9	28	28	28
17	C68856	Cable, telephone, WD-1/TT, RL-159/U, 5,280 ft	0	0	0	0	11	6	6	6	12	14	14	29	31	31
18	U82529	Switchboard, telephone, manual, SB-993/GT	0	0	0	0	4	0	0	0	0	4	1	4	8	5
19	V30937	Telephone set, TA-264/PT	0	0	0	0	5	0	0	0	0	0	0	5	5	5
		Class VIIA–Air														
20	K31795	Helicopter, utility, UH-1H	0	0	0	0	0	0	0	0	1	1	1	1	1	1
21	W93995	Trailer, acft maint, ambl, 4-wheeled, 30/48-in, trf rail system	0	0	0	0	0	0	0	0	6	6	6	6	6	6
22	X23227	Transporter, ambl, hyd lift, for shelter and X-4 container	0	0	0	0	0	0	0	0	2	0	0	2	0	0
		Class VIIB–Troop Support														
23	E67735	Compressor, RCP, power drvn, base AC 115V, 60 cy, 1 ph, 1.5 CFM, 50 PSI	0	0	0	0	0	0	0	0	4	3	4	4	3	4
24	E69242	Compressor, RCP, power drvn, air rec, gas drvn, 15 CFM, 175 PSI	0	0	0	0	1	1	1	1	2	3	3	4	5	5
25	E70064	Compressor, RCP, power drvn, trk 2-whl, pneu tires, gas drvn, 5 CFM, 175 PSI	1	0	0	0	4	1	1	1	6	6	6	12	12	12
26	E70817	Compressor, RCP, power drvn, air whl, gas drvn, 4 CFM, 3,000 PSI	0	0	0	0	0	0	0	0	1	1	1	1	1	1
27	E73626	Compressor, RTY, power drvn, air whbrw frame 2 pnu tire, gas drvn, 60 CFM, 6.5 PSI	0	0	0	0	0	0	0	0	3	3	3	3	3	3
28	G02204	Detecting set, mine, ptbl, metallic and nonmetallic	0	0	0	0	4	0	0	0	2	2	2	6	6	6

Table 2–10. Summary of Equipment–Division Support Command, Armored, Infantry, and Mechanized Divisions–Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
							S&T bn			Maint bn					
1	*LIN*	*Nomenclature*	*HHC (29-2H)*	*DMMC (29-3H)*	*AG co (12-17H)*	*Fin co (14-37H)*	*Med bn (8-35H)*	*Inf div (29-5H)*	*Armd div (29-115H)*	*Mech div (29-65H)*	*Inf div (29-15H)*	*Armd div (29-35H)*	*Mech div (29-25H)*	*Inf DISCOM total (29-1H)*	*Armd DISCOM total (29-21H)*	*Mech DISCOM total (29-11H)*
29	G02341	Detecting set, mine, ptbl, metallic (AN/PSS-11)	0	0	0	0	4	0	0	0	2	2	2	6	6	6
30	H94824	Forward area refueling equipment (FARE)	1	0	0	0	0	3	3	3	0	0	0	4	4	4
31	J04716	Fuel system, supply point, ptbl, 60,000 gal cap	0	0	0	0	0	1	1	1	0	0	0	1	1	1
32	J35492	Generator set, dsl eng, 15 kw, 60 hz, mtd on M200 PU405	0	0	1	0	0	0	0	0	0	0	0	1	1	1
33	J35629	Generator set, dsl eng, tlr mtd, 60 kw, 60 hz, mtd on M200 PU-650	0	0	0	0	0	0	0	0	4	4	0	4	4	0
34	J35835	Generator set, dsl eng, 15 kw, 60 hz, 3 ph, AC 120/208, 240/416V, skid, tac util	0	1	0	0	0	0	0	0	1	1	1	2	2	2
35	J36109	Generator set, dsl eng, 30 kw, 60 hz, 3 ph, AC 120/208, 240/416V, 50 hz, tac util	0	1	0	0	0	0	0	0	3	0	0	4	1	1
36	J36383	Generator set, dsl eng, tlr mtd, 30 kw, 60 hz, mtd on M200 PU-406	0	0	1	0	0	0	0	0	3	1	1	4	2	2
37	J38301	Generator set, dsl eng, 60 kw, 60 hz, 3 ph, AC, 120/208, 240/416V, 50 hz, tac util	0	0	0	0	0	0	0	0	1	4	8	1	4	8
38	J42976	Generator set, gas eng, 0.5 kw, 60 cy, 1 ph, AC 120/240V, shock mtd	0	0	0	0	0	0	0	0	1	1	1	1	1	1
39	J43918	Generator set, gas eng, 1.5 kw, 60 hz, 1 ph, 2 wire, AC 120V, shock, tac util	4	0	1	0	3	10	10	10	27	24	28	45	42	46
40	J44055	Generator set, gas eng, 1.5 kw, DC 28V, shock, tac util	0	0	0	0	11	0	0	0	2	1	1	13	12	12
41	J45699	Generator set, gas eng, 3 kw, 60 hz, 1-3 ph, 1-20/240, 120/208V, skid, tac util	0	0	0	0	0	3	3	3	0	0	0	3	3	3
42	J45836	Generator set, gas eng, 3 kw, 400 hz, 1-3 ph, AC 120/208/240V, tac util	0	0	0	0	0	0	0	0	1	0	1	1	0	1
43	J46110	Generator set, gas eng, 3 kw, DC 28V, skid-shock, tblr frame mtd, tac util	1	0	0	0	2	3	3	3	11	10	11	17	16	17
44	J47068	Generator set, gas eng, 5 kw, 60 hz, 1-3 ph, AC 120/240, 120/208V, skid, tac util	0	0	0	1	0	0	0	0	7	6	9	8	7	10
45	J49055	Generator sat, gas eng, 7.5 kw, DC 28.5 V, whl mtd	0	0	0	0	0	0	0	0	2	3	3	2	3	3
46	J49398	Generator set, gas eng, 10 kw, 60 hz, 1-3 ph, AC 120/240, 120/208V, tac util	0	0	0	3	12	0	0	0	8	5	6	23	20	21
47	J49809	Generator set, gas eng, tlr mtd, 10 kw, 60 hz, mtd on M101 PU-332	0	0	0	0	0	0	0	0	6	9	9	6	9	9
48	T10138	Shop equip, contact maint, trk mtd	0	0	0	0	0	0	0	0	11	11	11	11	11	11
49	T10275	Shop equip, elec rep stlr mtd, Army	0	0	0	0	0	0	0	0	1	1	1	1	1	1
50	T10412	Shop equip, elec rep stlr mtd, Army	0	0	0	0	0	0	0	0	1	1	4	1	1	4
51	V12141	Tank and pump unit, liquid dispensing, truck-mounting	0	0	0	0	0	5	6	6	1	2	2	6	8	8
52	V19950	Tank unit, liquid dispensing, trailer mounting	0	0	0	0	0	5	4	4	3	1	1	8	5	5
53	V71450	Test set, computer logic unit	0	0	0	0	0	0	0	0	1	1	1	1	1	1
54	W07701	Theodolite, survey, direct, 0.002-mil, 30 porm, 5 power, detachable tribrch	0	0	0	0	0	0	0	0	1	1	4	1	1	4
55	W32593	Shop equipment, auto main and rep, OM common no 1, less power	1	0	0	0	4	1	1	1	6	6	6	12	12	12
56	W32730	Shop equipment, auto maint and rep, OM common no 2, less power	0	0	0	0	1	1	1	1	0	0	0	2	2	2

Table 2–10. Summary of Equipment–Division Support Command, Armored, Infantry, and Mechanized Divisions–Continued

1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16
								S&T bn			Maint bn					
1	*LIN*	*Nomenclature*	*HHC (29-2H)*	*DMMC (29-3H)*	*AG co (12-17H)*	*Fin co (14-37H)*	*Med bn (8-35H)*	*Inf div (29-5H)*	*Armd div (29-115H)*	*Mech div (29-65H)*	*Inf div (29-15H)*	*Armd div (29-35H)*	*Mech div (29-25H)*	*Inf DISCOM total (29-1H)*	*Armd DISCOM total (29-21H)*	*Mech DISCOM total (29-11H)*
		Class VIIG–Electronics														
57	Q34308	Radio set, AN/GRC-160	1	0	0	0	0	0	0	0	0	0	0	1	1	1
58	Q38335	Radio set, AN/PRC-90	0	0	0	0	0	0	0	0	2	2	2	2	2	2
59	Q53001	Radio set, AN/VRC-46	2	4	0	0	2	8	8	8	7	6	6	23	22	22
60	Q54174	Radio set, AN/VRC-47	2	0	0	0	10	2	2	2	5	5	5	19	19	19
61	Q56783	Radio set, AN/VRC-64	0	0	0	0	0	4	4	4	1	1	1	5	5	5
62	Q78282	Radio set, control group, AN/GRA-39	0	2	0	0	7	3	3	3	1	1	1	13	13	13
63	U81707	Switchboard, telephone, manual, S8-22/PT	1	2	2	1	1	4	4	4	6	2	5	17	13	16
64	V30252	Telephone set, TA-1/PT	0	0	0	0	0	0	0	0	0	0	0	10	10	10
65	V31211	Telephone set, TA-312/PT	16	18	13	12	24	32	32	32	63	42	56	178	157	171
		Class VIIK–Tactical vehicles														
66	E02670	Chassis, trailer, general purpose, 3½-ton, 2-wheel, WE	0	0	0	0	0	0	0	0	1	1	1	1	1	1
67	E02807	Chassis, trailer, generator, 2½-ton, 2-wheel, WE	0	2	0	0	0	0	0	0	3	0	0	5	2	2
68	K90188	Instrument repair shop, truck mtd, 2½-ton, 6x6, WE	0	0	0	0	0	0	0	0	6	6	6	6	6	6
69	S70243	Semitrailer, low bed, wrecker, 12-ton, 4-wheel, 40-ft, WE	0	0	0	0	0	0	0	0	1	1	1	1	1	1
70	S72024	Semitrailer, stake, 12-ton, 4-wheel, WE	0	0	0	0	0	21	21	21	17	16	16	38	37	37
71	S72983	Semitrailer, tank, fuel servicing, 5,000 gal, 12-ton, 4-wheel, WE	0	0	0	0	0	12	30	25	0	0	0	12	30	25
72	S74079	Semitrailer, van, cargo, 12-ton, 4-wheel, WE	0	0	0	0	0	0	0	0	9	7	7	9	7	7
73	S74490	Semitrailer, van, expansible 6-ton, 4-wheel (Army)	0	1	1	0	0	0	0	0	1	0	0	3	2	2
74	S74832	Semitrailer, van, repair parts storage, 6-ton, 4-wheel, WE	0	0	0	0	0	0	0	0	14	18	18	14	18	18
75	W95400	Trailer, cargo, ¼-ton, 2-wheel, WE	8	0	4	1	23	12	12	12	17	30	18	65	78	66
76	W95537	Trailer, cargo, ¾-ton, 2-wheel, WE	1	0	2	0	8	3	3	3	8	7	7	22	21	21
77	W95811	Trailer, cargo, 1½-ton, 2-wheel, WE	2	0	2	1	27	71	69	69	65	76	71	168	177	172
78	W98825	Trailer, tank, water, 400-gal, 1½-ton, 2-wheel, WE	1	1	1	0	8	2	2	2	6	6	6	19	19	19
79	X38776	Truck, ambulance, ¾-ton, 4x4, WE	0	0	0	0	32	0	0	0	0	0	0	32	32	32
80	X39432	Truck, cargo, 1¼-ton, 4x4, WE	0	0	2	0	0	0	0	0	0	0	0	2	2	2
81	X39735	Truck, cargo, ¾-ton, 4x4, WE	2	4	0	0	8	9	9	9	6	9	9	29	32	32
82	X39872	Truck, cargo, ¾-ton, 4x4, w/winch, WE	0	0	0	0	0	0	0	0	2	0	0	2	0	0
83	X40009	Truck, cargo, 2½-ton, 6x6, WE	2	1	1	1	30	73	72	72	34	50	44	142	157	151
84	X40146	Truck, cargo, 2½-ton, 6x6, w/winch, WE	1	0	0	0	5	1	1	1	12	4	7	19	11	14
85	X40794	Truck, cargo, drop side, 5-ton, 6x6, WE	0	0	0	0	0	5	6	6	0	0	0	5	6	6
86	X40831	Truck, cargo, 5-ton, 6x6, lwb, WE	0	0	0	0	0	0	0	0	1	1	2	1	1	2
87	X55627	Truck, platform, utility, ½-ton, 4x4, WE	0	0	0	0	0	0	0	0	6	0	0	6	0	0
88	X58367	Truck, tank, water, 1,000-gal, 2½-ton, 6x6, WE	0	0	0	0	0	0	0	0	1	0	0	1	0	0
89	X59052	Truck, tractor, 2½-ton, 6x6, WE	0	0	0	0	0	0	0	0	1	1	1	1	1	1
90	X59326	Truck, tractor, 5-ton, 6x6, WE	2	0	0	0	0	23	41	36	35	32	32	60	75	70
91	X59463	Truck, tractor, 5-ton, 6x6, w/winch, WE	0	0	0	0	0	0	0	0	1	1	1	1	1	1
92	X60696	Truck, tractor, wrecker, 5-ton, 6x6, w/winch, WE	0	0	0	0	0	0	0	0	1	1	1	1	1	1
93	X60833	Truck, utility, ¼-ton, 4x4, WE	8	5	5	1	23	12	12	12	18	18	18	72	72	72
94	X62237	Truck, van, expansible, 5-ton, 6x6, WE	0	0	1	0	0	0	0	0	0	0	0	1	1	1
95	X62340	Truck, van, shop, 2½-ton, 6x6, WE	0	0	2	0	0	0	0	0	37	35	32	39	37	34
96	X63299	Truck, wrecker, 5-ton, 6x6, w/winch, WE	0	0	0	0	0	3	3	3	2	2	2	5	5	5
97	X83436	Truck, wrecker, 10-ton, 4x4, WE	0	0	0	0	0	0	0	0	3	6	6	3	6	6

Table 2—10. Summary of Equipment—Division Support Command, Armored, Infantry, and Mechanized Divisions—Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
							S&T bn			Maint bn					
1	*LIN*	*Nomenclature*	*HHC (29-2H)*	*DMMC (29-3H)*	*AG co (12-17H)*	*Fin co (14-37H)*	*Med bn (8-35H)*	*Inf div (29-5H)*	*Armd div (29-115H)*	*Mech div (29-65H)*	*Inf div (29-15H)*	*Armd div (29-35H)*	*Mech div (29-25H)*	*Inf DISCOM total (29-1H)*	*Armd DISCOM total (29-21H)*	*Mech DISCOM total (29-11H)*
		Class VIIM—Waapons														
98	A90118	Armament subsystem, helicopter, 7.62-mm, machinegun, light WO weapons, WE	0	0	0	0	0	0	0	0	1	1	1	1	1	1
99	L44595	Launcher, grenade, 40-mm, single shot, rifle mtd, detachable, WE	4	2	8	4	0	14	14	14	28	28	28	60	60	60
100	L91838	Machinegun, cal .50, hb flexible, vehicle mtd	0	0	0	0	0	0	0	0	4	4	4	4	4	4
101	L92260	Machinegun, 7.62-mm, acft, light, door mtd	0	0	0	0	0	0	0	0	2	2	2	2	2	2
102	L92386	Machinegun, 7.62-mm, light, flexible	4	4	4	3	0	26	22	22	23	18	18	64	55	55
103	M75714	Mount tripod, machinegun, 7.62-mm	4	4	4	3	0	22	22	22	23	18	18	60	55	55
104	N96741	Pistol, cal .45, automatic	9	8	11	8	40	6	6	6	16	16	16	98	98	98
105	R91244	Revolver, cal .38, special, 4-in barrel	0	0	0	0	0	0	0	0	13	10	10	13	10	10
106	R94977	Rifle, 5.56-mm, WE	88	128	269	80	350	345	384	374	787	973	926	2,047	2,272	2,215
		Class VIIO—Combat Vahicles														
107	R50681	Recovery vehicle, full tracked, medium	0	0	0	0	0	0	0	0	4	4	4	4	4	4
		Class VIIU—COMSEC Matarial														
108	E45766	Code changer key, KIK-18/TSEC	0	0	0	0	0	0	0	0	1	1	1	1	1	1
109	E45820	Code changer key, KYK-28/TSEC	0	1	0	0	7	0	0	0	3	5	7	11	13	15
110	P43177	Power supply assembly, vehicular, Z-ACD	0	0	0	0	9	0	0	0	3	9	8	12	18	17
111	U01295	Speech security equipment, abn, TSEC/KY-28	0	0	0	0	0	0	0	0	1	1	1	1	1	1
112	U01305	Speech security equipment, TSEC/KY-38	0	1	0	0	12	0	0	0	3	9	8	16	22	21
		Class VIIW—Ground: Construction and MHE														
113	F39172	Crane, wheel mtd, 3-ton	0	0	0	0	0	0	0	0	2	0	0	2	0	0
114	F39241	Crane, wheel mtd, 5-ton dsl, 4x4, rough terrain air transport	0	0	0	0	0	0	0	0	4	4	4	4	4	4
115	X48914	Truck lift, fork, dsl drvn, 6,000-lb, cap, rough terrain	0	0	0	0	0	3	3	3	2	2	2	5	5	5

Table 2–11. Summary of Equipment–Medical Battalion/Supply and Transport Battalion, Division Support Command, Armored, Infantry, and Mechanized Divisions

1	2		3	4	5	6	7	8	9	10	11	12	13	14
			Med bn				*S&T bn*							
1	*LIN*	*Nomenclature*	*HQ and spt co (8-36H)*	*Three med co (8-37H) (1)*	*(3)*	*Bn total (8-35H)*	*HHC (29-6H)*	*S&S co (10-7H)*	*Inf div (55-88H)*	*TMT co Mech div (55-84H)*	*Armd div (55-87H)*	*Inf div (29-5H)*	*Bn total Mech div (29-65H)*	*Armd div (29-115H)*
		Class IIB–Troop Support												
2	K39774	Hoisting unit, truck mounting, org maint set no 7	1	0	0	1	0	0	0	0	0	0	0	0
3	W32687	Shop equipment, auto maint and repair, org sup no1, less power	0	0	0	0	0	1	0	0	0	1	1	1
		Class IIE–General Supply												
4	G68966	Drum, fabric, collapsible, liquid fuel, 500-gal cap	0	0	0	0	0	27	0	0	0	27	27	27
		Class IIG–Electronics												
5	C68719	Cable, telephone, WO-1/TT, OR-8 1,320-ft	0	0	0	0	0	6	4	4	4	10	10	10
6	C68856	Cable, telephone, WD-1/TT, RL-159/U, 5,280 ft	5	2	6	11	4	2	0	0	0	6	6	6
7	U82529	Switchboard, telephone, manual, SB-993/GT	1	1	3	4	0	0	0	0	0	0	0	0
8	V30937	Telephone set, TA-264/PT	2	1	3	5	0	0	0	0	0	0	0	0
		Class VIIB–Troop Support												
9	E69242	Compressor, rcp, power drvn, air rec, gas drvn 15 CEM, 175 PSI	1	0	0	1	0	0	1	1	1	1	1	1
10	E70064	Compressor, RCP, power drvn, trk, 2-whl, pneu tires, gas drvn, 5 CEM, 175 PSI	1	1	3	4	0	1	0	0	0	1	1	1
11	G02204	Detecting set, mines, ptbl, metallic and nonmetallic	1	1	3	4	0	0	0	0	0	0	0	0
12	G02341	Detecting set, mines, ptbl metallic (an/pss-11)	1	1	3	4	0	0	0	0	0	0	0	0
13	H94824	Forward area refueling equipment (FARE)	0	0	0	0	0	3	0	0	0	3	3	3
14	J04716	Fuel system supply point, ptbl, 60,000-gal cap	0	0	0	0	0	1	0	0	0	1	1	1
15	J43918	Generator set, gas eng, 1.5 kw, 60 hz, 1 ph, 2 wire, AC 120V, shock, tac util	3	0	0	3	0	8	2	2	2	10	10	10
16	J44055	Generator set, gas eng, 1.5 kw, DC 28V, shock, tac util	5	2	6	11	0	0	0	0	0	0	0	0
17	J45699	Generator set, gas eng, 3 kw, 60 hz, 1-3 ph, 1-20/240 120/208V, skid, tac util	0	0	0	0	1	1	1	1	1	3	3	3
18	J46110	Generator set, gas eng, 3 kw, DC 28V, skid-shock, tblr frame mtd, tac util	2	0	0	2	0	1	2	2	2	3	3	3
19	J49398	Generator set, gas eng, 10 kw, 60 hz, 1-3 ph, AC 120/240 120/208V, tac util	3	3	9	12	0	0	0	0	0	0	0	0
20	V12141	Tank and pump unit, liquid dispensing, truck mounting	0	0	0	0	0	0	5	6	6	5	6	6
21	V19950	Tank unit, liquid dispensing, trailer mounting	0	0	0	0	0	0	5	4	4	5	4	4
22	W32593	Shop equipment, auto maint and repair, OM common no 1, less power	1	1	3	4	0	1	0	0	0	1	1	1
23	W32730	Shop equipment, auto maint and repair, OM common no 2, less power	1	0	0	1	0	0	1	1	1	1	1	1

Table 2–11. Summary of Equipment–Medical Battalion/Supply and Transport Battalion, Division Support Command, Armored, Infantry, and Mechanized Divisions–Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14
		Med bn				S&T bn							
1 LIN	Nomenclature	HQ and spt co (8-36H)	Three med co (8-37H) (1)	Three med co (8-37H) (3)	Bn total (8-35H)	HHC (29-6H)	S&S co (10-7H)	Inf div (55-88H)	TMT co Mech div (55-84H)	TMT co Armd div (55-87H)	Inf div (29-5H)	Bn total Mech div (29-65H)	Bn total Armd div (29-115H)
	Class VIIG–Electronics												
24 Q53001	Radio set, AN/VRC-46	2	0	0	2	2	2	4	4	4	8	8	8
25 Q54174	Radio set, AN/VRC-47	4	2	6	10	1	0	1	1	1	2	2	2
26 Q56783	Radio set, AN&VRC-64	0	0	0	0	1	3	0	0	0	4	4	4
27 Q78282	Radio set, control group, AN/GRA-39	4	1	3	7	2	1	0	0	0	3	3	3
28 U81707	Switchboard, telephone, manual, S8-22/PT	1	0	0	1	2	1	1	1	1	4	4	4
29 V31211	Telephone set, TA-312/PT	12	4	12	24	13	12	7	7	7	32	32	32
	Class VIIK–Tactical Vehicles												
30 S72024	Semitrailer, stake, 12-ton, 4 wheel, WE	0	0	0	0	0	1	20	20	20	21	21	21
31 S72983	Semitrailer, tank, fuel servicing, 5,000 gal, 12-ton, 4-wheel, WE	0	0	0	0	0	0	12	25	30	12	25	30
32 W95400	Trailer, cargo, ¼-ton, 2-wheel, WE	11	4	12	23	5	2	5	5	5	12	12	12
33 W95537	Trailer, cargo, ¾-ton, 2-wheel, WE	5	1	3	8	1	2	0	0	0	3	3	3
34 W95811	Trailer, cargo, 1-½-ton, 2-wheel, WE	12	5	15	27	1	3	67	65	65	71	69	69
35 W98825	Trailer, tank, water, 400-gal, 1-½-ton, 2-wheel, WE	2	2	6	8	1	0	1	1	1	2	2	2
36 X38776	Truck, ambulance, ¾-ton, 4x4, WE	8	8	24	32	0	0	0	0	0	0	0	0
37 X39735	Truck, cargo, ¾-ton, 4x4, WE	5	1	3	8	1	7	1	1	1	9	9	9
38 X40009	Truck, cargo, 2-½-ton, 6x6, WE	12	6	18	30	1	9	63	62	62	73	72	72
39 X40146	Truck, cargo, 2-½-ton, 6x6, w/winch, WE	2	1	3	5	1	0	0	0	0	1	1	1
40 X40794	Truck, cargo, drop side, 5-ton, 6x6, WE	0	0	0	0	0	0	5	6	6	5	6	6
41 X59326	Truck, tractor, 5-ton, 6x6, WE	0	0	0	0	0	1	22	35	40	23	36	41
42 X60833	Truck, utility, ¼-ton, 4x4, WE	11	4	12	23	5	2	5	5	5	12	12	12
43 X63299	Truck, wrecker, 5-ton, 6x6, w/winch, WE	0	0	0	0	0	1	2	2	2	3	3	3
	Class VIIM–Weapons												
44 L44595	Launcher, grenade, 40-mm, single shot rifle mtd, detachable, WE	0	0	0	0	2	6	6	6	6	14	14	14
45 L92386	Machinegun, 7.62-mm, light, flexible	0	0	0	0	4	6	16	12	12	26	22	22
46 M75714	Mount, tripod, machinegun, 7.62-mm	0	0	0	0	4	6	12	12	12	22	22	22
47 N96741	Pistol, cal .45, automatic	19	7	21	40	4	1	1	1	1	6	6	6
48 R94977	Rifle, 5.56-mm, WE	125	75	225	350	55	128	162	191	201	345	374	384
	Class VIIU–COMSEC Materiel												
49 E45820	Code changer key, KYK-28/TSEC	4	1	3	7	0	0	0	0	0	0	0	0
50 P43177	Power supply assembly, vehicular, Z-ACD	6	1	3	9	0	0	0	0	0	0	0	0
51 U01305	Speech security equipment, TSEC/-KY-38	6	2	6	12	0	0	0	0	0	0	0	0
	Class VIIW–Ground:Construction and MHE												
52 X48914	Truck, lift, fork, dsl drvn, 6,000 lb cap, rough terrain	0	0	0	0	0	3	0	0	0	3	3	3

Table 2–12 Summary of Equipment–Maintenance Battalion/Missile Support Company, Division Support Command, Armored, Infantry, and Mechanized Divisions

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		HQ and lt maint co			Trans acft maint co		Three fwd spt co			Hv maint co			Bn total			
1 LIN	Nomenclature	Inf div (29-16H)	Mech div (29-26H)	Armd div (29-36H)	Armd, mech div (55-424H)	Inf div (55-89H)	Inf div (29-17H) (ea)	Mech div (29-27H) (ea)	Armd div (29-37H) (ea)	Inf div (29-18H)	Mech div (29-28H)	Armd div (29-38H)	Inf div (29-15H)	Mech div (29-25H)	Armd div (29-35H)	Msl spt co AIM (9-557H)
	Class IIA–Air															
2 A21383	Aerial recovery kit for Army acft	0	0	0	2	2	0	0	0	0	0	0	2	2	2	0
	Class IIB–Troop Support															
3 L64542	Light set, operational area, acft, ½ kw heliport (Army)	0	0	0	1	1	0	0	0	0	0	0	1	1	1	0
4 T10600	Shop equipment, guided missiles, aux equipment maint (Chaparral)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
5 V84014	Test set, radar, AN/TPM-23 (vads)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
6 W32867	Shop equipment, auto maint and rep, org sup no 1, less power	1	1	1	1	1	1	1	1	1	1	1	6	6	6	1
	Class IIG–Electronics															
7 C68719	Cable, telephone, WO-1/TT, OR-8 1,320 ft	3	3	3	6	6	0	0	0	0	0	0	9	9	9	4
8 C68856	Cable, telephone, WD-1/TT, RL-159/U, 5,280 ft	3	3	3	2	2	2	2	2	1	3	3	12	14	14	0
9 U82529	Switchboard, telephone, manual, S8-993/GT	0	0	0	1	0	0	0	1	0	0	0	0	1	4	0
	Class VIIA–Air															
10 K31795	Helicopter, utility, UH-1H	0	0	0	1	1	0	0	0	0	0	0	1	1	1	0
11 W93995	Trailer, acft, maint, ambl, 4-whl, 30/48-in, trf rail system	0	0	0	6	6	0	0	0	0	0	0	6	6	6	0
12 X23227	Transporter, ambl, hyd lift for shelter and X-4 container	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0
	Class VIIB–Troop Support															
13 E67735	Compressor, RCP, power drvn, base, AC 115V, 60 cy, 1 ph, 1 5 CFM 50 PSI	0	0	0	0	0	1	1	1	1	1	0	4	4	3	0
14 E69242	Compressor RCP, power drvn, air rec, gas drvn, 15 CFM, 175 PSI	0	0	0	0	0	0	0	0	2	3	3	2	3	3	0
15 E70064	Compressor RCP, power drvn, trk 2-whl, pneu tires, gas drvn, 5 CFM, 175 PSI	1	1	1	1	1	1	1	1	1	1	1	6	6	6	1
16 E70817	Compressor, RCP power drvn, air whl, gas drvn, 4 CFM 3,000 PSI	0	0	0	1	1	0	0	0	0	0	0	1	1	1	0
17 E73626	Compressor rotary drvn, air whbrw frame, 2 pneu, tire, gas drvn, 60 CFM 6 5 PSI	0	0	0	0	0	1	1	1	0	0	0	3	3	3	0
18 G02204	Detecting set, mine, ptbl metallic and nonmetallic	1	1	1	0	0	0	0	0	1	1	1	2	2	2	0
19 G02341	Detecting set, mine, ptbl metallic (AN/PSS-11)	1	1	1	0	0	0	0	0	1	1	1	2	2	2	0
20 J35629	Generator set, dsl eng, tlr mtd, 60 kw, 60 hz, mtd on M200 PU-650	4	0	4	0	0	0	0	0	0	0	0	4	0	4	0
21 J35835	Generator set, dsl eng, 15 kw, 60 hz, 3 ph, AC 120/208 240/416V, skid, tac util	0	0	0	1	1	0	0	0	0	0	0	1	1	1	0
22 J36109	Generator set, dsl eng, 30 kw, 60 hz, 3 ph, AC 120/208 240/416V, 50 hz, tac util	0	0	0	0	0	1	0	0	0	0	0	3	0	0	0
23 J36383	Generator set, dsl eng, tlr mtd, 30 kw, 60 hz, mtd on M200 PU-406	1	1	1	0	2	0	0	0	0	0	0	3	1	1	0
24 J36725	Generator set, dsl eng, 30 kw, AC 120/208 240/416V, 3 ph, 400 hz, tac, precise	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
25 J38301	Generator set, dsl eng, 60 kw, 60 hz, 3 ph, AC 120/208 240/416V, 50 hz, tac util	0	4	0	0	0	0	1	1	1	1	1	1	8	4	0
26 J42100	Generator set, gas eng, tlr mtd, 10 kw, 60 cy, 1 ph, AC 120/240V, PU-619/M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2

Table 2–12 Summary of Equipment–Maintenance Battalion/Missile Support Company, Division Support Command, Armored, Infantry, and Mechanized Divisions–Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
			HQ and lt maint co		Trans acft maint co		Three fwd spt co			Hv maint co			8n total			
1	*LIN*	*Nomenclature*	*Inf div (29-16H)*	*Mech div (29-26H)*	*Armd div (29-36H)*	*Armd, mech div (55-424H)*	*Inf div (55-89H)*	*Inf div (29-17H) (ea)*	*Mech div (29-27H) (ea)*	*Armd div (29-37H) (ea)*	*Inf div (29-18H)*	*Mech div (29-28H)*	*Armd div (29-38H)*	*Inf div (29-15H)*	*Mech div (29-25H)*	*Armd div (29-35H)*	*Msl spt co AIM (9-557H)*
27	J42976	Generator set, gas eng, 0.5 kw, 60 cy, 1 ph, AC 120/240V, shock mtd	0	0	0	1	1	0	0	0	0	0	0	1	1	1	0
28	J43918	Generator set, gas eng, 1 5 kw 60 hz, 1 ph, 2 wire, AC 120V shock, tac util	3	3	3	3	3	5	5	4	6	7	6	27	28	24	4
29	J44055	Generator set, gas eng, 1.5 kw, DC 28V, shock, tac util	0	0	0	0	0	0	0	0	2	1	1	2	1	1	0
30	J45699	Generator set, gas eng, 3 kw, 60 hz, 1-3 ph, 120/240 120/208V, skid, tac util	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
31	J45836	Generator set, gas eng, 3 kw, 400 hz, 1-3 ph, AC 120/208/240V, tac util	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0
32	J46110	Generator set, gas eng, 3 kw, DC 28V, skid-shock tblr frame mtd, tac util	1	1	1	2	2	2	2	2	2	2	1	11	11	10	1
33	J47068	Generator set, gas eng, 5 kw, 60 hz, 1-3 ph, AC 120/240 120/208V, skid, tac util	1	1	1	0	1	1	2	1	2	2	2	7	9	6	2
34	J49055	Generator set, gas eng, 7 5 kw, DC 28.5V, whl mtd	0	0	0	3	2	0	0	0	0	0	0	2	3	3	0
35	J49398	Generator set, gas eng, 10 kw, 60 hz, 1-3 ph, AC 120/240 120/208V, tac util	0	0	0	0	0	2	1	1	2	3	2	8	6	5	0
36	J49809	Generator set, gas eng, tlr mtd, 10 kw, 60 hz, mtd on M101 PU-332	0	0	0	0	0	2	3	3	0	0	0	6	9	9	0
37	T10138	Shop equip, contact maint, trk mtd	0	0	0	0	0	3	3	3	2	2	2	11	11	11	0
38	T10275	Shop equip, elec rep, stlr mtd (Army)	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
39	T10412	Shop equip, elec rep, stlr mtd (Army)	1	1	1	0	0	0	1	0	0	0	0	1	4	1	0
40	V12141	Tank and pump unit, liquid dispensing, truck mtd	0	0	0	1	1	0	0	0	0	1	1	1	2	2	0
41	V19950	Tank unit, liquid dispensing, trailer mtd	0	0	0	0	1	0	0	0	2	1	1	3	1	1	0
42	V71450	Test set, computer logic unit	1	1	1	0	0	0	0	0	0	0	0	1	1	1	0
43	W07701	Theodolite, survey, direct, 0 002 mil, 30 porm, 5 power detach tribrch	1	1	1	0	0	0	1	0	0	0	0	1	4	1	0
44	W32593	Shop equip, auto maint and rep, QM common no 1, less power	1	1	1	1	1	1	1	1	1	1	1	6	6	6	1
		Class VIIG–Electronics															
45	Q38335	Radio set, AN/PRC-90	0	0	0	2	2	0	0	0	0	0	0	2	2	2	0
46	Q53001	Radio set, AN/VRC-46	0	0	0	1	2	1	1	1	2	2	2	7	6	6	15
47	Q54174	Radio set, AN/VRC-47	2	2	2	0	0	1	1	1	0	0	0	5	5	5	1
48	Q56783	Radio set, AN/VRC-64	1	1	1	0	0	0	0	0	0	0	0	1	1	1	0
49	Q78282	Radio set, control group, AN/GRA-39	0	0	0	1	1	0	0	0	0	0	0	1	1	1	2
50	U81707	Switchboard, telephone, manual, SB-22/PT	1	1	1	0	1	1	1	0	1	1	1	6	5	2	1
51	V31211	Telephone set, TA-312/PT	10	10	10	6	12	11	10	7	8	10	5	63	56	42	10
		Class VIIK–Tactical Vehicles															
52	E02670	Chassis, trailer, general purpose, 3½-ton, 2 whl, WE	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
53	E02807	Chassis, trailer, generator, 2½-ton, 2 whl, WE	0	0	0	0	0	1	0	0	0	0	0	3	0	0	3
54	K90188	Instrument repair shop truck mtd, 2½-ton, 6x6, WE	0	0	0	0	0	2	2	2	0	0	0	6	6	6	0
55	S70243	Semitrailer, low bed, wrecker, 12-ton, 4-whl, 40-ft, WE	0	0	0	1	1	0	0	0	0	0	0	1	1	1	0
56	S72024	Semitrailer, stake, 12-ton, 4-whl, WE	9	9	9	1	2	2	2	2	0	0	0	17	16	16	0
57	S74079	Semitrailer, van, cargo, 12-ton, 4-whl, WE	0	0	0	7	9	0	0	0	0	0	0	9	7	7	1
58	S74490	Semitrailer, van, expansible, 6-ton, 4-whl, (Army)	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0
59	S74832	Semitrailer, van, repair parts storage, 6-ton, 4-whl, WE	5	9	9	0	0	3	3	3	0	0	0	14	18	18	2
60	W95400	Trailer, cargo, ¼-ton, 2-whl, WE	4	4	4	2	2	3	3	7	2	3	3	17	18	30	2

Table 2–12. Summary of Equipment–Maintenance Battalion/Missile Support Company, Division Support Command, Armored, Infantry, and Mechanized Divisions–Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		HQ and lt maint co			Trans acft maint co		Three fwd spt co			Hv maint co			8n total			
1	LIN	Inf div (29-16H)	Mech div (29-26H)	Armd div (29-36H)	Armd, mech div (55-424H)	Inf div (55-89H)	Inf div (29-17H) (ea)	Mech div (29-27H) (ea)	Armd div (29-37H) (ea)	Inf div (29-18H)	Mech div (29-28H)	Armd div (29-38H)	Inf div (29-15H)	Mech div (29-25H)	Armd div (29-35H)	Msl spt co AIM (9-557H)
61	W95537	2	2	2	2	3	0	0	0	3	3	3	8	7	7	0
62	W95811	4	4	6	2	5	13	16	16	17	17	20	65	71	76	6
63	W98825	1	1	1	1	1	1	1	1	1	1	1	6	6	6	1
64	X39735	2	2	2	4	1	0	0	0	3	3	3	6	9	9	10
65	X39872	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0
66	X39883	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
67	X40009	5	6	6	1	5	4	8	9	12	13	16	34	44	50	6
68	X40146	0	0	0	1	0	4	2	1	0	0	0	12	7	4	0
69	X40283	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
70	X40420	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
71	X40831	0	0	0	1	1	0	0	0	0	1	0	1	2	1	0
72	X55627	0	0	0	0	6	0	0	0	0	0	0	6	0	0	0
73	X58367	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0
74	X59052	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0
75	X59326	11	13	13	7	12	4	4	4	0	0	0	35	32	32	2
76	X59463	1	1	1	0	0	0	0	0	0	0	0	1	1	1	0
77	X60696	0	0	0	1	1	0	0	0	0	0	0	1	1	1	0
78	X60833	4	4	4	2	2	3	3	3	3	3	3	18	18	18	3
79	X62237	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
80	X62340	0	0	0	2	5	8	7	8	8	9	9	37	32	35	0
81	X63299	0	0	0	0	0	0	0	0	2	2	2	2	2	2	1
82	X63436	0	0	0	0	0	1	2	2	0	0	0	3	6	6	0
		Class VIIL–Missiles														
83	V79469	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
84	V84002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
		Class VIIM–Weapons														
85	A90118	0	0	0	1	1	0	0	0	0	0	0	1	1	1	0
86	L44595	5	5	5	6	6	4	4	4	5	5	5	28	28	28	0
87	L91838	0	0	0	0	0	1	1	1	1	1	1	4	4	4	0
88	L92260	0	0	0	2	2	0	0	0	0	0	0	2	2	2	0
89	L92386	3	3	3	2	4	4	3	3	4	4	4	23	18	18	3
90	M75714	3	3	3	2	4	4	3	3	4	4	4	23	18	18	3
91	N96741	4	4	4	0	0	3	3	3	3	3	3	16	16	16	1
92	R91244	0	1	1	9	13	0	0	0	0	0	0	13	10	10	0
93	R94977	100	100	101	104	176	110	171	176	181	209	240	787	926	973	122
		Class VIIO–Combat Vehicles														
94	R50681	0	0	0	0	0	1	1	1	1	1	1	4	4	4	0
		Class VIIU–COMSEC Materiel														
95	E45766	0	0	0	1	1	0	0	0	0	0	0	1	1	1	0
96	E45020	2	2	1	1	1	0	1	1	0	1	0	3	7	5	0
97	P43177	3	3	2	1	0	0	1	2	0	1	0	3	8	9	0
98	U01295	0	0	0	1	1	0	0	0	0	0	0	1	1	1	0
99	U01305	3	3	2	1	0	0	1	2	0	1	0	3	8	9	0

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Table 2–12 Summary of Equipment–Maintenance Battalion/Missile Support Company, Division Support Command, Armored, Infantry, and Mechanized Divisions–Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
			HQ and lt maint co		Trans acft maint co		Three fwd spt co			Hv maint co			Bn total			
1	*LIN*	*Nomenclature*	*Inf div (29-16H)*	*Mech div (29-26H)*	*Armd div (29-36H)*	*Armd, mech div (55-424H)*	*Inf div (55-89H)*	*Inf div (29-17H) (ea)*	*Mech div (29-27H) (ea)*	*Armd div (29-37H) (ea)*	*Inf div (29-18H)*	*Mech div (29-28H)*	*Armd div (29-38H)*	*Inf div (29-15H)*	*Mech div (29-25H)*	*Armd div (29-35H)*	*Msl spt co AIM (9-557H)*
		Class VIIW–Ground Construction and MHE															
100	F39172	Crane, wheel, mtd, 3-ton	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0
101	F39241	Crane, wheel, mtd, 5-ton, dsl, 4x4, rough terrain, air transport	0	0	0	0	0	1	1	1	1	1	1	4	4	4	0
102	X48914	Truck, lift, fork, dsl drvn, 6,000-lb cap, rough terrain	1	1	1	1	1	0	0	0	0	0	0	2	2	2	0

Table 2–13. Summary of Equipment–Armored Cavalry Squadron, Armored and Mechanized Divisions, Infantry Battalion, Infantry Division, Air Cavalry Squadron, Infantry Division

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		Armored cavalry squadron					*Infantry battalion*					*Air cavalry squadron*				
1	*LIN* *Nomenclature*	*HHT (17-106H)*	*Three armd cav trp (17-107H) (1)*	*(3)*	*Air cav trp (17-108H)*	*Sqdn total (17-105H)*	*HHC (7-16H)*	*Three rifle co (7-18H) (1)*	*(3)*	*Cbt spt co (7-28H)*	*Bn total (7-15H)*	*HHT (17-206H)*	*Armd cav trp (17-207H)*	*Three air cav trp (17-208H) (1)*	*(3)*	*Bn total (17-205H)*
	Class IIA–Air															
2	M02470 Maintenance platform hyd adj to 10 ft high, 44 ½-in wide	0	0	0	3	3	0	0	0	0	0	1	0	3	9	10
3	M02504 Maintenance platform, hyd adj, type, 3 to 7 ft height	0	0	0	3	3	0	0	0	0	0	1	0	3	9	10
	Class IIB–Troop Support															
4	L64542 Light set, op area, acft, ½ kw, heliport (Army)	0	0	0	1	1	0	0	0	0	0	1	0	1	3	4
5	W32867 Shop equipment, auto maint and rep, org sup no 1, less power	0	0	0	1	1	0	0	0	0	0	1	0	1	3	4
	Class IIE–General Supply															
6	G68966 Drum, fabric, collapsible, liquid fuel, 500-gal cap	0	0	0	6	6	0	0	0	0	0	3	0	6	18	21
	Class IIG–Electronics															
7	C68719 Cable, telephone, WO-1/TT, OR-8, 1,320 ft	56	24	72	11	139	12	15	45	36	93	27	24	11	33	84
8	C68856 Cable, telephone, WD-1/TT, RL-159/U, 5,280 ft	0	0	0	0	0	16	0	0	0	16	0	0	0	0	0
9	C68993 Cable, telephone, WD-1/TT, 2 cond, field wire	20	0	0	0	20	36	15	45	6	87	15	0	0	0	15
10	R30662 Receiver-transmitter, control group, AN/GRA-6	0	0	0	1	1	0	0	0	0	0	2	0	1	3	5
11	U82529 Switchboard, telephone, manual, SB-993/GT	0	0	0	0	0	0	3	9	3	12	0	0	0	0	0
12	V30937 Telephone set, TA-264/PT	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	Class VIIA–Air															
13	K29660 Helicopter, attack, AH-1G	0	0	0	9	9	0	0	0	0	0	0	0	9	27	27
14	K31042 Helicopter, observation, OH-58A	0	0	0	10	10	0	0	0	0	0	0	0	10	30	30
15	K31795 Helicopter, Utility, UH-1H	0	0	0	8	8	0	0	0	0	0	4	0	8	24	28
16	T17093 Shop set, acft maint, ambl, UH-1/OH-6, co size, DS	0	0	0	1	1	0	0	0	0	0	3	0	0	0	3
17	W62611 Tool set, aviation, unit maint, set no 1, ambl	0	0	0	3	3	0	0	0	0	0	1	0	3	9	10
18	X23227 Transporter, ambl, hyd lift, for shelter and X-4 container	0	0	0	3	3	0	0	0	0	0	5	0	1	3	8
	Class VIIB–Troop Support															
19	E69242 Compressor, RCP, power drvn, air rec, gas drvn, 15 CFM, 175 PSI	1	0	0	0	1	1	0	0	0	1	0	0	0	0	0
20	E70064 Compressor, RCP, power drvn, trk, 2-whl, pneu tires, gas drvn, 5 CFM, 175 PSI	1	1	3	1	5	0	0	0	1	1	1	1	1	3	5
21	E70201 Compressor, RCP, power drvn, trk, 2-whl, pneu tires, gas drvn, 8 CFM, 175 PSI	0	0	0	1	1	0	0	0	0	0	1	0	1	3	4
22	G02204 Detecting set, mine, ptbl, metallic and nonmetallic	1	3	9	0	10	1	1	3	1	5	1	3	0	0	4
23	G02341 Detecting set, mine, ptbl, metallic (AN/PSS-11)	1	3	9	0	10	3	2	6	3	12	1	3	0	0	4
24	H94824 Forward area refueling equipment (FARE)	0	0	0	2	2	0	0	0	0	0	1	0	2	6	7
25	J42976 Generator set, gas eng, 0 5 kw, 60 cy, 1 ph, AC 120/ 240V, shock mtd	0	0	0	1	1	0	0	0	0	0	1	0	1	3	4
26	J43027 Generator set, gas eng, 0.5 kw, 400 hz, 1 ph, AC 120/ 240V, skid shock, tac util	0	2	6	0	6	0	0	0	4	4	0	2	0	0	2
27	J43918 Generator set, gas eng, 1 5 kw, 60 hz, 1 ph, 2 wire, AC 120V, shock, tac util	4	0	0	6	10	3	0	0	1	4	6	1	5	15	22
28	J44055 Generator set, gas eng, 1 5 kw, DC 28V, shock, tac util	5	0	0	0	5	1	0	0	0	1	0	0	0	0	0

Table 2—13. Summary of Equipment—Armored Cavalry Squadron, Armored and Mechanized Divisions; Infantry Battalion, Infantry Division, Air Cavalry Squadron, Infantry Division—Continued

1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
			Armored cavalry squadron					*Infantry battalion*					*Air cavalry squadron*				
				Three armd cav trp (17-107H)					*Three rifle co (7-18H)*						*Three air cav trp (17-208H)*		
1	*LIN*	*Nomenclature*	*HHT (17-106H)*	*(1)*	*(3)*	*Air cav trp (17-108H)*	*Sqdn total (17-105H)*	*HHC (7-16H)*	*(1)*	*(3)*	*Cbt spt co (7-28H)*	*Bn total (7-15H)*	*HHT (17-206H)*	*Armd cav trp (17-207H)*	*(1)*	*(3)*	*Bn total (17-205H)*
29	J45699	Generator set, gas eng, 3 kw, 60 hz, 1-3 ph, 120/240, 120/208V, skid, tac util	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0
30	J46110	Generator set, gas eng, 3 kw, DC 28V, skid-shock, tblr frame mtd, tac util	2	0	0	2	4	4	0	0	0	4	3	0	2	6	9
31	J47068	Generator set, gas eng, 5 kw, 60 hz, 1-3 ph, AC 120/240, 120/208V, skid, tac util	0	0	0	0	0	2	0	0	0	2	1	0	0	0	1
32	J47617	Generator set, gas eng, tlr mtd, 5 kw, 60 hz, 2 ea, mtd on M116 PU-620	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
33	J49055	Generator set, gas eng, 7.5 kw, DC 28.5V, whl mtd	0	0	0	3	3	0	0	0	0	0	1	0	3	9	10
34	L64131	Light set, marker, emergency, afld runway, ptbl, battery, op	0	0	0	1	1	0	0	0	0	0	2	0	3	9	11
35	V12141	Tank and pump unit, liquid dispensing, trk mounting	1	0	0	2	3	1	0	0	0	1	4	0	0	0	4
36	V19950	Tank unit, liquid dispensing, tlr mounting	1	0	0	2	3	1	0	0	0	1	4	0	0	0	4
37	W32593	Shop equipment, auto maint and rep, QM common no 1, less power	1	1	3	1	5	0	0	0	1	1	1	1	1	3	5
38	W32730	Shop equipment, auto maint and rep, QM common no 2, less power	1	0	0	0	1	1	0	0	0	1	0	0	0	0	0
39	W65747	Tool set, vehicle, full tracked, org maint suppl no 2, less power	1	0	0	0	1	0	0	0	0	0	0	1	0	0	1
		Class VIIG—Electronics															
40	E58601	Command console, electronic, AN/ASC-15	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
41	L60318	Light beacon, MX-7301/TVN	0	0	0	0	0	0	0	0	0	0	5	0	0	0	5
42	N04730	Night vision sight, individual, SERVEP weapon, AN/PVS-2	4	29	87	8	99	0	24	72	8	80	0	29	8	24	53
43	N15518	Night vision sight, tripod mtd, AN/TVS-4	0	1	3	0	3	0	1	3	6	9	0	1	0	0	1
44	Q32756	Radio set, AN/GRC-106	2	1	3	1	6	0	0	0	0	0	2	1	1	3	6
45	Q34308	Radio set, AN/GRC-160	6	8	24	0	30	3	4	12	28	43	5	8	0	0	13
46	Q38299	Radio set, AN/PRC-77	0	3	9	11	20	6	12	36	4	46	0	3	11	33	36
47	Q38335	Radio set, AN/PRC-90	0	0	0	54	54	0	0	0	0	0	8	0	54	162	170
48	Q45779	Radio set, AN/VRC-12	2	7	21	0	23	0	0	0	0	0	0	7	0	0	7
49	Q50421	Radio set, AN/VRC-24	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
50	Q53001	Radio set, AN/VRC-46	11	7	21	0	32	2	0	0	4	6	7	7	0	0	14
51	Q54174	Radio set, AN/VRC-47	5	3	9	4	18	5	2	6	7	18	7	3	4	12	22
52	Q55114	Radio set, AN/VRC-49	1	0	0	0	1	1	0	0	0	1	1	0	0	0	1
53	Q56783	Radio set, AN/VRC-64	7	13	39	0	46	0	0	0	4	4	2	13	0	0	15
54	Q78282	Radio set, control group, AN/GRA-39	6	4	12	1	19	7	2	6	0	13	3	4	1	3	10
55	Q90120	Radio teletypewriter set, AN/GRC-142	0	0	0	0	0	1	0	0	0	1	2	0	0	0	2
56	R29799	Receiver set, radio, AN/PRR-9	0	0	0	0	0	0	18	54	0	54	0	0	0	0	0
57	U81707	Switchboard, telephone, manual, S8-22/PT	1	1	3	1	5	2	1	3	2	7	2	1	1	3	6
58	U82255	Switchboard, telephone, manual, S8-86/P	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0
59	V30252	Telephone set, TA-1/PT	10	6	18	5	33	0	21	63	8	71	10	6	5	15	31
60	V31211	Telephone set, TA-312/PT	8	7	21	9	38	17	8	24	26	67	15	7	8	24	46
61	X17820	Transmitter set, radio, AN/PRT-4	0	0	0	0	0	0	18	54	0	54	0	0	0	0	0

Table 2–13. Summary of Equipment–Armored Cavalry Squadron, Armored and Mechanized Divisions; Infantry Battalion, Infantry Division, Air Cavalry Squadron, Infantry Division–Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		Armored cavalry squadron					*Infantry battalion*					*Air cavalry squadron*				
			Three armd cav trp (17-107H)					*Three rifle co (7-18H)*						*Three air cav trp (17-208H)*		
1	*LIN*	*Nomenclature*	*HHT (17-106H)*	*(1)*	*(3)*	*Air cav trp (17-108H)*	*Sqdn total (17-105H)*	*HHC (7-16H)*	*(1)*	*(3)*	*Cbt spt co (7-28H)*	*Bn total (7-15H)*	*HHT (17-206H)*	*Armd cav trp (17-207H)*	*(1)*	*(3)*	*Bn total (17-205H)*
		Class VIIK–Tactical Vehicles															
62	A93125	Armored reconnaissance airborne assault vehicle, full-tracked, 152-mm	0	9	27	0	27	0	0	0	0	0	0	9	0	0	9
63	W94030	Trailer, ammunition, 1½-ton, 2-whl, WE	0	0	0	2	2	0	0	0	0	0	0	0	2	6	6
64	W95400	Trailer, cargo, ¼-ton, 2-whl, WE	10	1	3	3	16	6	5	15	26	47	14	1	3	9	24
65	W95537	Trailer, cargo, ¾-ton, 2-whl, WE	0	0	0	1	1	0	0	0	0	0	3	0	0	0	3
66	W95811	Trailer, cargo, 1½-ton, 2-whl, WE	9	2	6	8	23	6	1	3	2	11	14	2	6	18	34
67	W98825	Trailer, tank, water, 400-gal, 1½-ton, 2-whl, WE	5	0	0	0	5	4	0	0	0	4	5	0	0	0	5
68	X38961	Truck, ambulance, 1¼-ton, 6x6, WE	1	0	0	0	1	3	0	0	0	3	2	0	0	0	2
69	X39735	Truck, cargo, ¾-ton, 4x4, WE	0	0	0	0	0	0	0	0	0	0	5	0	0	0	5
70	X39940	Truck, cargo, 1¼-ton, 6x6, WE	4	0	0	5	9	7	3	9	5	21	3	0	3	9	12
71	X40009	Truck, cargo, 2½-ton, 6x6, WE	9	2	6	3	18	8	0	0	1	9	14	1	3	9	24
72	X40146	Truck, cargo, 2½-ton, 6x6, w/winch, WE	2	0	0	2	4	2	1	3	1	6	0	1	2	6	7
73	X40831	Truck, cargo, 5-ton, 6x6, LW8, WE	0	0	0	0	0	0	0	0	0	0	0	0	1	3	3
74	X40968	Truck, cargo, 5-ton, 6x6, LWB, w/winch, WE	0	0	0	0	0	0	0	0	0	0	0	0	1	3	3
75	X41310	Truck, cargo, 5-ton, 8x8, WE	6	0	0	0	6	1	0	0	0	1	5	0	0	0	5
76	X41327	Truck, cargo, 5-ton, 8x8, w/winch, WE	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0
77	X41615	Truck, cargo, 8-ton, 4x4, WE	5	0	0	0	5	0	0	0	0	0	4	0	0	0	4
78	X57271	Truck, tank, fuel servicing, 2½-ton, 6x6, WE	0	0	0	0	0	0	0	0	0	0	0	0	2	6	6
79	X57408	Truck, tank, fuel servicing, 2½-ton, 6x6, w/winch, WE	0	0	0	0	0	0	0	0	0	0	0	0	2	6	6
80	X58078	Truck, tank, fuel servicing, 2,500-gal, 4x4, WE	3	0	0	0	3	0	0	0	0	0	0	0	0	0	0
81	X60696	Truck, tractor, wrecker, 5-ton, 6x6 w/winch, WE	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
82	X60833	Truck, utility, ¼-ton, 4x4, WE	17	2	6	3	26	7	3	9	23	39	18	2	3	9	29
83	X62340	Truck, van, shop, 2½-ton, 6x6, WE	0	0	0	1	1	0	0	0	0	0	0	0	1	3	3
84	X63299	Truck, wrecker, 5-ton, 6x6, w/winch, WE	0	0	0	1	1	1	0	0	0	1	0	0	0	0	0
85	X63436	Truck, wrecker, 10-ton, 4x4, WE	2	0	0	0	2	0	0	0	0	0	1	0	0	0	1
		Class VIIL–Missiles															
86	G22933	Display set, target alert data (FAAR)	6	0	0	0	6	0	0	0	6	6	6	0	0	0	6
87	L45740	Launcher, tubular, guided missile (TOW)	0	0	0	0	0	0	2	6	12	18	0	0	0	0	0
88	X45317	Truck, guided missile (TOW)	0	0	0	0	0	0	2	6	12	18	0	0	0	0	0
89	X45549	Truck, guided missile equip, jeep (TOW)	0	0	0	0	0	0	2	6	12	18	0	0	0	0	0
		Class VIIM–Weapons															
90	A22496	Aiming circle	0	1	3	0	3	0	1	3	5	8	0	1	0	0	1
91	A89820	Armament, pod, acft, 7 62-mm machinegun, w/o weapon	0	0	0	6	6	0	0	0	0	0	0	0	0	0	0
92	A89992	Armament subsystem, helicopter, 20-mm automatic gun	0	0	0	4	4	0	0	0	0	0	0	0	4	12	12
93	A90118	Armament subsystem, helicopter, 7 62-mm machine-gun, light, w/o weapons, WE	0	0	0	8	8	0	0	0	0	0	4	0	8	24	28
94	A90437	Armament subsystem, helicopter, 7.62-mm machine-gun, 40-mm launcher, hi rate, w/o weapons	0	0	0	9	9	0	0	0	0	0	0	0	9	27	27
95	L44174	Launcher, grenade, acft, 40-mm, left or right hand feed	0	0	0	9	9	0	0	0	0	0	0	0	9	27	27
96	L44595	Launcher, grenade, 40-mm, single shot rifle, mtd, detachable, WE	3	20	60	19	82	5	20	60	14	79	4	20	19	57	81

Table 2–13 Summary of Equipment–Armored Cavalry Squadron, Armored and Mechanized Divisions; Infantry Battalion, Infantry Division, Air Cavalry Squadron, Infantry Division –Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		Armored cavalry squadron					*Infantry battalion*					*Air cavalry squadron*				
			Three armd cav trp (17-107H)					*Three rifle co (7-18H)*						*Three air cav trp (17-208H)*		
1	*LIN*	*Nomenclature*	*HHT (17-106H)*	*(1)*	*(3)*	*Air cav trp (17-108H)*	*Sqdn total (17-105H)*	*HHC (7-16H)*	*(1)*	*(3)*	*Cbt spt co (7-28H)*	*Bn total (7-15H)*	*HHT (17-206H)*	*Armd cav trp (17-207H)*	*(1)*	*(3)*	*Bn total (17-205H)*
97	L45016	Launcher, rocket, acft, 2.75-in	0	0	0	12	12	0	0	0	0	0	0	0	12	36	36
98	L45063	Launcher, rocket, acft, 2 75-in, 19 tube (repairable)	0	0	0	20	20	0	0	0	0	0	0	0	20	60	60
99	L45250	Launcher, rocket, 66-mm, 4-tube	0	3	9	1	10	9	0	0	0	9	0	3	1	3	6
100	L91838	Machinegun, cal 50, hb flexible, vehicle mtd	3	20	60	0	63	0	0	0	0	0	0	20	0	0	20
101	L91975	Machinegun, cal 50, hb flexible for ground use	22	1	3	7	32	14	0	0	0	14	8	1	7	21	30
102	L92260	Machinegun, 7 62-mm, acft, light, door mtd	0	0	0	16	16	0	0	0	0	0	8	0	16	48	56
103	L92323	Machinegun, 7 62-mm, six barrels	0	0	0	15	15	0	0	0	0	0	0	0	9	27	27
104	L92386	Machinegun, 7.62-mm, light, flexible	0	3	9	14	23	2	6	18	8	28	2	3	14	42	47
105	M68008	Mortar, 81-mm, on mount	0	0	0	0	0	0	3	9	0	9	0	0	0	0	0
106	M68282	Mortar, 4 2-in, on mount	0	3	9	0	9	0	0	0	4	4	0	3	0	0	3
107	M75577	Mount, tripod, machinegun, heavy, cal 50	22	1	3	7	32	14	0	0	0	14	3	1	7	21	25
108	M75714	Mount, tripod, machinegun, 7 62-mm	0	3	9	4	13	2	6	18	8	28	2	3	4	12	17
109	N82364	Periscope, battery, command	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
110	N96741	Pistol, cal 45, automatic	40	71	213	0	253	21	23	69	38	128	17	72	0	0	89
111	R12989	Range finder, fire control, WE (laser)	0	3	9	0	9	0	0	0	0	0	0	3	0	0	3
112	R91244	Revolver, cal .38, special, 4-in barrel	0	0	0	71	71	0	0	0	0	0	26	0	69	207	233
113	R94977	Rifle, 5 56-mm, WE	149	90	270	142	561	118	151	453	124	695	207	92	121	363	662
114	U56346	Submachinegun, cal .45	4	20	60	0	64	0	0	0	0	0	0	20	0	0	20
		Class VIIO–Combat Vehicles															
115	D10741	Carrier, 107-mm, mortar, self propelled (less mortar)	0	3	9	0	9	0	0	0	0	0	0	3	0	0	3
116	D11401	Carrier, command and reconnaissance, armored	2	16	48	0	50	0	0	0	0	0	0	16	0	0	16
117	D11538	Carrier, command post, light tracked	6	0	0	0	6	0	0	0	0	0	0	0	0	0	0
118	D12087	Carrier, personnel full tracked, armored	4	7	21	0	25	0	0	0	0	0	0	7	0	0	7
119	R50544	Recovery vehicle, full tracked, light armored	2	1	3	0	5	0	0	0	0	0	0	1	0	0	1
		Class VIIU–COMSEC Materiel															
120	E45766	Code changer key, KIK-18/TSEC	0	0	0	11	11	0	0	0	0	0	1	0	11	33	34
121	E45820	Code changer key, KYK-28/TSEC	2	1	3	12	17	3	1	3	2	8	5	0	12	36	41
122	H02300	Electronic teletypewriter security equipment, TSEC/KW-7	2	0	0	0	2	1	0	0	0	1	2	0	0	0	2
123	P43177	Power supply assembly, vehicular, Z-ACD	8	3	9	2	19	8	1	3	4	15	7	0	2	6	13
124	U01295	Speech security equipment, abn, TSEC/KY-28	0	0	0	27	27	0	0	0	0	0	10	0	27	81	91
125	U01305	Speech security equipment, TSEC/KY-38	8	3	9	2	19	8	1	3	4	15	7	0	2	6	13
126	V08721	Tactical digital regenerative repeater, portable, HYL-3/TSEC	1	0	0	0	1	1	0	0	0	1	1	0	0	0	1
		Class VIIW–Ground Construction and MHE															
127	X48914	Truck, lift, fork, dsl drvn, 6,000-lb cap, rough terrain	0	0	0	2	2	0	0	0	0	0	2	0	2	6	8

Table 2–14. Summary of Equipment—Tank Battalion/Infantry Battalion (Mechanized), Armored, Infantry, and Mechanized Divisions

1	2	3	4	5	6	7	8	9	10	11	12
		Tank Battalion					Infantry Bn (Mech)				
1 LIN	Nomenclature	HHC (17-36H)	Three tk co (17-37H) (1)	(3)	Cbt spt co (17-39H)	Bn total (17-35H)	HHC (7-46H)	Three rifle co (7-47H) (1)	(3)	Cbt spt co (7-48H)	Bn total (7-45H)
	Class IIB—Troop Support										
2 W32867	Shop equipment, auto maint and rep, org sup no 1, less power	0	1	3	0	3	0	1	3	1	4
	Class IIB—Electronics										
3 C68719	Cable, telephone, WO-1/TT, OR-8, 1,320 ft	23	19	57	38	118	9	18	54	51	114
4 C68856	Cable, telephone, WD-1/TT, RL-159/U 5,280 ft	2	0	0	0	2	6	0	0	0	6
5 C68993	Cable, telephone, WD-1/TT, 2 cond, field wire	0	0	0	0	0	0	8	24	18	42
6 U82529	Switchboard, telephone, manual, SB-993/GT	0	1	3	1	4	0	1	3	3	6
	Class VIIB—Troop Support										
7 E69242	Compressor, RCP, power drvn, air rec, gas drvn, 15 CFM, 175 PSI	1	0	0	0	1	1	0	0	0	1
8 E70064	Compressor, RCP, power drvn, trk, 2-whl, pneu tires, gas drvn, 5 CFM, 175 PSI	1	1	3	1	5	0	1	3	1	4
9 G02204	Detecting set, mine, ptbl, metallic and nonmetallic	1	1	3	1	5	1	0	0	0	1
10 G02341	Detecting set, mine, ptbl, metallic (AN/PSS-11)	1	1	3	1	5	3	0	0	0	3
11 J42856	Generator set, gas eng, 0.5 kw, 28V, skid-shock, tac util	0	0	0	1	1	0	0	0	0	0
12 J43027	Generator set, gas eng, 0.5 kw, 400 hz, 1 ph, AC 120/240V, skid-shock, tac util	0	0	0	4	4	0	0	0	4	4
13 J43918	Generator set, gas eng, 1.5 kw, 60 hz, 1 ph, 2 wire, AC 120V, shock, tac util	5	1	3	0	8	4	2	6	3	13
14 J44055	Generator set, gas eng, 1.5 kw, DC 28V, shock, tac util	1	0	0	0	1	2	0	0	0	2
15 J46110	Generator set, gas eng, 3 kw, DC 28V, skid-shock, tblr frame mtd, tac util	2	1	3	0	5	4	1	3	1	8
16 J47068	Generator set, gas eng, 5 kw, 60 hz, 1-3 ph, AC 120/240 120/208V, skid, tac util	0	0	0	0	0	1	0	0	0	1
17 L43664	Launch, M60 series, tank chassis, transporting, 40 and 60 ft bridge, type cl-60	0	0	0	2	2	0	0	0	0	0
18 V12141	Tank and pump unit, liquid dispensing, trk mounting	4	0	0	0	4	1	0	0	0	1
19 V19950	Tank unit, liquid dispensing, tlr mounting	4	0	0	0	4	1	0	0	0	1
20 W32593	Shop equipment, auto maint and rep, OM common no 1, less power	1	1	3	1	5	0	1	3	1	4
21 W32730	Shop equipment, auto maint and rep, OM common no 2, less power	1	0	0	0	1	1	0	0	0	1
22 W65747	Tool set, vehicle, full tracked, org maint suppl no 2, less power	1	0	0	0	1	1	1	3	1	5

Table 2—14. Summary of Equipment—Tank Battalion/Infantry Battalion (Mechanized), Armored, Infantry, and Mechanized Divisions—Continued

1	2	3	4	5	6	7	8	9	10	11	12
		Tank Battalion					*Infantry Bn (Mech)*				
1	*LIN*	*Nomenclature*	*HHC (17-36H)*	*Three tk co (17-37H) (1)*	*(3)*	*Cbt spt co (17-39H)*	*Bn total (17-35H)*	*HHC (7-46H)*	*Three rifle co (7-47H) (1)*	*(3)*	*Cbt spt co (7-48H)*	*Bn total (7-45H)*
		Class VIIG—Electronics										
23	N04730	Night vision sight, individual, servep weapon, AN/PVS-2	2	1	3	6	11	0	18	54	8	62
24	N15518	Night vision sight, tripod mount, AN/TVS-4	0	0	0	6	6	0	1	3	6	9
25	Q34308	Radio set, AN/GRC-160	0	0	0	20	20	1	25	75	38	114
26	Q38299	Radio set, AN/PRC-77	0	0	0	0	0	3	3	9	2	14
27	Q45779	Radio set, AN/VRC-12	3	8	24	1	28	2	0	0	1	3
28	Q53001	Radio set, AN/VRC-46	12	1	3	5	20	5	1	3	1	9
29	Q54174	Radio set, AN/VRC-47	5	2	6	6	17	5	2	6	7	18
30	Q55114	Radio set, AN/VRC-49	1	0	0	0	1	1	0	0	0	1
31	Q56783	Radio set, AN/VRC-64	7	10	30	4	41	9	1	3	2	14
32	Q78282	Radio set, control group, AN/GRA-39	7	5	15	2	24	6	2	6	0	12
33	R29799	Receiver set, radio, AN/PRR-9	0	0	0	0	0	0	15	45	0	45
34	U81707	Switchboard, telephone, manual, SB-22/PT	2	0	0	1	3	2	1	3	2	7
35	V30252	Telephone set, TA-1/PT	0	4	12	10	22	0	22	66	11	77
36	V31211	Telephone set, TA-312/PT	10	3	9	19	38	12	7	21	30	63
37	X17820	Transmitter set, radio, AN/PRT-4	0	0	0	0	0	0	15	45	0	45
		Class VIIK—Tactical Vehicles										
38	D10726	Carrier, 81-mm mortar, full tracked (less mortar)	0	0	0	0	0	0	3	9	0	9
39	W95400	Trailer, cargo, ¼-ton, 2-whl, WE	5	1	3	12	20	8	3	9	17	34
40	W95811	Trailer, cargo, 1½-ton, 2-whl, WE	11	2	6	2	19	8	2	6	2	16
41	W98825	Trailer, tank, water, 400-gal, 1½-ton, 2-whl, WE	5	0	0	0	5	5	0	0	0	5
42	X38961	Truck, ambulance, 1¼-ton, 6x6, WE	1	0	0	0	1	1	0	0	0	1
43	X39940	Truck, cargo, 1¼-ton, 6x6, WE	6	0	0	1	7	3	1	3	1	7
44	X40009	Truck, cargo, 2½-ton, 6x6, WE	10	1	3	1	14	7	2	6	1	14
45	X40146	Truck, cargo, 2½-ton, 6x6, w/winch, WE	2	1	3	1	6	1	0	0	1	2
46	X41310	Truck, cargo, 5-ton, 8x8, WE	6	0	0	0	6	6	0	0	0	6
47	X41615	Truck, cargo, 8-ton, 4x4, WE	5	0	0	0	5	5	0	0	0	5
48	X58078	Truck, tank, fuel servicing, 2,500-gal, 4x4, WE	0	0	0	0	0	2	0	0	0	2
49	X58093	Truck, tank, fuel servicing, 2,500-gal, 4x4, w/winch, WE	4	0	0	0	4	0	0	0	0	0
50	X60833	Truck, utility, ¼-ton, 4x4, WE	10	3	9	15	34	8	3	9	17	34
51	X63436	Truck, wrecker, 10-ton, 4x4, WE	1	0	0	0	1	1	0	0	0	1
		Class VIIL—Missiles										
52	D11681	Carrier, guided missile equipment (TOW)	0	0	0	0	0	0	2	6	12	18
53	G22933	Display set, target alert data (FAAR)	0	0	0	6	6	0	0	0	6	6
54	L45740	Launcher, tubular guided missile (TOW)	0	0	0	0	0	0	2	6	12	18

Table 2–14. Summary of Equipment–Tank Battalion/Infantry Battalion (Mechanized), Armored, Infantry, and Mechanized Divisions–Continued

1	2		3	4	5	6	7	8	9	10	11	12
			Tank Battalion					Infantry Bn (Mech)				
1	LIN	Nomenclature	HHC (17-36H)	Three tk co (17-37H) (1)	Three tk co (17-37H) (3)	Cbt spt co (17-39H)	Bn total (17-35H)	HHC (7-46H)	Three rifle co (7-47H) (1)	Three rifle co (7-47H) (3)	Cbt spt co (7-48H)	Bn total (7-45H)
		Class VIIM–Weapons										
55	A22496	Aiming circle	0	0	0	2	2	0	1	3	2	5
56	L44595	Launcher, grenade, 40-mm, single-shot rifle, mtd, detachable, WE	0	2	6	12	18	6	21	63	13	82
57	L45250	Launcher, rocket, 66-mm, 4-tube	2	1	3	0	5	9	0	0	0	9
58	L91838	Machinegun, cal .50, H8, flexible, vehicle mtd	4	2	6	7	17	3	21	63	20	86
59	L91975	Machinegun, cal .50, H8, flexible for ground use	9	1	3	2	14	22	1	3	1	26
60	L92386	Machinegun, 7.62-mm, light, flexible	0	0	0	0	0	4	15	45	0	49
61	M68008	Mortar, 81-mm, on mount	0	0	0	0	0	0	3	9	0	9
62	M68282	Mortar, 4.2-in, on mount	0	0	0	4	4	0	0	0	4	4
63	M75577	Mount, tripod, machinegun, heavy, cal .50	9	1	3	2	14	23	21	63	20	106
64	M75714	Mount, tripod, machinegun, 7.62-mm	0	0	0	0	0	4	15	45	0	49
65	N82364	Periscope, battery, command	0	0	0	1	1	0	0	0	1	1
66	N96741	Pistol, cal .45, automatic	35	72	216	28	279	37	13	39	40	116
67	R12989	Range finder, fire control, WE (laser)	0	0	0	3	3	0	0	0	0	0
68	R94977	Rifle, 5.56-mm, WE	140	17	51	82	273	133	158	474	128	735
69	U56346	Submachinegun, cal .45	12	36	108	2	122	5	2	6	2	13
		Class VIIO–Combat Vehicles										
70	D10741	Carrier, 107-mm mortar, self propelled (less mortar)	0	0	0	4	4	0	0	0	4	4
71	D11401	Carrier, command and reconnaissance, armored	0	0	0	9	9	2	0	0	9	11
72	D11538	Carrier, command post, light tracked	5	0	0	1	6	5	0	0	1	6
73	D12087	Carrier, personnel, full-tracked, armored	4	1	3	2	9	4	15	45	3	52
74	R50544	Recovery vehicle, full-tracked, light, armored	1	0	0	1	2	2	1	3	1	6
75	R50681	Recovery vehicle, full-tracked, medium	2	1	3	0	5	0	0	0	0	0
76	V13101	Tank, combat, full-tracked, 105-mm, gun	3	17	51	0	54	0	0	0	0	0
		Class VIIU–COMSEC Materiel										
77	E45820	Code changer key, KYK-28/TSEC	2	1	3	1	6	0	1	3	1	4
78	H02300	Electronic teletypewriter security equipment, TSEC/KW-7	1	0	0	0	1	1	0	0	0	1
79	P43177	Power supply assembly, vehicular, Z-ACD	7	2	6	2	15	0	2	6	2	8
80	U01305	Speech security equipment, TSEC/KY-38	7	2	6	2	15	0	2	6	2	8
81	V08721	Tactical digital regenerative repeater, ptbl, HYL-3/TSEC	1	0	0	0	1	0	0	0	0	0
		Class VIIW–Ground:Construction and MHE										
82	C20414	Bridge, armored veh launch, scissor-type cl-60, alum, 60-ft length of span	0	0	0	2	2	0	0	0	0	0

Table 2–15. Summary of Equipment–Airborne Division

1	2	3	4	5	6	7	8	9	10	11	12		13	14	15	16	17	18	19
											Three antiarmor co								
1	*LIN*	*Nomenclature*	*HHC (57-4H)*	*Cbt avn bn (57-55H)*	*Engr bn (5-25H)*	*Div arty (6-200H)*	*DISCOM (29-51H)*	*Sig bn (11-215H)*	*Air cav sqdn (17-275H)*	*Three bde HHC (57-42H) (1)*	*(3)*	*(1)*	*(3)*	*MP co (19-67H)*	*Nine abn inf bn (7-35H) (1)*	*(9)*	*CBTI co (30-19H)*	*ADA bn (44-425H)*	*Lt armd bn (17-215H)*	*Div total (57H)*
		Class IIA–Air																		
2	A21383	Aeriel recovery kit for Army acft	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
3	M02470	Maintenence pletform, hyd edj to 10 ft high, 44½-in wide	0	6	0	0	0	0	7	1	3	0	0	0	0	0	0	0	0	16
4	M02504	Maintenence pletform, hyd edj type, 3 to 7 ft high	0	6	0	2	0	0	10	1	3	0	0	0	0	0	0	0	0	21
		Class IIB–Troop Support																		
5	H52010	Filter-separetor, liquid fuel, 100 GPM, 75 PSI, 2-in inlet, 2-in outlet	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	4	12
6	K39774	Hoisting unit, truck mounting, organizetionel meint set no 7	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	4	0	6
7	L64542	Light set, operetionel erea, ecft, ½ kw heliport (Army)	0	4	0	0	1	0	4	0	0	0	0	0	0	0	0	0	0	9
8	P90610	Pumping essembly, flemmable liquid, bulk transfer, gas drvn, 100 GPM	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	8
9	V84014	Test set, reder, AN/TPM-23 (VADS)	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	8	0	12
10	W32887	Shop equipment, auto maint end rep, org sup no 1, less power	1	3	3	4	10	0	5	1	3	0	0	1	1	9	1	5	0	44
11	Z13157	Card punch machine, ADPE	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	7
12	Z74660	Sorter, ADPE	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
13	F77851	CS3, Dete enelysis central, DL-88(V), 1/MYK-8(V)	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
14	F77918	CS3, Dete storage group, OL-89(V), 1/MYK-8(V)	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
15	F77964	CS3, Dete support fecility, mobile, V-460/MYK-8(V)	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
16	M57481	CS3, Maintenence shop facility, mobile V-452/ MYK-8(V)	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
17	U43735	CS3, Storege facility, mobile, V-483/MYK-8(V)	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
18	J35801	CS3, Generetor, diesel engine, 10 C kw, 60 hz, mounted on M353, PU-495	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
19	X59326	CS3, Truck, trector, 5 ton, 6x6, WE, M818	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
		Class IIE–General Supply																		
20	C68966	Drum, febric, collepsible, liquid fuel, 500-gal capacity	0	19	3	12	26	0	21	0	0	0	0	0	5	45	0	0	15	141
		Class IIG–Electronics																		
21	C68719	Cable, telephone, WO-1/TT, OR-8 1,320-ft	0	39	66	179	84	82	84	10	30	49	147	2	116	1,044	60	475	105	2,397
22	C68856	Cable, telephone, WD-1/TT, RL-159/U 5,280-ft	0	12	18	95	10	140	0	40	120	0	0	1	16	144	0	24	2	621
23	C68993	Cable, telephone, WD-1/TT, 2 cond, field wire	2	0	18	162	8	222	19	26	78	0	0	0	69	621	0	0	0	1,130
24	R30662	Receiver-transmitter, control group, AN/GRA-6	0	2	2	9	1	4	7	0	0	0	0	0	0	0	2	10	0	37
25	U82529	Switchboard, telephone, menuel, S8-993/GT	0	0	9	0	8	0	0	0	0	3	9	1	8	72	0	12	0	111
26	V30937	Telephone set, TA-264/PT	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3
		Class VIIA–Air																		
27	K29660	Helicopter, etteck, AH-1G	0	6	0	0	0	0	27	0	0	0	0	0	0	0	0	0	0	33
28	K31042	Helicopter, observation, OH-58A	0	6	0	14	0	0	30	4	12	0	0	0	0	0	0	0	0	62
29	K31795	Helicopter, utility, UH-1H	0	30	0	0	1	0	28	2	6	0	0	0	0	0	0	0	0	65
30	T17090	Shop set, ecft maint, embl, UH-1, co size, DS	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
31	T17093	Shop set, acft meint, embl, UH-1/OH-6, co size, DS	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	3
32	W62611	Tool set, aviation unit maint set no 1, embl	0	6	0	2	0	0	10	1	3	0	0	0	0	0	0	0	0	21
33	W93995	Treiler, ecft maint, embl, 4-whl, 30/48-in trf reil system	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	6
34	X23227	Trensporter, embl, hyd lift, for sheltar end X-4 container	0	5	0	1	15	0	8	1	3	0	0	0	0	0	0	0	0	32
		Class VIIB–Troop Support																		
35	E68694	Compressor, rcp, power drvn, air rec, AC 208/416V, 60 cy, 3 ph, 15 CFM, 175 PSI	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
36	E69242	Compressor, rcp, power drvn, air rec, gas drvn, 15 CFM, 175 PSI	0	1	1	1	2	1	0	0	0	0	0	0	0	0	0	0	1	6
37	E70064	Compressor, rcp, power drvn, trk, 2-whl, pneu tires, gas drvn, 5 CFM, 175 PSI	1	3	3	4	13	2	5	1	3	0	0	1	2	18	1	5	4	63
38	E70201	Compressor, rcp, power drvn, trk, 2-whl, pneu tires, gas drvn, 8 CFM, 175 PSI	0	2	0	1	0	0	4	1	3	0	0	0	0	0	0	0	0	10
39	G02204	Detecting set, mine, ptbl, metallic end nonmetellic	0	0	42	14	9	8	2	0	0	1	3	3	4	36	1	5	4	127
40	G02341	Detecting set, mine, ptbl, metellic (AN/PSS-11)	0	0	35	14	10	8	4	0	0	2	6	3	8	72	1	5	7	165
41	H94824	Forward aree refueling equipment (FARE)	0	6	0	0	9	0	7	0	0	0	0	0	0	0	0	0	0	22
42	J04716	Fuel system, supply point, ptbl, 60,000-gal cap	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
43	J35492	Generetor set, dsl eng, 15 kw, 60 hz, mtd on M200 PU-405	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
44	J35629	Generator set, dsl eng, 60 kw, 60 hz	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
45	J35813	Generator set, dsl eng, 5 kw, 60 hz, 1-3 ph, AC 120/ 208, 120/240V	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2

Table 2–15. Summary of Equipment–Airborne Division–Continued

1	2		3	4	5	6	7	8	9	10	11	12		13	14	15	16	17	18	19
										Three bde HHC		Three antiarmor co			Nine abn inf bn					
1	*LIN*	*Nomenclature*	*HHC (57-4H)*	*Cbt avn bn (57-55H)*	*Engr bn (5-25H)*	*Div arty (6-200H)*	*DISCOM (29-51H)*	*Sig bn (11-215H)*	*Air cav sqdn (17-275H)*	*(57-42H) (1)*	*(3)*	*(7-107H) (1)*	*(3)*	*MP co (19-67H)*	*(7-35H) (1)*	*(9)*	*CBTI co (30-19H)*	*ADA bn (44-425H)*	*Lt armd bn (17-215H)*	*Div total (57H)*
46	J35835	Generator set, dsl eng, 15 kw, 60 hz, 3 ph, AC 120/208 240/416V, skid, tac util	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	9
47	J36109	Generator set, dsl eng, 30 kw, 60 hz, 3 ph, AC 120/208 240/416V, 50 hz, tac util	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
48	J36383	Generator set, dsl eng, tlr mtd, 30 kw, 60 hz, mtd on M200 PU-406	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	3
49	J36725	Generator set, dsl eng, 30 kw, AC 120/208 240/416V, 3 ph, 400 hz, tac precise	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
50	J41041	Generator set, gas eng, tlr mtd, PU-253/U	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
51	J41452	Generator set, gas eng, tlr mtd, 10 kw, 400 hz, mtd on M103 PU-304/MPQ-4	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	7
52	J42100	Generator set, gas eng, tlr mtd, 10 kw, 60 cy, 1 ph, AC 120/240V, PU-619/M	0	1	0	0	16	4	0	0	0	0	0	0	0	0	0	0	0	21
53	J42685	Generator set, gas eng, 0 3 kw, AC 115V, 1 ph, 400 hz, DC 24 to 35V	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
54	J42856	Generator set, gas eng, 0 5 kw, 28V, skid-shock, tac util	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
55	J42976	Generator set, gas eng, 0 5 kw, 60 cy, 1 ph, AC 120/240V, shock mtd	0	4	0	0	1	0	4	0	0	0	0	0	0	0	0	0	0	9
56	J43027	Generator set, gas eng, 0.5 kw, 400 hz, 1 ph, AC 120/240V, skid-shock, tac util	0	0	0	0	0	0	0	0	0	0	0	0	2	18	22	0	0	40
57	J43918	Generator set, gas eng, 1 5 kw, 60 hz, 1 ph, 2 wire, AC 120V, shock, tac util	1	16	8	14	56	11	21	5	15	1	3	2	2	18	6	10	3	184
58	J44055	Generator set, gas eng, 1.5 kw, DC 28V, shock, tac util	0	0	3	53	13	13	0	3	9	0	0	5	0	0	4	12	4	116
59	J45699	Generator set, gas eng, 3 kw, 60 hz, 1-3 ph, 120/240 120/208V, skid, tac util	0	0	17	1	16	58	1	1	3	0	0	0	0	0	0	0	1	97
60	J45836	Generator set, gas eng, 3 kw, 400 hz, 1-3 ph, AC 120/208/240V, tac util	0	0	0	14	0	0	0	0	0	0	0	0	0	0	2	0	0	16
61	J46110	Generator set, gas eng, 3 kw, DC 28V, skid-shock, tblr frame mtd, tac util	1	4	8	4	13	50	14	3	9	0	0	1	4	36	1	17	3	161
62	J46384	Generator set, gas eng, tlr mtd, 3 kw, 60 hz, 2 ea, mtd on M101 PU-617	0	0	0	0	0	6	0	0	0	0	0	0	0	0	1	0	0	7
63	J46692	Generator set, gas eng, DC, 5 kw, 28V, frame-shock mtd	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
64	J47068	Generator set, gas eng, 5 kw, 60 hz, 1-3 ph, AC 120/240 120/208V, skid, tac util	0	7	0	0	13	0	0	1	3	0	0	0	0	0	2	0	1	28
65	J47480	Generator set, gas eng, 5 kw, 60 cy, 1-3 ph, AC 120/240, 120/208V, PU-618/M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
66	J47617	Generator set, gas eng, tlr mtd, 5 kw, 60 hz, 2 ea, mtd on M116 PU-620	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	2	7
67	J48713	Generator set, gas eng, 5 kw, 400 hz, 1-3 ph, AC 120/240 120/208V, skid, tac util	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	8
68	J49055	Generator set, gas eng, 7 5 kw, DC 28.5V, whl mtd	0	6	0	2	0	0	10	1	3	0	0	0	0	0	0	0	0	21
69	J49398	Generator set, gas eng, 10 kw, 60 hz, 1-3 ph, AC 120/240 120/208V, tac util	0	0	0	0	16	0	0	0	0	0	0	0	0	0	0	0	0	16
70	L27293	Kit, firefighting, ambl	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0	3
71	L64131	Light set, marker, emergency, afld runway, ptbl, battery op	0	5	0	1	8	0	5	1	3	0	0	0	0	0	0	0	0	22
72	L85420	Lubricat-serv unit, power op, trlr mtd, 15 CF, air compressor, gas drvn, wzd	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
73	P11866	Pneu tool and compressor outfit, 250 CFM, trlr mtd	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
74	P91756	Pump cntrf, gas drvn, frame mtd, 1½-in, 65 GPM, 50 ft hd	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
75	P96640	Pumping assembly, flammable liquid, bulk transfer	0	0	1	6	1	0	0	0	0	0	0	0	0	0	0	0	4	12
76	T10138	Shop equip, contact maint, trk mtd	0	0	1	0	4	0	0	0	0	0	0	0	0	0	0	0	0	5
77	T13152	Shop equip, org rep, light trk mtd	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
78	U69083	Surveying instrument, azimuth, gyro, ltwt (SIAGL)	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	8
79	U69357	Surveying instrument, distance meas, electronic mwave, minatzd purpose	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	9
80	V12141	Tank and pump unit, liquid dispensing, truck mounting	0	5	2	0	5	1	16	0	0	0	0	0	0	0	0	0	0	29
81	V19950	Tank unit, liquid dispensing, tlr mounting	0	5	0	0	6	1	4	0	0	0	0	0	0	0	0	0	0	16
82	V71313	Test set, computer, TS-909/PPM	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5
83	V71450	Test set, computer logic unit	0	0	0	4	1	0	0	0	0	0	0	0	0	0	0	0	0	5
84	W07701	Theodolite, survey, direct 0 002 mil, 30-porm, 5 power detach tribrch	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	12

Table 2—15. Summary of Equipment—Airborne Division—Continued

1	2	3	4	5	6	7	8	9	10	11	12		13	14	15	16	17	18	19
											Three antiarmor co								
		HHC	Cbt avn bn	Engr bn	Div arty	DISCOM	Sig bn	Air cav sqdn	Three bde HHC (57-42H)		(7-107H)		MP co	Nina abn inf bn (7-35H)		CBTI co	ADA bn	Lt armd bn	Div total
1	*LIN* *Nomanclatura*	*(57-4H)*	*(57-55H)*	*(5-25H)*	*(6-200H)*	*(29-51H)*	*(11-215H)*	*(17-275H)*	*(1)*	*(3)*	*(1)*	*(3)*	*(19-67H)*	*(1)*	*(9)*	*(30-19H)*	*(44-425H)*	*(17-215H)*	*(57H)*
85	W07838 Theodolite survey, direct 0 2 mil, w/tripod and carrying case	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6
86	W32593 Shop equipment, automaint and rep, OM common no 1, less power	1	3	3	4	14	2	5	1	3	0	0	1	2	18	1	5	4	64
87	W32730 Shop equipment, auto maint and rep, OM common no 2, less power	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	1	4
88	W65747 Tool set, vehicle, full-tracked, org maint suppl no 2, less power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
89	Y35143 Water purif equip set, diatomite filter, 420 GPH	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
	Class VIIG—Electronics																		
90	A28833 Aircraft control, central, AN/TSQ-70, less power	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
91	867423 Binocular, electronic, AN/PAS-5	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
92	C69541 Cable, telephone, WF-16/U	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	16	0	19
93	E58601 Command console, electronic, AN/ASC-15	0	4	0	0	0	0	2	2	6	0	0	0	0	0	0	0	0	12
94	H76352 Flight coordination, central, AN/TSC-61, less power	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
95	L36402 Landing control, central, AN/TSQ-71, less power	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
96	L50318 Light, beacon, MX-7301/TVN	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	5
97	M36739 Meteorological station manual, AN/TMQ-4	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
98	N04730 Night vision sight, individual, served weapon, AN/PVS-2	0	0	29	0	0	0	44	0	0	0	0	0	83	747	0	0	74	894
99	N15518 Night vision sight, tripod, mtd, AN/TVS-4	0	0	0	0	0	0	3	0	0	0	0	0	9	81	0	0	4	88
100	Q15414 Radar set, AN/MPQ-4, less power	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	7
101	Q16110 Radar set, AN/PPS-5 less power	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	0	0	26
102	Q17332 Radar set, AN/TPS-25, less power	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
103	Q22382 Radio frequency monitor set, AN/USQ-46A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	0	0	28
104	Q32756 Radio set, AN/GRC-106	1	0	0	5	1	4	7	1	3	0	0	0	0	0	2	9	1	33
105	Q34308 Radio set, AN/GRC-160	0	1	9	92	0	0	23	2	6	22	66	1	14	126	8	49	10	391
106	Q38296 Radio set, AN/PRC-74	0	0	0	0	0	3	0	0	0	0	0	0	0	0	1	0	0	4
107	Q38299 Radio set, AN/PRC-77	1	18	43	44	8	6	48	9	27	18	54	0	75	675	37	22	3	986
108	Q38335 Radio set, AN/PRC-90	0	84	0	28	2	0	170	12	36	0	0	0	0	0	0	0	0	320
109	Q45779 Radio set, AN/VRC-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27	27
110	Q50421 Radio set, AN/VRC-24	0	2	0	0	0	0	1	1	3	0	0	0	0	0	0	0	0	6
111	Q53001 Radio set, AN/VRC-46	12	1	1	62	33	46	13	6	18	0	0	22	10	90	15	27	15	355
112	Q54174 Radio set, AN/VRC-47	0	7	2	9	29	0	28	0	0	4	12	4	15	135	2	32	13	273
113	Q55114 Radio set, AN/VRC-49	0	0	1	4	0	2	1	1	3	0	0	0	1	9	0	1	1	22
114	Q56783 Radio set, AN/VRC-64	0	0	7	0	4	0	3	1	3	0	0	0	0	0	0	0	33	50
115	Q78282 Radio set, control group, AN/GRA-39	1	8	6	95	31	18	10	11	33	4	12	4	16	144	12	80	25	479
116	Q90120 Radio teletypewriter set, AN/GRC-142	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	2	9
117	Q91301 Radio teletypewriter set, AN/VSC-2	0	0	2	0	0	21	2	1	3	0	0	0	1	9	0	2	0	39
118	Q92197 Radio terminal set, AN/MRC-127, less power	0	0	0	0	0	23	0	0	0	0	0	0	0	0	0	0	0	23
119	Q95810 Radiosonde baseline chack set, AN/GMM-1A	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
120	R16476 Rawin sat, AN/GMD-1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
121	R29799 Receiver set, radio, AN/PRR-9	0	0	0	0	0	0	0	0	0	0	0	8	54	486	0	0	0	494
122	R50043 Recording set, weather data, AN/TMQ-5	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
123	U81707 Switchboard, telaphone, manual, S8-22/PT	0	4	5	19	16	17	6	1	3	1	3	0	7	63	3	10	5	154
124	U82255 Switchboard, telaphone, manual, S8-86/P	0	0	0	2	0	2	0	2	6	0	0	0	0	0	0	0	0	10
125	V29156 Telaphone, central office group, AN/MTC-10	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
126	V30252 Telaphone set, TA-1/PT	0	0	9	48	0	0	20	0	0	36	108	4	73	657	0	40	13	899
127	V31211 Telaphone set, TA-312/PT	3	43	33	348	199	273	44	24	72	23	69	10	55	495	76	265	21	1,951
128	V38758 Telatypewriter, TT-537/G	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
129	V57914 Terminal telagraph-telephone, AN/TCC-29	0	1	0	0	0	10	0	2	6	0	0	0	0	0	2	0	0	19
130	X17820 Transmitter set, radio, AN/PRT-4	0	0	0	0	0	0	0	0	0	0	0	8	54	486	0	0	0	494
	Class VIIK—Tactical Vahicles																		
131	A93125 Armored reconnaissance, airborne-assault vehicle, full tracked, 152-mm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54	54
132	E02807 Chassis, trailer, generator, 2½-ton, 2-whl, WE	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
133	S72024 Semitrailer, stake, 12-ton, 4-whl, WE	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
134	S74490 Semitrailer, van, expansible, 6-ton, 4-whl, (Army)	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
135	W93961 Trailer, aircraft, cargo loading-unloading, 3½-ton, 4-whl, WE	0	0	0	0	16	0	0	0	0	0	0	0	0	0	0	0	0	18
136	W94030 Trailer, ammunition, 1½-ton, 2-whl, WE	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	24	30
137	W95400 Trailer, cargo, ¼-ton, 2-whl, WE	13	10	22	28	43	46	28	10	30	25	75	30	32	288	21	48	8	690
138	W95537 Trailer, cargo, ¾-ton, 2-whl, WE	8	19	27	164	30	0	0	0	0	0	0	2	7	63	13	40	12	378
139	W95811 Trailer, cargo, 1½-ton, 2-whl, WE	0	8	12	1	66	1	29	0	0	0	0	0	1	9	1	5	18	150
140	W98825 Trailer, tank, water, 400-gal, 1½-ton, 2-whl, WE	1	2	4	0	[illegible]	1	2	1	3	0	0	0	4	36	1	0	[illegible]	66

Table 2–15. Summary of Equipment—Airborne Division—Continued

1	2	3	4	5	6	7	8	9	10	11	12		13	14	15	16	17	18	19
											Three antiarmor								
			Cbt						Three bde HHC		co			Nine abn inf bn		CBTI		Lt armd	
1 LIN	Nomenclature	HHC (57-4H)	avn bn (57-55H)	Engr bn (5-25H)	Div arty (6-200H)	DISCOM (29-51H)	Sig bn (11-215H)	Air cav sqdn (17-275H)	(57-42H) (1)	(3)	(7-107H) (1)	(3)	MP co (19-67H)	(7-35H) (1)	(9)	co (30-19H)	ADA bn (44-425H)	bn (17-215H)	Div total (57H)
141 X38639	Truck, ambulance, ¼-ton, 4x4, WE	2	2	1	0	4	0	0	0	0	0	0	0	0	0	0	1	0	10
142 X38961	Truck, ambulance, 1¼-ton, 6x6, WE	0	0	0	4	28	0	2	0	0	0	0	0	3	27	0	0	3	64
143 X39432	Truck, cargo, 1¼-ton, 4x4 WE	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
144 X39735	Truck, cargo, ¾-ton, 4x4, WE	8	20	0	0	35	0	0	0	0	0	0	2	0	0	0	0	0	65
145 X39872	Truck, cargo, ¾-ton, 4x4, w/winch, WE	0	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	3
146 X39940	Truck, cargo, 1¼-ton, 6x6, WE	0	0	51	253	55	65	19	9	27	2	6	0	13	117	15	95	22	725
147 X40009	Truck, cargo, 2½-ton, 6x6, WE	1	5	7	7	67	5	28	0	0	0	0	0	5	45	1	0	16	182
148 X40077	Truck, cargo, drop side, 2½-ton, 6x6, WE	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
149 X40146	Truck, cargo, 2½-ton, 6x6, w/winch, WE	0	2	0	1	1	0	27	0	0	0	0	0	0	0	0	5	0	36
150 X40420	Truck, cargo, 2½-ton, 6x6, XLW8, w/winch, WE	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
151 X40831	Truck, cargo, 5-ton, 6x6, LW8, WE	0	5	0	0	7	0	0	0	0	0	0	0	0	0	0	0	6	18
152 X43297	Truck, dump, 2½-ton, 6x6, WE	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
153 X43434	Truck, dump, 2½-ton, 6x6, w/winch, WE	0	0	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17
154 X43708	Truck, dump, 5-ton, 6x6, WE	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
155 X55627	Truck, platform, utility, ½-ton, 4x4, WE	0	0	0	0	9	0	6	1	3	0	0	0	27	243	32	0	0	293
156 X58367	Truck, tank, water, 1,000-gal, 2½-ton, 6x6, WE	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	2
157 X59326	Truck, tractor, 5-ton, 6x6, WE	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
158 X60696	Truck, tractor, wrecker, 5-ton, 6x6, w/winch, WE	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
159 X60833	Truck, utility, ¼-ton, 4x4, WE	17	10	28	39	67	55	49	11	33	7	21	30	29	261	21	48	26	705
160 X62237	Truck, van, expansible, 5-ton, 6x6, WE	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
161 X62340	Truck, van, shop, 2½-ton, 6x6, WE	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	0	3
162 X63299	Truck, wrecker, 5-ton, 6x6, w/winch, WE	0	0	1	0	9	1	2	0	0	0	0	0	0	0	0	1	6	20
	Class VIIL—Missiles																		
163 G22933	Display set, target alert data (FAAR)	0	0	0	12	0	0	6	0	0	0	0	0	6	54	0	60	5	137
164 L45740	Launcher, tubular, guided missile (TOW)	0	0	0	0	0	0	6	0	0	18	54	0	12	108	0	0	0	168
165 Q16046	Radar set, AN/MPQ-49 (FAAR)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	8
166 V84002	Test set, radar, AN/MPM-59, OMTS (FAAR)	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	0	3
167 X45317	Truck, guided missile (TOW)	0	0	0	0	0	0	6	0	0	18	54	0	12	108	0	0	0	168
168 X45549	Truck, guided missile equip, jeep (TOW)	0	0	0	0	0	0	6	0	0	18	54	0	12	108	0	0	0	168
	Class VIIM—Weapons																		
169 A22496	Aiming circle	0	0	0	32	0	0	0	0	0	0	0	0	5	45	0	0	0	77
170 A89820	Armament, pod, aircraft, 7.62-mm, machinegun, w/o weapon	0	4	0	0	0	0	18	0	0	0	0	0	0	0	0	0	0	22
171 A89992	Armament subsystem, helicopter, 20-mm, automatic gun	0	2	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	14
172 A90118	Armament subsystem, helicopter, 7 62-mm, machine-gun, light, w/o weapons, WE	0	30	0	0	1	0	28	2	6	0	0	0	0	0	0	0	0	65
173 A90437	Armament subsystem, helicopter, 7.62-mm, machine-gun, 40-mm launcher, hi rata, w/o weapons	0	6	0	0	0	0	27	0	0	0	0	0	0	0	0	0	0	33
174 E76866	Computer, gun direction	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6
175 J96845	Gun, air defense artillery, towed, 20-mm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48	0	48
176 K57392	Howitzer, light, towed, 105-mm	0	0	0	54	0	0	0	0	0	0	0	0	0	0	0	0	0	54
177 L44174	Launcher, grenade, aircraft, 40-mm left or right hand feed	0	6	0	0	0	0	27	0	0	0	0	0	0	0	0	0	0	33
178 L44595	Launcher, grenade, 40-mm, single shot rifle, mtd detachable, WE	0	18	61	158	49	12	84	4	12	0	0	13	75	675	4	68	20	1,174
179 L45016	Launcher, rocket, aircraft, 2.75-in	0	6	0	0	0	0	36	0	0	0	0	0	0	0	0	0	0	42
180 L45063	Launcher, rocket, aircraft, 2 75-in, 19 tube (repair-able)	0	8	0	0	0	0	60	0	0	0	0	0	0	0	0	0	0	68
181 L45250	Launcher, rocket, 66-mm, 4-tube	0	0	0	0	0	0	6	0	0	0	0	0	6	54	0	0	5	65
182 L91838	Machinegun, cal .50, H8, flexible, vehicle mtd	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54	54
183 L91975	Machinegun, cal .50, H8, flaxible for ground use	0	0	4	0	0	0	21	0	0	0	0	0	0	0	0	0	15	40
184 L92260	Machinegun, 7.62-mm, aircraft, light door, mtd	0	60	0	0	2	0	56	4	12	0	0	0	0	0	0	0	0	130
185 L92323	Machinegun, 7 62-mm, six barrels	0	10	0	0	0	0	45	0	0	0	0	0	0	0	0	0	0	55
186 L92386	Machinegun, 7.62-mm, light, flexible	0	12	44	97	66	4	60	0	0	0	0	8	26	234	0	20	12	557
187 M68008	Mortar, 81-mm on mount	0	0	0	0	0	0	3	0	0	0	0	0	9	81	0	0	0	84
188 M68282	Mortar, 4.2-in, on mount	0	0	0	0	0	0	0	0	0	0	0	0	4	36	0	0	0	36
189 M75577	Mount, tripod, machinegun, heavy, cal .50	0	0	0	0	0	0	21	0	0	0	0	0	0	0	0	0	15	36
190 M75714	Mount, tripod, machinegun, 7.62-mm	0	12	44	97	66	4	30	0	0	0	0	8	26	234	0	20	12	527
191 N96741	Pistol, cal .45, automatic	36	0	21	68	89	9	19	10	30	41	123	142	115	1,035	18	14	230	1,834
192 R12989	Range finder, fire control, WE (laser)	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	3
193 R91107	Revolver, cal .38, 2-in, barrel	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
194 R91244	Revolver, cal .38, special, 4-in barrel	0	142	0	17	18	0	250	11	33	0	0	0	0	0	0	0	0	460
195 R94977	Rifle, 5 56-mm, WE	136	244	553	1,586	2,270	538	687	97	291	67	201	151	662	5,958	220	529	243	13,607
196 U56346	Submachinegun, cal 45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	108	108

Table 2—15. Summary of Equipment—Airborne Division

1	1	2	3	4	5	6	7	8	9	10	11	12		13	14	15	16	17	18	19
												Three antiarmor co								
1	*LIN*	*Nomenclature*	*HHC (57-4H)*	*Cbt avn bn (57-55H)*	*Engr bn (5-25H)*	*Div arty (6-200H)*	*DISCOM (29-51H)*	*Sig bn (11-215H)*	*Air cav sqdn (17-275H)*	*Three bde HHC (57-42H) (1)*	*(3)*	*(1)*	*(3)*	*MP co (19-67H)*	*Nine abn inf bn (7-35H) (1)*	*(9)*	*CBTI co (30-19H)*	*ADA bn (44-425H)*	*Lt armd bn (17-215H)*	*Div total (57H)*
		Class VIIQ—Marine Equipment																		
197	884404	Boat, reconnaissance, pneu 3-man	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
		Class VIIU—COMSEC Material																		
198	E45766	Code changer key, KIK-18/TSEC	0	15	0	5	1	0	34	2	6	0	0	0	0	0	0	9	0	70
199	E45820	Code changer key, KYK-28/TSEC	5	17	6	37	10	13	41	5	15	1	3	5	12	108	55	7	9	331
200	H02300	Electronic teletypewriter security equipment, TSEC/KW-7	0	1	2	7	0	55	2	5	15	0	0	0	1	9	0	2	2	95
201	P43177	Power supply essembly, vehicular, Z-ACD	11	7	12	58	17	30	17	8	24	1	3	7	17	153	24	11	23	397
202	U01295	Speech security equipment, abn, TSEC/KY-28	0	54	0	14	1	2	91	6	18	0	0	0	0	0	0	0	0	180
203	U01305	Speech security equipment, TSEC/KY-38	11	8	13	59	17	30	17	11	33	4	12	7	17	153	58	11	23	452
204	V08721	Tactical digital regenerative repeater, portable, HYL-3/TSEC	0	0	1	4	0	8	1	1	3	0	0	0	1	9	0	1	1	28
		Class VIIW—Ground: Construction and MHE																		
205	F39172	Crane, whl, mtd, 3-ton	0	1	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	4
206	G34805	Dolly set, lift, transportable shelter, 2½-ton	0	0	0	0	36	2	0	0	0	0	0	0	0	0	0	0	0	38
207	J74920	Grader, road, motorized, dsl drvn, 10,000-lb, 12 ft blede w/lean front whl	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
208	S10682	Roller, towed, vibrating, ded/gas, 1 drum, 5-ton	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
209	S12575	Roller, towed, sheepsfoot, 2 dr	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
210	W76268	Tractor, full tracked, low speed, dsl, light dbp sectionalized, air transporting, w/ATT	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
211	W76302	Tractor, whl, ind, dsl drvn, 5,089 dbp, w/backhoe, w/loader, scoop-type	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
212	W89557	Tractor, wheeled, warehouse, gas, 4,000 lb	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
213	X48914	Truck, lift, fork, dsl drvn, 6,000 lb cap, rough terrain	0	0	2	0	5	0	7	0	0	0	0	0	0	0	0	0	0	14
214	X49051	Truck, lift, fork, dsl drvn, 10,000-lb cap, rough terrain	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
215	X52476	Truck, lift, fork, gas, pt 10,000 lb, rough terrain	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
216	X52818	Truck, lift, fork, rough terrain, 3,000-lb	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

Table 2—16. Summary of Equipment—Airborne Division Artillery; Field Artillery Battalion, 105-mm, Towed, Airborne Division; Air Defense Artillery Battalion, Vulcan, Towed, Airborne Division

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		Abn div arty					FA bn				ADA bn			
				Three FA bn, 105-mm, towed (6-205H)				Three FA btry, 105-mm, towed (6-207H)				Four ADA btry Vulcan, towed (44-427H)		
1 LIN	Nomenclature	HHB (6-201H)	Tgt Acq Btry (6-307H)	(1)	(3)	Div arty total (6-200H)	HQ H&S btry (6-206H)	(1)	(3)	Bn total (6-205H)	HHB (44-426H)	(1)	(4)	Bn total (44-425H)
	Class IIA—Air													
2 M02504	Maintenance platform, hydraulic, adjustable type, 3 to 7 ft high	2	0	0	0	2	0	0	0	0	0	0	0	0
	Class IIB—Troop Support													
3 K39774	Hoisting unit, truck mounting, org, maint set, no 7	0	0	0	0	0	0	0	0	0	0	1	4	4
4 V84014	Test set, radar, AN/TPM-23 (VADS)	0	0	0	0	0	0	0	0	0	0	2	8	8
5 W32867	Shop equipment, auto maint and rep, org sup no 1, less power	1	0	1	3	4	1	0	0	1	1	1	4	5
	Class IIE—General Supply													
6 G68966	Drum, fabric, collapsible, liquid fuel, 500-gal cap	6	0	2	6	12	2	0	0	2	0	0	0	0
	Class IIG—Electronics													
7 C68719	Cable, telephone, WO-1/TT, OR-8, 1,320 ft	20	27	44	132	179	17	9	27	44	39	109	436	475
8 C68856	Cable, telephone, WD-1/TT, RL-159/U, 5,280 ft	31	40	8	24	95	8	0	0	8	12	3	12	24
9 C68993	Cable, telephone, WD-1/TT, 2 cond, field wire	30	0	44	132	162	14	10	30	44	0	0	0	0
10 R30662	Receiver-transmitter, control group, AN/GRA-6	6	0	1	3	9	1	0	0	1	6	1	4	10
11 U82529	Switchboard, telephone, manual, SB-993/GT	0	0	0	0	0	0	0	0	0	0	3	12	12
12 V30937	Telephone set, TA-264/PT	0	0	1	3	3	1	0	0	1	0	0	0	0
	Class VIIA—Air													
13 K31042	Helicopter, observation, OH-58A	14	0	0	0	14	0	0	0	0	0	0	0	0
14 W62611	Tool set, aviation unit, maint set, no 1, ambl	2	0	0	0	2	0	0	0	0	0	0	0	0
15 X23227	Transporter, ambl, hydraulic lift, for shelter and X4 container	1	0	0	0	1	0	0	0	0	0	0	0	0
	Class VIIB—Troop Support													
16 E70064	Compressor, power drvn, trk, 2-whl pneu tires, gas drvn, 5 CFM, 175 PSI	1	0	1	3	4	1	0	0	1	1	1	4	5
17 E70201	Compressor, RCP, power drvn, trk, 2-whl, pneu tires, gas drvn, 8 CFM, 175 PSI	1	0	0	0	1	0	0	0	0	0	0	0	0
18 G02204	Detecting set, mine, ptbl metallic and nonmetallic	1	1	4	12	14	1	1	3	4	1	1	4	5
19 G02341	Detecting set, mine, ptbl metallic (AN/PSS-11)	1	1	4	12	14	1	1	3	4	1	1	4	5
20 J41452	Generator set, gas eng, tlr mtd, 10 kw, 400 hz, mtd on M103 PU-304/MPQ-4	2	5	0	0	7	0	0	0	0	0	0	0	0
21 J43918	Generator set, gas eng, 1.5 kw, 60 hz, 1 ph, 2 wire, AC 120V, shock, tac util	4	4	2	6	14	2	0	0	2	2	2	8	10
22 J44055	Generator set, gas eng, 1.5 kw, DC 28V, shock, tac util	8	6	13	39	53	7	2	6	13	4	2	8	12
23 J45699	Generator set, gas eng, 3 kw, 60 hz, 1-3 ph, 120/240, 120/208V, skid, tac util	1	0	0	0	1	0	0	0	0	0	0	0	0

Table 2–16. Summary of Equipment–Airborne Division Artillery; Field Artillery Battalion, 105-mm, Towed, Airborne Division; Air Defense Artillery Battalion, Vulcan, Towed, Airborne Division–Continued

1	2		3	4	5	6	7	8	9	10	11	12	13	14	15
			Abn div arty					FA bn				ADA bn			
					Three FA bn, 105-mm, towed (6-205H)				Three FA btry, 105-mm, towed (6-207H)				Four ADA btry Vulcan, towed (44-427H)		
1	LIN	Nomenclature	HHB (6-201H)	Tgt Acq Btry (6-307H)	(1)	(3)	Div arty total (6-200H)	HQ H&S btry (6-206H)	(1)	(3)	Bn total (6-205H)	HHB (44-426H)	(1)	(4)	Bn total (44-425H)
24	J45836	Generator set, gas eng, 3 kw, 400 hz, 1-3 ph, AC 120/208/240V, tac util	2	6	2	6	14	2	0	0	2	0	0	0	0
25	J46110	Generator set, gas eng, 3 kw, DC 28V, skid-shock, tblr frame mtd, tac util	1	0	1	3	4	1	0	0	1	9	2	8	17
26	J47617	Generator set, gas eng, tlr mtd, 5 kw, 60 hz, 2 ea, mtd on M116 PU-620	5	0	0	0	5	0	0	0	0	0	0	0	0
27	J48713	Generator set, gas eng, 5 kw, 400 hz, 1-3 ph, AC 120/240, 120/208V, skid, tac util	0	0	0	0	0	0	0	0	0	8	0	0	8
28	J49055	Generator set, gas eng, 7.5 kw, DC 28.5V, whl mtd	2	0	0	0	2	0	0	0	0	0	0	0	0
29	L64131	Light set, marker, emergency, afld, runway, ptbl, battery op	1	0	0	0	1	0	0	0	0	0	0	0	0
30	P96640	Pumping assembly, flammable liquid, bulk transfer	3	0	1	3	6	1	0	0	1	0	0	0	0
31	U69083	Surveying instrument, azimuth, gyro, lightweight (SIAGL)	1	4	1	3	8	1	0	0	1	0	0	0	0
32	U69357	Surveying instrument, distance meas, electronic mwave, minatzd purp	3	6	0	0	9	0	0	0	0	0	0	0	0
33	V71313	Test set, computer, TS-909/PPM	0	5	0	0	5	0	0	0	0	0	0	0	0
34	V71450	Test set, computer logic unit	1	0	1	3	4	1	0	0	1	0	0	0	0
35	W07701	Theodolite, survey, direct 0.002 mil, 30 porm, 5 power detachable tribrch	4	8	0	0	12	0	0	0	0	0	0	0	0
36	W07838	Theodolite survey, direct, 0.2 mil w/tripod and carrying case	0	0	2	6	6	2	0	0	2	0	0	0	0
37	W32593	Shop equipment, auto maint and rep, OM common no 1, less power	1	0	1	3	4	1	0	0	1	1	1	4	5
		Class VIIG–Electronics													
38	B67423	Binocular, electronic, AN/PAS-5	2	0	0	0	2	0	0	0	0	0	0	0	0
39	C69541	Cable, telephone, WF-16/U	0	0	0	0	0	0	0	0	0	8	2	8	16
40	M36739	Meteorological station, manual, AN/TMQ-4	1	0	0	0	1	0	0	0	0	0	0	0	0
41	Q15414	Radar set, AN/MPQ-4, less power	2	5	0	0	7	0	0	0	0	0	0	0	0
42	Q17332	Radar set, AN/TPS-25, less power	0	1	0	0	1	0	0	0	0	0	0	0	0
43	Q32756	Radio set, AN/GRC-106	2	0	1	3	5	1	0	0	1	5	1	4	9
44	Q34308	Radio set, AN/GRC-160	10	13	23	69	92	17	2	6	23	1	12	48	49
45	G38299	Radio set, AN/PRC-77	4	4	12	36	44	3	3	9	12	2	5	20	22
46	Q38335	Radio set, AN/PRC-90	28	0	0	0	28	0	0	0	0	0	0	0	0
47	Q53001	Radio set, AN/VRC-46	9	11	14	42	62	5	3	9	14	23	1	4	27
48	Q54174	Radio set, AN/VRC-47	1	2	2	6	9	2	0	0	2	8	6	24	32
49	Q55114	Radio set, AN/VRC-49	1	0	1	3	4	1	0	0	1	1	0	0	1
50	Q78282	Radio set, control group, AN/GRA-39	13	19	21	63	95	12	3	9	21	8	18	72	80
51	Q90120	Radio teletypewriter set, AN/GRC-142	4	0	1	3	7	1	0	0	1	0	0	0	0

Table 2—16. Summary of Equipment—Airborne Division Artillery; Field Artillery Battalion, 105-mm, Towed, Airborne Division; Air Defense Artillery Battalion, Vulcan, Towed, Airborne Division—Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		Abn div arty					*FA bn*				*ADA bn*			
				Three FA bn, 105-mm, towed					*Three FA btry, 105-mm, towed*				*Four ADA btry Vulcan, towed*	
1	*LIN*	*Nomenclature*	*HHB (6-201H)*	*Tgt Acq Btry (6-307H)*	*(1)*	*(3)*	*Div arty total (6-200H)*	*HQ H&S btry (6-206H)*	*(1)*	*(3)*	*Bn total (6-205H)*	*HHB (44-426H)*	*(1)*	*(4)*	*Bn total (44-425H)*
52	Q91301	Radio teletypewriter set, AN/VSC-2	0	0	0	0	0	0	0	0	0	2	0	0	2
53	Q95810	Radiosonde baseline check set, AN/GMM-1A	1	0	0	0	1	0	0	0	0	0	0	0	0
54	R16476	Rawin set, AN/GMD-1	1	0	0	0	1	0	0	0	0	0	0	0	0
55	R50043	Recording set, weather data, AN/TMQ-5	1	0	0	0	1	0	0	0	0	0	0	0	0
56	U81707	Switchboard, telephone, manual, SB-22/PT	1	0	6	18	19	3	1	3	6	2	2	8	10
57	U82255	Switchboard, telephone, manual, SB-86/P	2	0	0	0	2	0	0	0	0	0	0	0	0
58	V30252	Telephone set, TA-1/PT	0	0	16	48	48	7	3	9	16	8	8	32	40
59	V31211	Telephone set, TA-312/PT	56	22	90	270	348	36	18	54	90	29	59	236	265
60	V38758	Teletypewriter, TT-537/G	1	0	0	0	1	0	0	0	0	0	0	0	0
		Class VIIK—Tactical Vahicles													
61	W95400	Trailer, cargo, ¼-ton, 2-whl, WE	10	6	4	12	28	4	0	0	4	16	8	32	48
62	W95537	Trailer, cargo, ¾-ton, 2-whl, WE	21	14	43	129	164	25	6	18	43	16	6	24	40
63	W95811	Trailer, cargo, 1½-ton, 2-whl, WE	0	1	0	0	1	0	0	0	0	1	1	4	5
64	X38639	Truck, ambulance, ¼-ton, 4x4, WE	0	0	0	0	0	0	0	0	0	1	0	0	1
65	X38961	Truck, ambulance, 1¼-ton, 6x6, WE	1	0	1	3	4	1	0	0	1	0	0	0	0
66	X39940	Truck, cargo, 1¼-ton, 6x6, WE	26	20	69	207	253	33	12	36	69	19	19	76	95
67	X40009	Truck, cargo, 2½-ton, 6x6, WE	2	5	0	0	7	0	0	0	0	0	0	0	0
68	X40146	Truck, cargo, 2½-ton, 6x6, w/winch, WE	0	1	0	0	1	0	0	0	0	1	1	4	5
69	X60833	Truck, utility, ¼-ton, 4x4, WE	15	12	4	12	39	4	0	0	4	16	8	32	48
70	X63299	Truck, wrecker, 5-ton, 6x6, w/winch, WE	0	0	0	0	0	0	0	0	0	1	0	0	1
		Class VIIL—Missilas													
71	G22933	Display set, target alert data (FAAR)	0	0	4	12	12	4	0	0	4	0	15	60	60
72	Q16046	Radar set, AN/MPQ-49 (FAAR)	0	0	0	0	0	0	0	0	0	8	0	0	8
73	V84002	Test set, radar, AN/MPM-59, OMTS (FAAR)	0	0	0	0	0	0	0	0	0	1	0	0	1
		Class VIIM—Weapons													
74	A22496	Aiming circle	2	6	8	24	32	2	2	6	8	0	0	0	0
75	E76866	Computer, gun direction	1	2	1	3	6	1	0	0	1	0	0	0	0
76	J96845	Gun, ADA, towed, 20-mm	0	0	0	0	0	0	0	0	0	0	12	48	48
77	K57392	Howitzer, light, towed, 105-mm	0	0	18	54	54	0	6	18	18	0	0	0	0
78	L44595	Launcher, grenade, 40-mm, single shot rifle, mtd, detachable, WE	7	16	45	135	158	6	13	39	45	4	16	64	68
79	L92386	Machinegun, 7.62-mm, light, flexible	9	13	25	75	97	7	6	18	25	4	4	16	20
80	M75714	Mount, tripod, machinegun, 7.62-mm	9	13	25	75	97	7	6	18	25	4	4	16	20
81	N96741	Pistol, cal .45, automatic	19	1	16	48	68	13	1	3	16	10	1	4	14
82	R91244	Revolver, cal .38, special, 4-in barrel	17	0	0	0	17	0	0	0	0	0	0	0	0
83	R94977	Rifle, 5.56-mm, WE	201	140	415	1,245	1,586	151	88	264	415	121	102	408	529

Table 2–16. Summary of Equipment–Airborne Division Artillery; Field Artillery Battalion, 105-mm, Towed, Airborne Division; Air Defense Artillery Battalion, Vulcan, Towed, Airborne Division–Continued

1	2		3	4	5	6	7	8	9	10	11	12	13	14	15
			Abn div arty					*FA bn*				*ADA bn*			
1	*LIN*	*Nomenclature*	*HHB (6-201H)*	*Tgt Acq Btry (6-307H)*	*Three FA bn, 105-mm, towed (6-205H) (1)*	*(3)*	*Div arty total (6-200H)*	*HQ H&S btry (6-206H)*	*Three FA btry, 105-mm, towed (6-207H) (1)*	*(3)*	*Bn total (6-205H)*	*HHB (44-426H)*	*Four ADA btry Vulcan, towed (44-427H) (1)*	*(4)*	*Bn total (44-425H)*
		Class VIIU–COMSEC Materiel													
84	E45766	Code changer key, KIK-18/TSEC	5	0	0	0	5	0	0	0	0	9	0	0	9
85	E45820	Code changer key, KYK-28/TSEC	9	1	9	27	37	6	1	3	9	3	1	4	7
86	H02300	Electronic teletypewriter security equipment, TSEC/KW-7	4	0	1	3	7	1	0	0	1	2	0	0	2
87	P43177	Power supply assembly, vehicular, Z-ACD	9	1	16	48	58	10	2	6	16	7	1	4	11
88	U01295	Speech security equipment abn, TSEC/KY-28	14	0	0	0	14	0	0	0	0	0	0	0	0
89	U01305	Speech security equipment, TSEC/KY-38	9	2	16	48	59	10	2	6	16	7	1	4	11
90	V08721	Tactical digital regenerative repeater, portable, HYL-3/TSEC	1	0	1	3	4	1	0	0	1	1	0	0	1

Table 2–17. Summary of Equipment–Combat Aviation Battalion/Engineer Battalion/Signal Battalion, Airborne Division

1	2	3	4	5	6	7	8	9	10	11	12	13	14
		Combat aviation bn				*Engineer bn*				*Signal bn*			
1	*LIN*	*Nomenclature*	*HHC (57-56H)*	*Aslt hel co (57-57H)*	*Avn GS co (57-58H)*	*Bn total (57-55H)*	*HHC (5-26H)*	*Three engr co (5-27H) (1)*	*(3)*	*Bn total (5-25H)*	*HHC (11-216H)*	*Comd op co (11-217H)*	*Spt op co (11-218H)*	*Bn total (11-215H)*
		Class IIA–Air												
2	M02470	Maintenance platform, hydraulic adjustable to 10 ft high, 44½-in wide	0	4	2	6	0	0	0	0	0	0	0	0
3	M02504	Maintenance platform, hydraulic adjustable type, 3 to 7 ft high	0	4	2	6	0	0	0	0	0	0	0	0
		Class IIB–Troop Support												
4	L64542	Light set, operational area, acft, ½ kw, heliport (Army)	0	3	1	4	0	0	0	0	0	0	0	0
5	W32867	Shop equipment, auto maint and rep, org sup no 1, less power	1	1	1	3	0	1	3	3	0	0	0	0
		Class IIE–General Supply												
6	G68966	Drum, fabric, collapsible, liquid fuel, 500-gal cap	1	12	6	19	3	0	0	3	0	0	0	0
		Class IIG–Electronics												
7	C68719	Cable, telephone, WO-1/TT, OR-8 1,320 ft	15	12	12	39	9	19	57	66	24	34	24	82
8	C68856	Cable, telephone, WD-1/TT, RL-1,590, 5,280 ft	4	4	4	12	6	4	12	18	0	104	36	140
9	C68993	Cable, telephone, WD-1/TT, 2 cond, field wire	0	0	0	0	6	4	12	18	0	180	42	222
10	R30662	Receiver-transmitter, control group, AN/GRA-6	0	1	1	2	2	0	0	2	1	3	0	4
11	U82529	Switchboard, telephone, manual, SB-993/GT	0	0	0	0	0	3	9	9	0	0	0	0
		Class VIIA–Air												
12	K29660	Helicopter, attack, AH-1G	0	6	0	6	0	0	0	0	0	0	0	0
13	K31042	Helicopter, observation, OH-58A	0	0	6	6	0	0	0	0	0	0	0	0
14	K31795	Helicopter, utility, UH-1H	0	23	7	30	0	0	0	0	0	0	0	0
15	T17090	Shop set, acft maint, ambl, UH-1, co size, DS	0	1	0	1	0	0	0	0	0	0	0	0
16	W62611	Tool set, aviation unit, maint set no 1, ambl	0	4	2	6	0	0	0	0	0	0	0	0
17	X23227	Transporter ambl, hydraulic lift, for shelter and X-4 container	0	5	0	5	0	0	0	0	0	0	0	0
		Class VIIB–Troop Support												
18	E69242	Compressor, RCP, power drvn, air rec, gas drvn, 15 CFM, 175 PSI	0	1	0	1	1	0	0	1	1	0	0	1
19	E70064	Compressor, RCP, power drvn, trk, 2-whl, pneu tires, gas drvn, 5 CFM, 175 PSI	1	1	1	3	0	1	3	3	0	1	1	2
20	E70201	Compressor, rcp, power drvn, trk, 2-whl, pneu tires, gas drvn, 8 CFM, 175 PSI	0	1	1	2	0	0	0	0	0	0	0	0
21	G02204	Detecting set, mine, ptbl, metallic and nonmetallic	0	0	0	0	3	13	39	42	0	4	4	8
22	G02341	Detecting set, mine, ptbl, metallic (AN/PSS-11)	0	0	0	0	5	10	30	35	0	4	4	8
23	H94824	Forward area refueling equipment (FARE)	0	4	2	6	0	0	0	0	0	0	0	0
24	J36383	Generator set, dsl eng, tlr mtd, 30 kw, 60 hz, mtd on M200 PU-406	1	0	0	1	0	0	0	0	0	0	0	0

Table 2–17. Summary of Equipment–Combat Aviation Battalion/Engineer Battalion/Signal Battalion, Airborne Division–Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14
		Combat aviation bn				*Engineer bn*				*Signal bn*			
1	*LIN*	*Nomenclature*	*HHC (57-56H)*	*Aslt hel co (57-57H)*	*Avn GS co (57-58H)*	*Bn total (57-55H)*	*HHC (5-26H)*	*Three engr co (5-27H) (1)*	*(3)*	*Bn total (5-25H)*	*HHC (11-216H)*	*Comd op co (11-217H)*	*Spt op co (11-218H)*	*Bn total (11-215H)*
25	J41041	Generator set, gas eng, tlr mtd, PU-253/U	1	0	0	1	0	0	0	0	0	0	0	0
26	J42100	Generator set, gas eng, tlr mtd, 10 kw, 60 cy, 1 ph 120/240V, PU-619/M	1	0	0	1	0	0	0	0	4	0	0	4
27	J42685	Generator set, gas eng, 0.3 kw, AC 115V 1 ph, 400 hz, DC 24 to 35V	2	0	0	2	0	0	0	0	0	0	0	0
28	J42976	Generator set, gas eng, 0.5 kw, 60 cy, 1 ph, AC 120/240V, shock, mtd	0	3	1	4	0	0	0	0	0	0	0	0
29	J43918	Generator set, gas eng, 1.5 kw, 60 hz, 1 ph 2 wire, AC 120V, shock, tac util	5	6	5	16	2	2	6	8	5	5	1	11
30	J44055	Generator set, gas eng, 1.5 kw, DC 28V, shock, tac util	0	0	0	0	0	1	3	3	2	0	11	13
31	J45699	Generator set, gas eng, 3 kw, 60 hz, 1-3 ph, 120/240 120/208V, skid, tac util	0	0	0	0	8	3	9	17	0	18	40	58
32	J46110	Generator set, gas eng, 3 kw, DC 28V, skid-shock tblr frame mtd, tac util	1	1	2	4	5	1	3	8	2	18	30	50
33	J46384	Generator set, gas eng, tlr mtd, 3 kw, 60 hz, 2 ea, mtd on M101 PU-617	0	0	0	0	0	0	0	0	4	2	0	6
34	J47068	Generator set, gas eng, 5 kw, 60 hz, 1-3 ph, AC 120/240 120/208V, skid, tac util	1	4	2	7	0	0	0	0	0	0	0	0
35	J49055	Generator set, gas eng, 7.5 kw, DC 28.5V, whl mtd	0	4	2	6	0	0	0	0	0	0	0	0
36	L64131	Light set, marker, emergency, afld runway, ptbl, battery op	0	3	2	5	0	0	0	0	0	0	0	0
37	L85420	Lubricat-service unit, power op, tlr mtd, 15 cu ft air compressor, gas drvn, WZD	0	0	0	0	1	0	0	1	0	0	0	0
38	P11866	Pneumatic tool and compressor outfit, 250 CFM, trlr mtd	0	0	0	0	2	0	0	2	0	0	0	0
39	P91756	Pump cntrf, gas drvn, frame mtd, 1½-in 65 GPM, 50-ft hd	0	0	0	0	2	2	6	8	0	0	0	0
40	P96640	Pumping assembly, flammable liquid, bulk transfer	0	0	0	0	1	0	0	1	0	0	0	0
41	T10138	Shop equip, contact maint, trk mtd	0	0	0	0	1	0	0	1	0	0	0	0
42	T13152	Shop equip, org rep, light trk mtd	0	0	0	0	1	0	0	1	0	0	0	0
43	V12141	Tank and pump unit, liquid dispensing, truck mounting	0	3	2	5	2	0	0	2	1	0	0	1
44	V19950	Tank unit, liquid dispensing, trailer mounting	0	3	2	5	0	0	0	0	1	0	0	1
45	W32593	Shop equip, auto maint and rep, OM common no 1, less power	1	1	1	3	0	1	3	3	0	1	1	2
46	W32730	Shop equip, auto maint and rep, OM common no 2, less power	0	0	0	0	1	0	0	1	1	0	0	1
47	Y35143	Water purif equip set, diatomite filter, 420 GPH	0	0	0	0	8	0	0	8	0	0	0	0
		Class VIIG–Electronics												
48	A28833	Aircraft control, central, AN/TSQ-70, less power	1	0	0	1	0	0	0	0	0	0	0	0

Table 2–17. Summary of Equipment–Combat Aviation Battalion/Engineer Battalion/Signal Battalion, Airborne Division—Continued

1	2		3	4	5	6	7	8	9	10	11	12	13	14
			Combat aviation bn				Engineer bn				Signal bn			
1	LIN	Nomenclature	HHC (57-56H)	Aslt hel co (57-57H)	Avn GS co (57-58H)	Bn total (57-55H)	HHC (5-26H)	Three engr co (5-27H) (1)	(3)	Bn total (5-25H)	HHC (11-216H)	Comd op co (11-217H)	Spt op co (11-218H)	Bn total (11-215H)
49	E58601	Command, console, electronic, AN/ASC-15	0	0	4	4	0	0	0	0	0	0	0	0
50	H76352	Flight coordination, central AN/TSC-61, less power	1	0	0	1	0	0	0	0	0	0	0	0
51	L36402	Landing control, central, AN/TSQ-71, less power	1	0	0	1	0	0	0	0	0	0	0	0
52	N04730	Night vision sight, individual, servep weapon, AN/PVS-2	0	0	0	0	2	9	27	29	0	0	0	0
53	Q32756	Radio set, AN/GRC-106	0	0	0	0	0	0	0	0	1	3	0	4
54	Q34308	Radio set, AN/GRC-160	0	0	1	1	0	3	9	9	0	0	0	0
55	Q38296	Radio set, AN/PRC-74	0	0	0	0	0	0	0	0	0	3	0	3
56	Q38299	Radio set, AN/PRC-77	2	10	6	18	13	10	30	43	0	6	0	6
57	Q38335	Radio set, AN/PRC-90	0	58	26	84	0	0	0	0	0	0	0	0
58	Q50421	Radio set, AN/VRC-24	0	1	1	2	0	0	0	0	0	0	0	0
59	Q53001	Radio set, AN/VRC-46	1	0	0	1	1	0	0	1	9	20	17	46
60	Q54174	Radio set, AN/VRC-47	3	2	2	7	2	0	0	2	0	0	0	0
61	Q55114	Radio set, AN/VRC-49	0	0	0	0	1	0	0	1	0	0	2	2
62	Q56783	Radio set, AN/VRC-64	0	0	0	0	1	2	6	7	0	0	0	0
63	Q78282	Radio set, control group, AN/GRA-39	3	2	3	8	3	1	3	6	4	12	2	18
64	Q91301	Radio teletypewriter set, AN/VSC-2	0	0	0	0	2	0	0	2	0	6	15	21
65	Q92197	Radio terminal set, AN/MRC-127 less power	0	0	0	0	0	0	0	0	0	8	15	23
66	U81707	Switchboard, telephone, manual, SB-22/PT	2	1	1	4	2	1	3	5	6	4	7	17
67	U82255	Switchboard, telephone, manual, SB-86/P	0	0	0	0	0	0	0	0	0	1	1	2
68	V29156	Telephone, central, office group, AN/MTC-10	0	0	0	0	0	0	0	0	0	2	0	2
69	V30252	Telephone set, TA-1/PT	0	0	0	0	0	3	9	9	0	0	0	0
70	V31211	Telephone set, TA-312/PT	18	14	11	43	12	7	21	33	27	178	68	273
71	V57914	Terminal, telegraph-telephone, AN/TCC-29	1	0	0	1	0	0	0	0	6	4	0	10
		Class VIIK–Tactical Vehicles												
72	W95400	Trailer, cargo, ¼-ton, 2-whl, WE	6	1	3	10	10	4	12	22	8	11	27	46
73	W95537	Trailer, cargo, ¾-ton, 2-whl, WE	6	5	8	19	0	9	27	27	0	0	0	0
74	W95811	Trailer, cargo, 1½-ton, 2-whl, WE	0	5	3	8	12	0	0	12	1	0	0	1
75	W98825	Trailer, tank, water, 400-gal, 1½-ton, 2 whl, WE	0	1	1	2	1	1	3	4	1	0	0	1
76	X38639	Truck, ambulance, ¼-ton, 4x4, WE	2	0	0	2	1	0	0	1	0	0	0	0
77	X39735	Truck, cargo, ¾-ton, 4x4, WE	7	5	8	20	0	0	0	0	0	0	0	0
78	X39872	Truck, cargo, ¾-ton, 4x4, w/winch, WE	0	1	0	1	0	0	0	0	0	0	0	0
79	X39940	Truck, cargo, 1¼-ton, 6x6, WE	0	0	0	0	9	14	42	51	9	30	26	65
80	X40009	Truck, cargo, 2½-ton, 6x6, WE	3	2	0	5	4	1	3	7	5	0	0	5
81	X40146	Truck, cargo, 2½-ton, 6x6, w/winch, WE	1	0	1	2	0	0	0	0	0	0	0	0
82	X40831	Truck, cargo, 5-ton, 6x6, LWB, WE	0	3	2	5	0	0	0	0	0	0	0	0
83	X43297	Truck, dump, 2½-ton, 6x6, WE	0	0	0	0	4	1	3	7	0	0	0	0
84	X43434	Truck, dump, 2½-ton, 6x6, w/winch, WE	0	0	0	0	8	3	9	17	0	0	0	0
85	X43708	Truck, dump, 5-ton, 6x6, WE	0	0	0	0	6	0	0	6	0	0	0	0
86	X60696	Truck, tractor, wrecker, 5-ton, 6x6, w/winch, WE	0	1	0	1	0	0	0	0	0	0	0	0

Table 2–17. Summary of Equipment–Combat Aviation Battalion/Engineer Battalion/Signal Battalion, Airborne Division–Continued

1	2		3	4	5	6	7	8	9	10	11	12	13	14
			Combat aviation bn				Engineer bn				Signal bn			
1	LIN	Nomenclature	HHC (57-56H)	Aslt hel co (57-57H)	Avn GS co (57-58H)	Bn total (57-55H)	HHC (5-26H)	Three engr co (5-27H) (1)	(3)	Bn total (5-25H)	HHC (11-216H)	Comd op co (11-217H)	Spt op co (11-218H)	Bn total (11-215H)
87	X60833	Truck, utility, ¼-ton, 4x4, WE	6	1	3	10	13	5	15	28	9	14	32	55
88	X63299	Truck, wrecker, 5-ton, 6x6, w/winch, WE	0	0	0	0	1	0	0	1	1	0	0	1
		Class VIIM–Weapons												
89	A89820	Armament pod, aircraft, 7.62-mm machinegun, w/o weapon	0	4	0	4	0	0	0	0	0	0	0	0
90	A89992	Armament subsystem, helicopter, 20-mm automatic gun	0	2	0	2	0	0	0	0	0	0	0	0
91	A90118	Armament, subsystem helicopter, 7.62-mm, machine-gun, light, w/o weapons, WE	0	23	7	30	0	0	0	0	0	0	0	0
92	A90437	Armament subsystem, helicopter, 7.62-mm, machine-gun, 40-mm launcher, hi rate, w/o weapons	0	6	0	6	0	0	0	0	0	0	0	0
93	L44174	Launcher, grenade, acft, 40-mm, left or right hand feed	0	6	0	6	0	0	0	0	0	0	0	0
94	L44595	Launcher, grenade, 40-mm, single shot, rifle mtd, detachable WE	6	6	6	18	7	18	54	61	0	5	7	12
95	L45016	Launcher, rocket, acft, 2.75-in	0	6	0	6	0	0	0	0	0	0	0	0
96	L45063	Launcher, rocket, acft, 2 75-in, 19 tube (repairable)	0	8	0	8	0	0	0	0	0	0	0	0
97	L91975	Machinegun, cal 50, hb flexible for ground use	0	0	0	0	1	1	3	4	0	0	0	0
98	L92260	Machinegun, 7.62-mm, acft, light door, mtd	0	46	14	60	0	0	0	0	0	0	0	0
99	L92323	Machinegun, 7.62-mm, six barrels	0	10	0	10	0	0	0	0	0	0	0	0
100	L92386	Machinegun, 7.62-mm light, flexible	4	4	4	12	5	13	39	44	0	2	2	4
101	M75714	Mount, tripod, machinegun, 7.62-mm	4	4	4	12	5	13	39	44	0	2	2	4
102	N96741	Pistol, cal .45, automatic	0	0	0	0	18	1	3	21	7	1	1	9
103	R91244	Revolver, cal .38, special, 4-in barrel	18	89	35	142	0	0	0	0	0	0	0	0
104	R94977	Rifle, 5.56-mm, WE	83	113	48	244	166	129	387	553	103	213	222	538
		Class VIIQ–Marine Equipment												
105	884404	Boat, reconnaissance, pneu, 3-man	0	0	0	0	2	3	9	11	0	0	0	0
		Class VIIU–COMSEC Materiel												
106	E45766	Code changer key, KIK-18/TSEC	0	10	5	15	0	0	0	0	0	0	0	0
107	E45820	Code changer key, KYK-28/TSEC	2	11	4	17	3	1	3	6	3	5	5	13
108	H02300	Electronic teletypewriter security equipment, TSEC/KW-7	1	0	0	1	2	0	0	2	8	17	30	55
109	P43177	Power supply assembly, vehicular, Z-ACD	3	2	2	7	6	2	6	12	8	15	7	30
110	U01295	Speech security equipment, abn, TSEC/KY-28	0	29	25	54	0	0	0	0	0	2	0	2
111	U01305	Speech security equipment, TSEC/KY-38	4	2	2	8	7	2	6	13	8	15	7	30
112	V08721	Tactical digital regenerative repeater, portable, HYL-3/TSEC	0	0	0	0	1	0	0	1	0	6	2	8

Table 2–17. Summary of Equipment–Combat Aviation Battalion/Engineer Battalion/Signal Battalion, Airborne Division–Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14
		Combat aviation bn				*Engineer bn*				*Signal bn*			
1 *LIN*	*Nomenclature*	*HHC (57-56H)*	*Aslt hel co (57-57H)*	*Avn GS co (57-58H)*	*Bn total (57-55H)*	*HHC (5-26H)*	*Three engr co (5-27H) (1)*	*(3)*	*Bn total (5-25H)*	*HHC (11-216H)*	*Comd op co (11-217H)*	*Spt op co (11-218H)*	*Bn total (11-215H)*
	Class VIIM–Ground:Construction and MHE												
113 F39172	Crane wheel mtd, 3-ton	0	1	0	1	0	0	0	0	0	0	0	0
114 G34805	Dolly set, lift, transportable shelter, 2½-ton	0	0	0	0	0	0	0	0	2	0	0	2
115 J74920	Grader, road, motorized, dsl drvn, 10,000-lb, 12-ft, blade, w/lean front whl	0	0	0	0	4	0	0	4	0	0	0	0
116 S10682	Roller, towed, vibrating, ded/gas, 1 drum, 5-ton	0	0	0	0	1	0	0	1	0	0	0	0
117 S12575	Roller, towed, sheepsfoot, 2-dr	0	0	0	0	1	0	0	1	0	0	0	0
118 W76268	Tractor, front load, drvn, trk low speed, dsl, light dbp, sectionalized air transportable, w/ATT	0	0	0	0	6	0	0	6	0	0	0	0
119 W76302	Tractor, whl, ind, dsl drvn, 5,089 DBP w/backhoe, w/loader, scoop type	0	0	0	0	0	1	3	3	0	0	0	0
120 X48914	Truck, lift, fork, dsl drvn, 6,000-lb cap, rough terrain	0	0	0	0	2	0	0	2	0	0	0	0
121 X52818	Truck, lift, fork, rough terrain, 3,000-lb	0	1	0	1	0	0	0	0	0	0	0	0

Table 2–18. Summary of Equipment–Division Support Command/Supply and Services Battalion, Division Support Command, Airborne Division

1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16
			Division support command								S&S bn					
1	LIN	Nomenclature	HHC (29-52H)	Med bn (8-65H)	Div mat mgt cen (29-53H)	S&S bn (29-45H)	AG co (12-87H)	Maint bn (29-55H)	Fin co (14-87H)	DISCOM total (29-51H)	HHD S&S bn (29-46H)	Main S&S co (29-47H)	Three fwd S&S det (29-48H) (1)	(3)	QM airdrop equip spt co (10-337H)	Bn total (29-45H)
		Class IIA–Air														
2	A21383	Aerial recovery kit for Army aircraft	0	0	0	0	0	2	0	2	0	0	0	0	0	0
		Class IIB–Troop Support														
3	H52010	Filter-separator, liquid fuel, 100 GPM, 75 PSI, 2-in inlet, 2-in outlet	0	0	0	8	0	0	0	8	0	2	2	6	0	8
4	K39774	Hoisting unit, truck mounting, org maint set no 7	0	0	0	0	0	1	0	1	0	0	0	0	0	0
5	L64542	Light set, op area, acft, ½ kw, heliport (Army)	0	0	0	0	0	1	0	1	0	0	0	0	0	0
6	P90610	Pumping assembly, flammable liquid, bulk transfer, gas drvn, 100 GPM	0	0	0	8	0	0	0	8	0	2	2	6	0	8
7	V84014	Test set, radar, AN/TPM-23 (VADS)	0	0	0	0	0	4	0	4	0	0	0	0	0	0
8	W32867	Shop equipment, auto maint and rep, org sup no 1, less power	1	1	0	1	1	6	0	10	0	0	0	0	1	1
9	Z13157	Card punch machine, ADPE	0	0	4	0	3	0	1	8	0	0	0	0	0	0
10	Z74660	Sorter, ADPE	0	0	1	0	1	0	0	2	0	0	0	0	0	0
11	F77651	CS3, Data analysis central, OL-88(V) 1/MYK-8(V)	1	0	0	0	0	0	0	1	0	0	0	0	0	0
12	F77918	CS3, Data storage group, OL-89(V) 1/MYK-8(V)	1	0	0	0	0	0	0	1	0	0	0	0	0	0
13	F77964	CS3, Data support facility, mobile, V-460/MYK-8(V)	1	0	0	0	0	0	0	1	0	0	0	0	0	0
14	M57481	CS3, Maintenance shop facility, mobile V-452/ MYK-8(V)	1	0	0	0	0	0	0	1	0	0	0	0	0	0
15	U43735	CS3, Storage facility, mobile, V-483/MYK-8(V)	1	0	0	0	0	0	0	1	0	0	0	0	0	0
16	J35801	CS3, Generator, diesel engine, 100 kw, 60 hz, mounted on M353, PU-495	2	0	0	0	0	0	0	2	0	0	0	0	0	0
17	X59326	CS3, Truck, tractor, 5-ton, 6x6, WE, M818	2	0	0	0	0	0	0	2	0	0	0	0	0	0
		Class IIE–General Supply														
18	G68966	Drum, fabric, collapsible, liquid fuel, 500-gal cap	0	2	0	24	0	0	0	26	0	6	6	18	0	24
		Class IIG–Electronics														
19	C68719	Cable, telephone, WO-1/TT, OR-8 1,320 ft	6	28	2	17	5	26	2	86	6	0	1	3	8	17
20	C68856	Cable, telephone, WD-1/TT, RL-159/U 5,280 ft	0	2	0	2	0	6	0	10	2	0	0	0	0	2
21	C68993	Cable, telephone, WD-1/TT, 2 cond, field wire	0	8	0	0	0	0	0	8	0	0	0	0	0	0
22	R30662	Receiver-transmitter control group, AN/GRA-6	1	0	0	0	0	0	0	1	0	0	0	0	0	0
23	U82529	Switchboard, telephone, manual, S8-993/GT	1	4	0	3	1	0	1	10	0	0	1	3	0	3
		Class VIIA–Air														
24	K31795	Helicopter, utility, UH-1H	0	0	0	0	0	1	0	1	0	0	0	0	0	0
25	W93995	Trailer, acft maint, ambl, 4-wheeled, 30/48-in trf rail system	0	0	0	0	0	6	0	6	0	0	0	0	0	0
26	X23227	Transporter, ambl, hyd lift, for shelter and X-4 container	0	0	0	0	0	15	0	15	0	0	0	0	0	0
		Class VIIB–Troop Support														
27	E68694	Compressor, power drvn, air rec, AC 208-416V, 60 cy, 3 ph, 15 CFM, 175 PSI	0	0	0	3	0	0	0	3	0	0	0	0	3	3
28	E69242	Compressor, RCP, power drvn, air rec, gas drvn, 15 CFM, 175 PSI	0	0	0	1	0	1	0	2	1	0	0	0	0	1
29	E70064	Compressor, RCP, power drvn, trk, 2-whl, pneu tires, gas drvn, 5 CFM, 175 PSI	1	5	0	1	1	6	0	14	0	0	0	0	1	1

Table 2–18. Summary of Equipment–Division Support Command/Supply and Services Battalion, Division Support Command, Airborne Division–Continued

1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16
			Division support command								S&S bn					
1	LIN	Nomenclature	HHC (29-52H)	Med bn (8-65H)	Div mat mgt cen (29-53H)	S&S bn (29-45H)	AG co (12-87H)	Maint bn (29-55H)	Fin co (14-87H)	DISCOM total (29-51H)	HHD S&S bn (29-46H)	Main S&S co (29-47H)	Three fwd S&S det (29-48H) (1)	(3)	OM airdrop equip spt co (10-337H)	Bn total (29-45H)
30	G02204	Detecting set, mine, ptbl, metallic and nonmetallic	0	4	0	1	0	5	0	10	1	0	0	0	0	1
31	G02341	Detecting set, mine, ptbl, metallic (AN/PSS-11)	0	4	0	1	0	6	0	11	1	0	0	0	0	1
32	H94824	Forward area refueling equipment (FARE)	1	0	0	8	0	0	0	9	0	2	2	6	0	8
33	J04716	Fuel system, supply point, ptbl, 60,000-gal cap	0	0	0	1	0	0	0	1	0	1	0	0	0	1
34	J35835	Generator set, dsl eng, 15 kw, 60 hz, 3 ph, AC 120/208 240/416V, skid, tac util	0	0	1	4	2	1	0	8	0	1	0	0	3	4
35	J36109	Generator set, dsl eng, 30 kw, 60 hz, 3 ph, AC 120/208 240/416V, 50 hz, tac util	0	0	2	0	1	0	0	3	0	0	0	0	0	0
36	J36725	Generator set, dsl eng, 30 kw, AC 120/208 240/416V, 3 ph, 400 hz, tac precise	0	0	0	0	0	2	0	2	0	0	0	0	0	0
37	J38301	Generator set, dsl eng, 60 kw, 60 hz, 3 ph, AC 120/208 240/416V, 50 hz, tac util	0	0	0	0	0	1	0	1	0	0	0	0	0	0
38	J42100	Generator set, gas eng, tlr mtd, 10 kw, 60 cy, 1 ph, AC 120/240V, PU-619/M	0	0	0	0	0	15	0	15	0	0	0	0	0	0
39	J42976	Generator set, gas eng, 0 5 kw, 60 cy, 1 ph, AC 120/240V, shock, mtd	0	0	0	0	0	1	0	1	0	0	0	0	0	0
40	J43918	Generator set, gas eng, 1.5 kw, 60 hz, 1 ph, 2 wire, AC 120V, shock, tac util	6	2	0	5	1	42	0	56	1	2	0	0	2	5
41	J44055	Generator set, gas eng, 1.5 kw, DC 28V, shock, tac util	0	10	0	0	0	4	0	14	0	0	0	0	0	0
42	J45699	Generator set, gas eng, 3 kw, 60 hz, 1-3 ph, 120/240 120/208V, skid, tac util	1	3	0	7	0	5	0	16	0	2	1	3	2	7
43	J46110	Generator set, gas eng, 3 kw, DC 28V, skid-shock, tblr frame mtd, tac util	1	1	0	3	1	7	0	13	2	0	0	0	1	3
44	J47068	Generator set, gas eng, 5 kw, 60 hz, 1-3 ph, AC 120/240 120/208V, skid, tac util	1	0	0	6	0	7	2	16	2	1	0	0	3	6
45	J49398	Generator set, gas eng, 10 kw, 60 hz, 1-3 ph, AC 120/240 120/208V, tac util	1	12	0	0	0	1	1	15	0	0	0	0	0	0
46	L64131	Light set, marker, emergency, alfd runway, ptbl, battery, op	0	8	0	0	0	0	0	8	0	0	0	0	0	0
47	P96640	Pumping assembly, flammable liquid, bulk transfer	0	1	0	0	0	0	0	1	0	0	0	0	0	0
48	T10138	Shop equip, contact, maint trk mtd	0	0	0	0	0	4	0	4	0	0	0	0	0	0
49	V12141	Tank and pump unit, liquid dispensing, truck mounting	0	0	0	4	0	1	0	5	0	4	0	0	0	4
50	V19950	Tank unit, liquid dispensing, trailer mounting	1	0	0	4	0	1	0	6	0	4	0	0	0	4
51	V71450	Test set, computer logic unit	0	0	0	0	0	1	0	1	0	0	0	0	0	0
52	W32593	Shop equip, auto maint and rep, OM common no 1, less power	1	5	0	1	1	6	0	14	0	0	0	0	1	1
53	W32730	Shop equip, auto maint and rep, OM common no 2, less power	0	0	0	1	0	0	0	1	1	0	0	0	0	1
		Class VIIG–Electronics														
54	Q32756	Radio set, AN/GRC-106	1	0	0	0	0	0	0	1	0	0	0	0	0	0
55	Q38299	Radio set, AN/PRC-77	4	0	0	0	0	4	0	8	0	0	0	0	0	0
56	Q38335	Radio set, AN/PRC-90	0	0	0	0	0	2	0	2	0	0	0	0	0	0
57	Q53001	Radio set, AN/VRC-46	2	1	2	5	0	24	0	34	0	2	1	3	0	5
58	Q54174	Radio set, AN/VRC-47	5	6	3	5	0	11	0	30	3	1	0	0	1	5

Table 2–18. Summary of Equipment–Division Support Command/Supply and Service Battalion, Division Support Command, Airborne Division—Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
		Division support command								*S&S bn*					
1	*LIN*	*Nomenclature*	*HHC (29-52H)*	*Med bn (8-65H)*	*Div mat mgt cen (29-53H)*	*S&S bn (29-45H)*	*AG co (12-87H)*	*Maint bn (29-55H)*	*Fin co (14-87H)*	*DISCOM total (29-51H)*	*HHD S&S bn (29-46H)*	*Main S&S co (29-47H)*	*Three fwd S&S det (29-48H) (1)*	*(3)*	*QM airdrop equip spt co (10-337H)*	*Bn total (29-45H)*
59	Q56783	Radio set, AN/VRC-64	0	4	0	0	0	0	0	4	0	0	0	0	0	0
60	Q78282	Radio set, control group, AN/GRA-39	4	11	2	7	0	7	0	31	2	1	1	3	1	7
61	U81707	Switchboard, telephone, manual, S8-22/PT	0	2	2	3	0	7	0	14	2	0	0	0	1	3
62	V30252	Telephone set, TA-1/PT	0	0	0	0	0	0	5	5	0	0	0	0	0	0
63	V31211	Telephone set, TA-312/PT	7	31	16	52	15	70	5	196	15	14	5	15	8	52
		Class VIIK–Tactical Vehicles														
64	E02807	Chassis, trailer, generator, 2½-ton, 2 whl, WE	0	0	2	0	1	2	0	5	0	0	0	0	0	0
65	S72024	Semitrailer, stake, 12-ton, 4-whl, WE	0	0	0	3	0	0	0	3	0	0	0	0	3	3
66	S74490	Semitrailer, van, expansible, 6-ton, 4-whl (Army)	0	0	1	0	1	0	0	2	0	0	0	0	0	0
67	W93961	Trailer, aircraft cargo, loading-unloading, 3½-ton, 4 whl, WE	0	0	0	16	0	0	0	16	0	16	0	0	0	16
68	W95400	Trailer, cargo, ¼-ton, 2-whl, WE	8	16	0	8	2	8	2	44	0	3	0	0	5	8
69	W95537	Trailer, cargo, ¾-ton, 2-whl, WE	2	21	0	2	2	7	0	34	1	1	0	0	0	2
70	W95811	Trailer, cargo, 1½-ton, 2-whl, WE	3	0	0	49	1	12	0	65	0	43	0	0	6	49
71	W98825	Trailer, tank, water, 400-gal, 1½-ton, 2 whl, WE	1	0	1	2	1	6	1	12	1	0	0	0	1	2
72	X38639	Truck, ambulance, ¼-ton, 4x4, WE	0	4	0	0	0	0	0	4	0	0	0	0	0	0
73	X38961	Truck, ambulance, 1¼-ton, 6x6, WE	0	28	0	0	0	0	0	28	0	0	0	0	0	0
74	X39735	Truck, cargo, ¾-ton, 4x4, WE	4	0	2	12	2	18	0	38	2	1	3	9	0	12
75	X39872	Truck, cargo, ¾-ton, 4x4, w/winch, WE	0	0	0	0	0	2	0	2	0	0	0	0	0	0
76	X39940	Truck, cargo, 1¼-ton, 6x6, WE	0	33	0	0	0	21	0	54	0	0	0	0	0	0
77	X40009	Truck, cargo, 2½-ton, 6x6, WE	1	0	1	47	1	16	2	68	3	37	0	0	7	47
78	X40077	Truck, cargo, drop side, 2½-ton, 6x6, WE	0	0	0	5	0	0	0	5	0	5	0	0	0	5
79	X40146	Truck, cargo, 2½-ton, 6x6, w/winch, WE	0	0	0	0	0	1	0	1	0	0	0	0	0	0
80	X40420	Truck, cargo, 2½-ton, 6x6, XLW8, w/winch, WE	0	0	0	0	0	1	0	1	0	0	0	0	0	0
81	X40831	Truck, cargo, 5-ton, 6x6, LW8 WE	0	0	0	6	0	1	0	7	0	6	0	0	0	6
82	X55627	Truck, platform, utility, ½-ton, 4x4, WE	0	0	0	0	0	10	0	10	0	0	0	0	0	0
83	X58367	Truck, tank, water, 1,000-gal, 2½-ton, 6x6, WE	0	0	0	0	0	1	0	1	0	0	0	0	0	0
84	X59326	Truck, tractor, 5-ton, 6x6, WE	2	0	0	3	0	0	0	5	0	0	0	0	3	3
85	X60833	Truck, utility, ¼-ton, 4x4, WE	8	16	5	18	2	16	2	67	3	4	2	6	5	18
86	X62237	Truck, van, expansible, 5-ton, 6x6, WE	0	0	0	0	1	0	0	1	0	0	0	0	0	0
87	X62340	Truck, van, shop, 2½-ton, 6x6, WE	0	0	0	0	1	0	0	1	0	0	0	0	0	0
88	X63299	Truck, wrecker, 5-ton, 6x6, w/winch, WE	0	0	0	1	0	8	0	9	1	0	0	0	0	1
		Class VIIL–Missiles														
89	V84002	Test set, radar, AN/MPM-59 OMTS (FAAR)	0	0	0	0	0	2	0	2	0	0	0	0	0	0
		Class VIIM–Weapons														
90	A90118	Armament, subsystem, helicopter, 7.62-mm, machine-gun, light, w/o weapons, WE	0	0	0	0	0	1	0	1	0	0	0	0	0	0
91	L44595	Launcher, grenade, 40-mm, single shot, rifle, mtd, detachable, WE	4	0	2	18	7	16	3	50	2	4	2	6	6	18
92	L92260	Machinegun, 7.62-mm, acft, light, door mtd	0	0	0	0	0	2	0	2	0	0	0	0	0	0
93	L92386	Machinegun, 7.62-mm, light, flexible	4	0	4	34	10	17	3	72	4	8	4	12	10	34
94	M75714	Mount, tripod, machinegun, 7.62-mm	4	0	4	34	10	17	3	72	4	8	4	12	10	34
95	N96741	Pistol, cal .45, automatic	10	36	7	9	12	8	7	89	4	1	1	3	1	9
96	R91244	Revolver, cal .38, special, 4-in barrel	0	1	0	0	0	16	0	17	0	0	0	0	0	0
97	R94977	Rifle, 5.56-mm, WE	108	331	127	603	245	751	91	2,256	64	158	48	144	237	603

Table 2–18. Summary of Equipment–Division Support Command/Suuply and Services Battalion, Division Support Command, Airborne Division–Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
		Division support command								*S&S bn*					
1	*LIN*	*Nomenclature*	*HHC (29-52H)*	*Med bn (8-65H)*	*Div mat mgt cen (29-53H)*	*S&S bn (29-45H)*	*AG co (12-87H)*	*Maint bn (29-55H)*	*Fin co (14-87H)*	*DISCOM total (29-51H)*	*HHD S&S bn (29-46H)*	*Main S&S co (29-47H)*	*Three fwd S&S det (29-48H) (1)*	*(3)*	*QM airdrop equip spt co (10-337H)*	*Bn total (29-45H)*
		Class VIIU–COMSEC Matariel														
98	E45766	Code changer key, KIK-18/TSEC	0	0	0	0	0	1	0	1	0	0	0	0	0	0
99	E45820	Code changer key, KYK-28/TSEC	1	5	1	1	0	2	0	10	1	0	0	0	0	1
100	P43177	Power supply assembly, vehicular, Z-ACD	2	11	1	2	0	1	0	17	2	0	0	0	0	2
101	U01295	Speech security equipment, abn, TSEC/KY-28	0	0	0	0	0	1	0	1	0	0	0	0	0	0
102	U01305	Speech security equipment, TSEC/KY-38	2	11	1	2	0	1	0	17	2	0	0	0	0	2
		Class VIIW–Ground: Construction and MHE														
103	F39172	Crane, whl mtd, 3-ton	0	0	0	0	0	3	0	3	0	0	0	0	0	0
104	G34805	Dolly set, lift, transportable, shelter, 2½-ton	0	0	0	0	0	18	0	18	0	0	0	0	0	0
105	W89557	Tractor, wheeled, warehouse, gas, 4,000 lb	0	0	0	3	0	0	0	3	0	0	0	0	3	3
106	X48914	Truck, lift, fork, dsl drvn, 6,000 lb cap, rough terrain	0	0	0	3	0	2	0	5	0	0	0	0	3	3
107	X49051	Truck, lift, fork, dsl drvn, 10,000-lb cap, rough terrain	0	0	0	3	0	0	0	3	0	0	0	0	3	3

Table 2–19. Summary of Equipment–Medical Battalion/Maintenance Battalion, Division Support Command, Airborne Division

1	2		3	4	5	6	7	8	9	10	11	12	13
			Medical bn				Maintenance bn						
1	LIN	Nomenclature	HQ & spt co (8-66H)	Three med co (8-67H) (1)	Three med co (8-67H) (3)	Bn total (8-65H)	HHD (29-56H)	Main spt co (29-57H)	Trans acft maint co (55-99H)	Three fwd spt co (29-58H) (1)	Three fwd spt co (29-58H) (3)	Ord msl spt co (9-559H)	Bn total (29-55H)
		Class IIA–Air											
2	A21383	Aerial recovery kit, for Army acft	0	0	0	0	0	0	2	0	0	0	2
		Class IIB–Troop Support											
3	K39774	Hoisting unit, truck mounting, org, maint set no 7	0	0	0	0	0	0	0	0	0	1	1
4	L64542	Light set, *op* area, acft, ½ kw, heliport (Army)	0	0	0	0	0	0	1	0	0	0	1
5	V84014	Test set, radar, AN/TPM-23 (VADS)	0	0	0	0	0	0	0	0	0	4	4
6	W32867	Shop equipment, auto maint and rep, org sup no 1, less power	1	0	0	1	0	1	1	1	3	1	6
		Class IIE–General Supply											
7	G68966	Drum, fabric, collapsible, liquid fuel, 500-gal cap	2	0	0	2	0	0	0	0	0	0	0
		Class IIG–Electronics											
8	C68719	Cable, telephone, WO-1/TT, OR-8, 1,320 ft	10	6	18	28	2	2	6	4	12	4	26
9	C68856	Cable, telephone, WD-1/TT, RL-159/U, 5,280 ft	2	0	0	2	4	0	2	0	0	0	6
10	C68993	Cable, telephone, WD-1/TT, 2 cond, field wire	8	0	0	8	0	0	0	0	0	0	0
11	U82529	Switchboard, telephone, manual, SB-993/GT	1	1	3	4	0	0	0	0	0	0	0
		Class VIIA–Air											
12	K31795	Helicopter, utility, UH-1H	0	0	0	0	0	0	1	0	0	0	1
13	W93995	Trailer acft maint, ambl, 4-wheeled, 30/48 in, trf rail system	0	0	0	0	0	0	6	0	0	0	6
14	X23227	Transporter, ambl, hyd lift, for shelter and X-4 container	0	0	0	0	0	3	4	2	6	2	15
		Class VIIB–Troop Support											
15	E69242	Compressor, RCP, power drvn, air rec, gas drvn, 15 CFM, 175 PSI	0	0	0	0	0	1	0	0	0	0	1
16	E70064	Compressor, RCP, power drvn, trk, 2-whl, pneu tires, gas drvn, 5 CFM, 175 PSI	2	1	3	5	0	1	1	1	3	1	6
17	G02204	Detecting set, mine, ptbl, metallic and nonmetallic	1	1	3	4	1	1	0	1	3	0	5
18	G02341	Detecting set, mine, ptbl, metallic (AN/PSS-11)	1	1	3	4	1	2	0	1	3	0	6
19	J35835	Generator set, dsl eng, 15 kw, 60 hz, 3 ph, AC 120/208, 240/416V, skid, tac util	0	0	0	0	0	0	1	0	0	0	1
20	J36725	Generator set, dsl eng, 30 kw, AC 120/208, 240/416V, 3 ph, 400 hz, tac precise	0	0	0	0	0	0	0	0	0	2	2
21	J38301	Generator set, dsl eng, 60 kw, 60 hz, 3 ph, AC 120/208, 240/416V, 50 hz, tac util	0	0	0	0	0	1	0	0	0	0	1
22	J42100	Generator set, gas eng, tlr mtd, 10 kw, 60 cy, 1 ph, AC 120/240V, PU-619/M	0	0	0	0	0	5	2	2	6	2	15
23	J42976	Generator set, gas eng, 0.5 kw, 60 cy, 1 ph, AC, 120/240V, shock mtd	0	0	0	0	0	0	1	0	0	0	1

Table 2–19. Summary of Equipment–Medical Battalion/Maintenance Battalion, Division Support Command, Airborne Division–Continued

1	2		3	4	5	6	7	8	9	10	11	12	13
			Medical bn				Maintenance bn						
1	LIN	Nomenclature	HQ & spt co (8-66H)	Three med co (8-67H) (1)	Three med co (8-67H) (3)	Bn total (8-65H)	HHD (29-56H)	Main spt co (29-57H)	Trans acft maint co (55-99H)	Three fwd spt co (29-58H) (1)	Three fwd spt co (29-58H) (3)	Ord msl spt co (9-559H)	Bn total (29-55H)
24	J43918	Generator set, gas eng, 1.5 kw, 60 hz, 1 ph, 2 wire, AC 120V, shock, tac util	2	0	0	2	2	7	3	8	24	6	42
25	J44055	Generator set, gas eng, 1.5 kw, DC 28V, shock, tac util	4	2	6	10	0	1	0	1	3	0	4
26	J45699	Generator set, gas eng, 3 kw, 60 hz, 1-3 ph, 120/240, 120/208V, skid, tac util	3	0	0	3	0	1	0	1	3	1	5
27	J46110	Generator set, gas eng, 3 kw, DC 28V, skid-shock, tblr frame mtd, tac util	1	0	0	1	0	1	2	1	3	1	7
28	J47068	Generator set, gas eng, 5 kw, 60 hz, 1-3 ph, AC 120/240, 120/208V, skid, tac util	0	0	0	0	0	2	1	1	3	1	7
29	J49398	Generator set, gas eng, 10 kw, 60 hz, 1-3 ph, AC 120/240, 120/208V, tac util	3	3	9	12	0	1	0	0	0	0	1
30	L64131	Light set, marker, emergency, afld runway, ptbl, battery op	2	2	6	8	0	0	0	0	0	0	0
31	P96640	Pumping assembly, flammable liquid, bulk transfer	1	0	0	1	0	0	0	0	0	0	0
32	T10138	Shop equip, contact maint, trk mtd	0	0	0	0	0	1	0	1	3	0	4
33	V12141	Tank and pump unit, liquid dispensing, truck mounting	0	0	0	0	0	0	1	0	0	0	1
34	V19950	Tank unit, liquid dispensing, trailer mounting	0	0	0	0	0	0	1	0	0	0	1
35	V71450	Test set, computer logic unit	0	0	0	0	0	1	0	0	0	0	1
36	W32593	Shop equipment, auto maint and rep, OM common no 1, less power	2	1	3	5	0	1	1	1	3	1	6
		Class VIIG–Electronics											
37	Q38299	Radio set, AN/PRC-77	0	0	0	0	0	4	0	0	0	0	4
38	Q38335	Radio set, AN/PRC-90	0	0	0	0	0	0	2	0	0	0	2
39	Q53001	Radio set, AN/VRC-46	1	0	0	1	0	1	2	1	3	18	24
40	Q54174	Radio set, AN/VRC-47	3	1	3	6	2	2	0	2	6	1	11
41	Q56783	Radio set, AN/VRC-64	1	1	3	4	0	0	0	0	0	0	0
42	Q78282	Radio set, control group, AN/GRA-39	5	2	6	11	1	1	1	1	3	1	7
43	U81707	Switchboard, telephone, manual, SB-22/PT	2	0	0	2	2	0	1	1	3	1	7
44	V31211	Telephone set, TA-312/PT	16	5	15	31	7	12	12	9	27	12	70
		Class VIIK–Tactical Vehicles											
45	E02807	Chassis, trailer, generator, 2½-ton, 2-whl, WE	0	0	0	0	0	0	0	0	0	2	2
46	W95400	Trailer, cargo, ¼-ton, 2-whl, WE	7	3	9	16	2	1	2	1	3	0	8
47	W95537	Trailer, cargo, ¾-ton, 2-whl, WE	6	5	15	21	1	3	3	0	0	0	7
48	W95811	Trailer, cargo, 1½-ton, 2-whl, WE	0	0	0	0	0	3	5	1	3	1	12
49	W98825	Trailer, tank, water, 400-gal, 1½-ton, 2-whl, WE	0	0	0	0	0	1	1	1	3	1	6
50	X38639	Truck, ambulance, ¼-ton, 4x4, WE	4	0	0	4	0	0	0	0	0	0	0

Table 2–19. Summary of Equipment–Medical Battalion/Maintenance Battalion, Division Support Command, Airborne Division–Continued

1	2	3	4	5	6	7	8	9	10	11	12	13
		Medical bn				*Maintenance bn*						
1	*LIN*	*Nomenclature*	*HQ & spt co (8-66H)*	*Three med co (8-67H) (1)*	*(3)*	*Bn total (8-65H)*	*HHD (29-56H)*	*Main spt co (29-57H)*	*Trans acft maint co (55-99H)*	*Three fwd spt co (29-58H) (1)*	*(3)*	*Ord msl spt co (9-559H)*	*Bn total (29-55H)*
51	X38961	Truck, ambulance, 1¼-ton, 6x6, WE	4	8	24	28	0	0	0	0	0	0	0
52	X39735	Truck, cargo, ¾-ton, 4x4, WE	0	0	0	0	1	7	1	0	0	9	18
53	X39872	Truck, cargo, ¾-ton, 4x4, w/winch, WE	0	0	0	0	0	0	2	0	0	0	2
54	X39940	Truck, cargo, 1¼-ton, 6x6, WE	15	6	18	33	0	0	0	4	12	9	21
55	X40009	Truck, cargo, 2½-ton, 6x6, WE	0	0	0	0	0	3	5	2	6	2	16
56	X40146	Truck, cargo, 2½-ton, 6x6, w/winch, WE	0	0	0	0	0	0	0	0	0	1	1
57	X40420	Truck, cargo, 2½-ton, 6x6, XLW8, w/winch, WE	0	0	0	0	0	0	0	0	0	1	1
58	X40831	Truck, cargo, 5-ton, 6x6, LW8, WE	0	0	0	0	0	0	1	0	0	0	1
59	X55627	Truck, platform, utility, ½-ton, 4x4, WE	0	0	0	0	0	1	6	1	3	0	10
60	X58367	Truck, tank, water, 1,000-gal, 2½-ton, 6x6, WE	0	0	0	0	0	0	1	0	0	0	1
61	X60833	Truck, utility, ¼-ton, 4x4, WE	7	3	9	16	2	2	2	2	6	4	16
62	X63299	Truck, wrecker, 5-ton, 6x6, w/winch, WE	0	0	0	0	0	4	1	1	3	0	8
		Class VIIL–Missiles											
63	V84002	Test set, radar, AN/MPM-59, OMTS (FAAR)	0	0	0	0	0	0	0	0	0	2	2
		Class VIIM–Weapons											
64	A90118	Armament subsystem, helicopter, 7.62-mm, machine-gun, light, w/o weapons, WE	0	0	0	0	0	0	1	0	0	0	1
65	L44595	Launcher, grenade, 40-mm, single shot rifle, mtd detachable, WE	0	0	0	0	1	3	6	2	6	0	16
66	L92260	Machinegun, 7.62-mm; acft, light, door mtd	0	0	0	0	0	0	2	0	0	0	2
67	L92386	Machinegun, 7.62-mm, light, flexible	0	0	0	0	0	4	4	2	6	3	17
68	M75714	Mount, tripod, machinegun, 7.62-mm	0	0	0	0	0	4	4	2	6	3	17
69	N96741	Pistol, cal .45, automatic	15	7	21	36	3	1	0	1	3	1	8
70	R91244	Revolver, cal .38, special, 4-in barrel	1	0	0	1	1	0	15	0	0	0	16
71	R94977	Rifle, 5.56-mm, WE	127	68	204	331	36	167	175	83	249	124	751
		Class VIIU–COMSEC Materiel											
72	E45766	Code changer key, KIK-18/TSEC	0	0	0	0	0	0	1	0	0	0	1
73	E45820	Code changer key, KYK-28/TSEC	2	1	3	5	1	0	1	0	0	0	2
74	P43177	Power supply assembly, vehicular, Z-ACD	5	2	6	11	1	0	0	0	0	0	1
75	U01295	Speech security equipment, abn, TSEC/KY-28	0	0	0	0	0	0	1	0	0	0	1
76	U01305	Speech security equipment, TSEC/KY-38	5	2	6	11	1	0	0	0	0	0	1
		Class VIIW–Ground: Construction and MHE											
77	F39172	Crane, wheel mtd, 3-ton	0	0	0	0	0	0	2	0	0	1	3
78	G34805	Dolly set, lift, transportable shelter, 2½-ton	0	0	0	0	0	7	1	3	9	1	18
79	X48914	Truck, lift, fork, dsl drvn, 6,000-lb, cap, rough terrain	0	0	0	0	0	1	1	0	0	0	2

Table 2-20. Summary of Equipment—Air Cavalry Squadron/Infantry Battalion/Armor Battalion, Airborne Division

1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16
			Air cav sqdn					Infantry bn					Armor bn			
					Three air cav trp				Three rifle co		Cbt			Three armor co		
1	LIN	Nomenclature	HHT (17-276H)	Cav trp (17-277H)	(17-278H) (1)	(3)	Sqdn total (17-275H)	HHC (7-36H)	(7-37H) (1)	(3)	Spt co (7-38H)	Bn total (7-35H)	HHC (17-216H)	(17-218H) (1)	(3)	Bn total (17-215H)
		Class IIA—Air														
2	M02470	Maintenance platform, hydraulic adjustable to 10 ft high, 44½-in wide	1	0	2	6	7	0	0	0	0	0	0	0	0	0
3	M02504	Maintenance platform, hydraulic adjustable type, 3 to 7 ft high	1	0	3	9	10	0	0	0	0	0	0	0	0	0
		Class IIB—Troop Support														
4	H52010	Filter-separator, liquid fuel, 100 GPM, 75 PSI, 2-in inlet, 2-in outlet	0	0	0	0	0	0	0	0	0	0	4	0	0	4
5	L64542	Light set, op area, acft, ½ kw, heliport (Army)	1	0	1	3	4	0	0	0	0	0	0	0	0	0
6	W32867	Shop equipment, auto maint and rep, org sup no 1, less power	1	1	1	3	5	1	0	0	0	1	0	0	0	0
		Class IIE—General Supply														
7	G68966	Drum, fabric, collapsible, liquid fuel, 500-gal capacity	3	0	6	18	21	5	0	0	0	5	15	0	0	15
		Class IIG—Electronics														
8	C68719	Cable, telephone, WO-1/TT, OR-8, 1,320 ft	27	24	11	33	84	14	22	66	36	116	48	19	57	105
9	C68856	Cable, telephone, WD-1/TT, RL-159/U, 5,280 ft	0	0	0	0	0	16	0	0	0	16	2	0	0	2
10	C68993	Cable, telephone, WD-1/TT, 2 cond, field wire	15	4	0	0	19	36	5	15	18	69	0	0	0	0
11	R30662	Receiver-transmitter, control gp, AN/GRA-6	3	1	1	3	7	0	0	0	0	0	0	0	0	0
12	U82529	Switchboard, telephone, manual, S8-993/GT	0	0	0	0	0	0	2	6	2	8	0	0	0	0
		Class VIIA—Air														
13	K29660	Helicopter, attack, AH-1G	0	0	9	27	27	0	0	0	0	0	0	0	0	0
14	K31042	Helicopter, observation, OH-58A	0	0	10	30	30	0	0	0	0	0	0	0	0	0
15	K31795	Helicopter, utility, UH-1H	4	0	8	24	28	0	0	0	0	0	0	0	0	0
16	T17093	Shop set, acft maint, ambl, UH-1/OH-6, co size, DS	3	0	0	0	3	0	0	0	0	0	0	0	0	0
17	W62611	Tool set, aviation unit maint, set no 1, ambl	1	0	3	9	10	0	0	0	0	0	0	0	0	0
18	X23227	Transporter, ambl, hydraulic lift, for shelter and X-4 container	5	0	1	3	8	0	0	0	0	0	0	0	0	0
		Class VIIB—Troop Support														
19	E69242	Compressor, RCP, power drvn, air rec, gas drvn, 15 CFM, 175 PSI	0	0	0	0	0	0	0	0	0	0	1	0	0	1
20	E70064	Compressor, RCP, power drvn, trk, 2-whl, pneu tires, gas drvn, 5 CFM, 175 PSI	1	1	1	3	5	1	0	0	1	2	1	1	3	4
21	E70201	Compressor, RCP, power drvn, trk, 2-whl, pneu tires, gas drvn, 8 CFM, 175 PSI	1	0	1	3	4	0	0	0	0	0	0	0	0	0
22	G02204	Detecting set, mine, ptbl, metallic and nonmetallic	1	1	0	0	2	0	1	3	1	4	1	1	3	4
23	G02341	Detecting set, mine, ptbl metallic (AN/PSS-11)	1	3	0	0	4	0	2	6	2	8	1	2	6	7
24	H94824	Forward area refueling equipment (FARE)	1	0	2	6	7	0	0	0	0	0	0	0	0	0
25	J42856	Generator set, gas eng, 0.5 kw, 28V, skid-shock, tac util	0	0	0	0	0	0	0	0	0	0	1	0	0	1
26	J42976	Generator set, gas eng, 0.5 kw, 60 cy, 1 ph, AC 120/240V, shock mtd	1	0	1	3	4	0	0	0	0	0	0	0	0	0
27	J43027	Generator set, gas eng, 0.5 kw, 400 hz, 1 ph, AC 120/240V, skid-shock, tac util	0	0	0	0	0	0	0	0	2	2	0	0	0	0

Table 2–18. Summary of Equipment—Division Support Command/Supply and Services Battalion, Division Support Command, Airborne Division

1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16
			Division support command								S&S bn					
1	*LIN*	*Nomenclature*	*HHC (29-52H)*	*Med bn (B-65H)*	*Div mat mgt cen (29-53H)*	*S&S bn (29-45H)*	*AG co (12-17H)*	*Maint bn (29-55H)*	*Fin co (14-37H)*	*DISCOM total (29-51H)*	*HHD S&S bn (29-46H)*	*Main S&S co (29-47H)*	*Three fwd S&S det (29-48H) (1)*	*(3)*	*QM airdrop equip spt co (10-337H)*	*Bn total (29-45H)*
		Class IIA—Air														
2	A21383	Aerial recovery kit for Army aircraft	0	0	0	0	0	2	0	2	0	0	0	0	0	0
		Class IIB—Troop Support														
3	H52010	Filter-separator, liquid fuel, 100 GPM, 75 PSI, 2-in inlet, 2-in outlet	0	0	0	8	0	0	0	8	0	2	2	6	0	8
4	K39774	Hoisting unit, truck mounting, org maint set no 7	0	0	0	0	0	1	0	1	0	0	0	0	0	0
5	L64542	Light set, op area, acft, ½ kw, heliport (Army)	0	0	0	0	0	1	0	1	0	0	0	0	0	0
6	P90610	Pumping assembly, flammable liquid, bulk transfer, gas drvn, 100 GPM	0	0	0	8	0	0	0	8	0	2	2	6	0	8
7	V84014	Test set, radar, AN/TPM-23 (VADS)	0	0	0	0	0	4	0	4	0	0	0	0	0	0
8	W32867	Shop equipment, auto maint and rep, org sup no 1, less power	1	1	0	1	1	6	0	10	0	0	0	0	1	1
9	Z13157	Card punch machine, ADPE	0	0	4	0	3	0	0	7	0	0	0	0	0	0
10	Z74660	Sorter, ADPE	0	0	1	0	1	0	0	2	0	0	0	0	0	0
11	F77651	CS3, Data analysis central, OL-88(V) 1/MYK-8(V)	1	0	0	0	0	0	0	1	0	0	0	0	0	0
12	F77918	CS3, Data storage group, OL-89(V) 1/MYK-8(V)	1	0	0	0	0	0	0	1	0	0	0	0	0	0
13	F77964	CS3, Data support facility, mobila, V-460/MYK-8(V)	1	0	0	0	0	0	0	1	0	0	0	0	0	0
14	M57481	CS3, Maintenance shop facility, mobila V-452/MYK-8(V)	1	0	0	0	0	0	0	1	0	0	0	0	0	0
15	U43735	CS3, Storage facility, mobile, V-483/MYK-8(V)	1	0	0	0	0	0	0	1	0	0	0	0	0	0
16	J35801	CS3, Generator, diesel engine, 100 kw, 60 hz, mounted on M353, PU-495	2	0	0	0	0	0	0	2	0	0	0	0	0	0
17	X59326	CS3, Truck, tractor, 5-ton, 6x6, WE, M818	2	0	0	0	0	0	0	2	0	0	0	0	0	0
		Class IIE—General Supply														
18	G68966	Drum, fabric, collapsible, liquid fuel, 500-gal cap	0	2	0	24	0	0	0	26	0	6	6	18	0	24
		Class IIG—Electronics														
19	C68719	Cable, telephone, WD-1/TT, OR-8 1,320 ft	6	28	2	17	5	24	2	84	6	0	1	3	8	17
20	C68856	Cable, telephone, WD-1/TT, RL-159/U 5,280 ft	0	2	0	2	0	6	0	10	2	0	0	0	0	2
21	C68993	Cable, telephone, WD-1/TT, 2 cond, field wire	0	8	0	0	0	0	0	8	0	0	0	0	0	0
22	R30662	Receiver-transmitter control group, AN/GRA-6	1	0	0	0	0	0	0	1	0	0	0	0	0	0
23	U82529	Switchboard, telephone, manual, S8-993/GT	1	4	0	3	0	0	0	8	0	0	1	3	0	3
		Class VIIA—Air														
24	K31795	Helicopter, utility, UH-1H	0	0	0	0	0	1	0	1	0	0	0	0	0	0
25	W93995	Trailer, acft maint, ambl, 4-wheeled, 30/48-in trf rail system	0	0	0	0	0	6	0	6	0	0	0	0	0	0
26	X23227	Transporter, ambl, hyd lift, for shelter and X-4 container	0	0	0	0	0	15	0	15	0	0	0	0	0	0
		Class VIIB—Troop Support														
27	E68694	Compressor, power drvn, air rec, AC 208-416V, 60 cy, 3 ph, 15 CFM, 175 PSI	0	0	0	3	0	0	0	3	0	0	0	0	3	3
28	E69242	Compressor, RCP, power drvn, air rec, gas drvn, 15 CFM, 175 PSI	0	0	0	1	0	1	0	2	1	0	0	0	0	1
29	E70064	Compressor, RCP, power drvn, trk, 2-whl, pneu tires, gas drvn, 5 CFM, 175 PSI	1	5	0	1	0	6	0	13	0	0	0	0	1	1

Table 2—18. Summary of Equipment—Division Support Command/Supply and Services Battalion, Division Support Command, Airborne Division—Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
		Division support command								*S&S bn*					
1	*LIN*	*Nomenclature*	*HHC (29-52H)*	*Med bn (8-65H)*	*Div mat mgt cen (29-53H)*	*S&S bn (29-45H)*	*AG co (12-17H)*	*Maint bn (29-55H)*	*Fin co (14-37H)*	*DISCOM total (29-51H)*	*HHD S&S bn (29-46H)*	*Main S&S co (29-47H)*	*Three fwd S&S det (29-48H) (1)*	*(3)*	*QM airdrop equip spt co (10-337H)*	*Bn total (29-45H)*
30	G02204	Detecting set, mine, ptbl, metallic and nonmetallic	0	4	0	1	0	4	0	9	1	0	0	0	0	1
31	G02341	Detecting set, mine, ptbl, metallic (AN/PSS-11)	0	4	0	1	0	5	0	10	1	0	0	0	0	1
32	H94824	Forward area refueling equipment (FARE)	1	0	0	8	0	0	0	9	0	2	2	6	0	8
33	J04716	Fuel system, supply point, ptbl, 60,000-gal cap	0	0	0	1	0	0	0	1	0	1	0	0	0	1
34	J35492	Generator set, dsl eng, 15 kw, 60 hz, mtd on M200 PU-405	0	0	0	0	1	0	0	1	0	0	0	0	0	0
35	J35629	Generator set, dsl eng, 60 kw, 60 hz	0	0	0	0	0	1	0	1	0	0	0	0	0	0
36	J35813	Generator set, dsl eng, 5 kw, 60 hz, 1-3 ph, AC 120/208, 120/240V	0	0	0	0	0	2	0	2	0	0	0	0	0	0
37	J35835	Generator set, dsl eng, 15 kw, 60 hz, 3 ph, AC 120/208 240/416V, skid, tac util	0	0	1	4	2	2	0	9	0	1	0	0	3	4
38	J36109	Generator set, dsl eng, 30 kw, 60 hz, 3 ph, AC 120/208 240/416V, 50 hz, tac util	0	0	2	0	0	0	0	2	0	0	0	0	0	0
39	J36383	Generator set, dsl eng, 30 kw, 60 hz, mtd on M200 PU-406	0	0	0	0	1	0	0	1	0	0	0	0	0	0
40	J36725	Generator set, dsl eng, 30 kw, AC 120/208 240/416V, 3 ph, 400 hz, tac precise	0	0	0	0	0	2	0	2	0	0	0	0	0	0
41	J42100	Generator set, gas eng, tlr mtd, 10 kw, 60 cy, 1 ph, AC 120/240V, PU-619/M	0	0	0	0	0	16	0	16	0	0	0	0	0	0
42	J42976	Generator set, gas eng, 0.5 kw, 60 cy, 1 ph, AC 120/240V, shock, mtd	0	0	0	0	0	1	0	1	0	0	0	0	0	0
43	J43918	Generator set, gas eng, 1 5 kw, 60 hz, 1 ph, 2 wire, AC 120V, shock, tac util	6	2	0	5	1	42	0	56	1	2	0	0	2	5
44	J44055	Generator set, gas eng, 1.5 kw, DC 28V, shock, tac util	0	10	0	0	0	3	0	13	0	0	0	0	0	0
45	J45699	Generator set, gas eng, 3 kw, 60 hz, 1-3 ph, 120/240 120/208V, skid, tac util	1	3	0	7	0	5	0	16	0	2	1	3	2	7
46	J46110	Generator set, gas eng, 3 kw, DC 28V, skid-shock, tblr frame mtd, tac util	1	1	0	3	0	8	0	13	2	0	0	0	1	3
47	J47068	Generator set, gas eng, 5 kw, 60 hz, 1-3 ph, AC 120/240 120/208V, skid, tac util	1	0	0	6	0	5	1	13	2	1	0	0	3	6
48	J49398	Generator set, gas eng, 10 kw, 60 hz, 1-3 ph, AC 120/240 120/208V, tac util	1	12	0	0	0	0	3	16	0	0	0	0	0	0
49	L64131	Light set, marker, emergency, alfd runway, ptbl, battery, op	0	8	0	0	0	0	0	8	0	0	0	0	0	0
50	P96640	Pumping assembly, flammable liquid, bulk transfer	0	1	0	0	0	0	0	1	0	0	0	0	0	0
51	T10138	Shop equip, contact, maint trk mtd	0	0	0	0	0	4	0	4	0	0	0	0	0	0
52	V12141	Tank and pump unit, liquid dispensing, truck mounting	0	0	0	4	0	1	0	5	0	4	0	0	0	4
53	V19950	Tank unit, liquid dispensing, trailer mounting	1	0	0	4	0	1	0	6	0	4	0	0	0	4
54	V71450	Test set, computer logic unit	0	0	0	0	0	1	0	1	0	0	0	0	0	0
55	W32593	Shop equip, auto maint and rep, OM common no 1, less power	1	5	0	1	1	6	0	14	0	0	0	0	1	1
56	W32730	Shop equip, auto maint and rep, OM common no 2, less power	0	0	0	1	0	0	0	1	1	0	0	0	0	1
		Class VIIG—Electronics														
57	Q32756	Radio set, AN/GRC-106	1	0	0	0	0	0	0	1	0	0	0	0	0	0

Table 2–18. Summary of Equipment–Division Support Command/Supply and Services Battalion, Division Support Command, Airborne Division–Continued

1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16
			Division support command								S&S bn					
	LIN	Nomenclature	HHC (29-52H)	Med bn (8-65H)	Div mat mgt cen (29-53H)	S&S bn (29-45H)	AG co (12-17H)	Maint bn (29-55H)	Fin co (14-37H)	DISCOM total (29-51H)	HHD S&S bn (29-46H)	Main S&S co (29-47H)	Three fwd S&S det (29-48H) (1)	Three fwd S&S det (29-48H) (3)	QM airdrop equip spt co (10-337H)	8n total (29-45H)
58	Q38299	Radio set, AN/PRC-77	4	0	0	0	0	4	0	8	0	0	0	0	0	0
59	Q38335	Radio set, AN/PRC-90	0	0	0	0	0	2	0	2	0	0	0	0	0	0
60	Q53001	Radio set, AN/VRC-46	2	1	2	5	0	23	0	33	0	2	1	3	0	5
61	Q54174	Radio set, AN/VRC-47	5	6	3	5	0	10	0	29	3	1	0	0	1	5
62	Q56783	Radio set, AN/VRC-64	0	4	0	0	0	0	0	4	0	0	0	0	0	0
63	Q78282	Radio set, control group, AN/GRA-39	4	11	2	7	0	7	0	31	2	1	1	3	1	7
64	U81707	Switchboard, telephone, manual, S8-22/PT	0	2	2	3	2	7	0	16	2	0	0	0	1	3
65	V31211	Telephone set, TA-312/PT	7	31	16	52	12	69	12	199	15	14	5	15	8	52
		Class VIIK–Tactical Vehicles														
66	E02807	Chassis, trailer, generator, 2½-ton, 2 whl, WE	0	0	2	0	0	2	0	4	0	0	0	0	0	0
67	S72024	Semitrailer, stake, 12-ton, 4-whl, WE	0	0	0	3	0	0	0	3	0	0	0	0	3	3
68	S74490	Semitrailer, van, expansible, 6-ton, 4-whl (Army)	0	0	1	0	1	0	0	2	0	0	0	0	0	0
69	W93961	Trailer, aircraft cargo, loading-unloading, 3½-ton, 4 whl, WE	0	0	0	16	0	0	0	16	0	16	0	0	0	16
70	W95400	Trailer, cargo, ¼-ton, 2-whl, WE	8	16	0	8	1	9	1	43	0	3	0	0	5	8
71	W95537	Trailer, cargo, ¾-ton, 2-whl, WE	2	21	0	2	2	3	0	30	1	1	0	0	0	2
72	W95811	Trailer, cargo, 1½-ton, 2-whl, WE	3	0	0	49	1	12	1	66	0	43	0	0	6	49
73	W98825	Trailer, tank, water, 400-gal, 1½-ton, 2 whl, WE	1	0	1	2	1	6	1	12	1	0	0	0	1	2
74	X38639	Truck, ambulance, ¼-ton, 4x4, WE	0	4	0	0	0	0	0	4	0	0	0	0	0	0
75	X38961	Truck, ambulance, 1¼-ton, 6x6, WE	0	28	0	0	0	0	0	28	0	0	0	0	0	0
76	X39432	Truck, cargo, 1¼-ton, 4x4, WE	0	0	0	0	1	0	0	1	0	0	0	0	0	0
77	X39735	Truck, cargo, ¾-ton, 4x4, WE	4	0	2	12	0	17	0	35	2	1	3	9	0	12
78	X39872	Truck, cargo, ¾-ton, 4x4, w/winch, WE	0	0	0	0	0	2	0	2	0	0	0	0	0	0
79	X39940	Truck, cargo, 1¼-ton, 6x6, WE	0	33	0	0	0	22	0	55	0	0	0	0	0	0
80	X40009	Truck, cargo, 2½-ton, 6x6, WE	1	0	1	47	1	16	1	67	3	37	0	0	7	47
81	X40077	Truck, cargo, drop side, 2½-ton, 6x6, WE	0	0	0	5	0	0	0	5	0	5	0	0	0	5
82	X40146	Truck, cargo, 2½-ton, 6x6, w/winch, WE	0	0	0	0	0	1	0	1	0	0	0	0	0	0
83	X40420	Truck, cargo, 2½-ton, 6x6, XLW8, w/winch, WE	0	0	0	0	0	1	0	1	0	0	0	0	0	0
84	X40831	Truck, cargo, 5-ton, 6x6, LW8 WE	0	0	0	6	0	1	0	7	0	6	0	0	0	6
85	X55627	Truck, platform, utility, ½-ton, 4x4, WE	0	0	0	0	0	9	0	9	0	0	0	0	0	0
86	X58367	Truck, tank, water, 1,000-gal, 2½-ton, 6x6, WE	0	0	0	0	0	1	0	1	0	0	0	0	0	0
87	X59326	Truck, tractor, 5-ton, 6x6, WE	2	0	0	3	0	0	0	5	0	0	0	0	3	3
88	X60833	Truck, utility, ¼-ton, 4x4, WE	8	16	5	18	2	17	1	67	3	4	2	6	5	18
89	X62237	Truck, van, expansible, 5-ton, 6x6, WE	0	0	0	0	1	0	0	1	0	0	0	0	0	0
90	X62340	Truck, van, shop, 2½-ton, 6x6, WE	0	0	0	0	1	0	0	1	0	0	0	0	0	0
91	X63299	Truck, wrecker, 5-ton, 6x6, w/winch, WE	0	0	0	1	0	8	0	9	1	0	0	0	0	1
		Class VIIL–Missiles														
92	V84002	Test set, radar, AN/MPM-59 OMTS (FAAR)	0	0	0	0	0	2	0	2	0	0	0	0	0	0
		Class VIIM–Weapons														
93	A90118	Armament, subsystem, helicopter, 7.62-mm, machine gun, light, w/o weapons, WE	0	0	0	0	0	1	0	1	0	0	0	0	0	0
94	L44595	Launcher, grenade, 40-mm, single shot, rifle, mtd, detachable, WE	4	0	2	18	7	15	3	49	2	4	2	6	6	18
95	L92260	Machinegun, 7.62-mm, acft, light, door mtd	0	0	0	0	0	2	0	2	0	0	0	0	0	0
96	L92386	Machinegun, 7.62-mm, light, flexible	4	0	4	34	4	17	3	66	4	8	4	12	10	34

Table 2—18. Summary of Equipment—Division Support Command/Supply and Services Battalion, Division Support Command, Airborne Division—Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
		Division support command								*S&S bn*					
1	*LIN*	*Nomenclature*	*HHC (29-52H)*	*Med bn (B-65H)*	*Div mat mgt cen (29-53H)*	*S&S bn (29-45H)*	*AG co (12-17H)*	*Maint bn (29-55H)*	*Fin co (14-37H)*	*DISCOM total (29-51H)*	*HHD S&S bn (29-46H)*	*Main S&S co (29-47H)*	*Three fwd S&S det (29-48H) (1)*	*(3)*	*QM airdrop equip spt co (10-337H)*	*Bn total (29-45H)*
97	M75714	Mount, tripod, machinegun, 7.62-mm	4	0	4	34	4	17	3	66	4	8	4	12	10	34
98	N96741	Pistol, cal .45, automatic	10	36	7	9	11	8	8	89	4	1	1	3	1	9
99	R91244	Revolver, cal .38, special, 4-in barrel	0	1	0	0	0	17	0	18	0	0	0	0	0	0
100	R94977	Rifle, 5.56-mm, WE	108	331	127	603	244	780	77	2,270	64	158	48	144	237	603
		Class VIIU—COMSEC Materiel														
101	E45766	Code changer key, KIK-18/TSEC	0	0	0	0	0	1	0	1	0	0	0	0	0	0
102	E45820	Code changer key, KYK-28/TSEC	1	5	1	1	0	2	0	10	1	0	0	0	0	1
103	P43177	Power supply assembly, vehicular, Z-ACD	2	11	1	2	0	1	0	17	2	0	0	0	0	2
104	U01295	Speech security equipment, abn, TSEC/KY-28	0	0	0	0	0	1	0	1	0	0	0	0	0	0
105	U01305	Speech security equipment, TSEC/KY-38	2	11	1	2	0	1	0	17	2	0	0	0	0	2
		Class VIIW—Ground: Construction and MHE														
106	F39172	Crane, whl mtd, 3-ton	0	0	0	0	0	3	0	3	0	0	0	0	0	0
107	G34805	Dolly set, lift, transportable, shelter, 2½-ton	0	0	0	0	0	36	0	36	0	0	0	0	0	0
108	W89557	Tractor, wheeled, warehouse, gas, 4,000 lb	0	0	0	3	0	0	0	3	0	0	0	0	3	3
109	X48914	Truck, lift, fork, dsl drvn, 6,000 lb cap, rough terrain	0	0	0	3	0	2	0	5	0	0	0	0	3	3
110	X49051	Truck, lift, fork, dsl drvn, 10,000-lb cap, rough terrain	0	0	0	3	0	0	0	3	0	0	0	0	3	3

Table 2–19. Summary of Equipment–Medical Battalion/Maintenance Battalion, Division Support Command, Airborne Division

1	2	3	4	5	6	7	8	9	10	11	12
		Medical bn				*Maintenance bn*					
1	*LIN*	*Nomenclature*	*HQ & spt co (8-66H)*	*Three med co (8-67H) (1)*	*(3)*	*Bn total (8-65H)*	*HQ & Maint Spt co (29-56H)*	*Trans acft maint co (55-99H)*	*Three fwd spt co (29-58H) (1)*	*(3)*	*Ord msl spt co (9-559H)*	*Bn total (29-55H)*
		Class IIA–Air										
2	A21383	Aerial recovery kit, for Army acft	0	0	0	0	0	2	0	0	0	2
		Class IIB–Troop Support										
3	K39774	Hoisting unit, truck mounting, org, maint set no 7	0	0	0	0	0	0	0	0	1	1
4	L64542	Light set, op area, acft, ½ kw, heliport (Army)	0	0	0	0	0	1	0	0	0	1
5	V84014	Test set, radar, AN/TPM-23 (VADS)	0	0	0	0	0	0	0	0	4	4
6	W32867	Shop equipment, auto maint and rep, org sup no 1, less power	1	0	0	1	1	1	1	3	1	6
		Class IIE–General Supply										
7	G68966	Drum, fabric, collapsible, liquid fuel, 500-gal cap	2	0	0	2	0	0	0	0	0	0
		Class IIG–Electronics										
8	C68719	Cable, telephone, WO-1/TT, OR-8, 1,320 ft	10	6	18	28	2	6	4	12	4	24
9	C68856	Cable, telephone, WD-1/TT, RL-159/U, 5,280 ft	2	0	0	2	4	2	0	0	0	6
10	C68993	Cable, telephone, WD-1/TT, 2 cond, field wire	8	0	0	8	0	0	0	0	0	0
11	U82529	Switchboard, telephone, manual, SB-993/GT	1	1	3	4	0	0	0	0	0	0
		Class VIIA–Air										
12	K31795	Helicopter, utility, UH-1H	0	0	0	0	0	1	0	0	0	1
13	W93995	Trailer acft maint, ambl, 4-wheeled, 30/48 in, trf rail system	0	0	0	0	0	6	0	0	0	6
14	X23227	Transporter, ambl, hyd lift, for shelter and X-4 container	0	0	0	0	3	4	2	6	2	15
		Class VIIB–Troop Support										
15	E69242	Compressor, RCP, power drvn, air rec, gas drvn, 15 CFM, 175 PSI	0	0	0	0	1	0	0	0	0	1
16	E70064	Compressor, RCP, power drvn, trk, 2-whl, pneu tires, gas drvn, 5 CFM, 175 PSI	2	1	3	5	1	1	1	3	1	6
17	G02204	Detecting set, mine, ptbl, metallic and nonmetallic	1	1	3	4	1	0	1	3	0	4
18	G02341	Detecting set, mine, ptbl, metallic (AN/PSS-11)	1	1	3	4	2	0	1	3	0	5
19	J35629	Generator set, dsl eng, 60 kw, 60 hz	0	0	0	0	1	0	0	0	0	1
20	J35813	Generator set, dsl eng, 5 kw, 60 hz, 1-3 ph, AC 120/208, 120/240V	0	0	0	0	2	0	0	0	0	2
21	J35825	Generator set, dsl eng, 10 kw, 60 hz, 1-3 ph, AC 120/208, 120/240V, tac util	0	0	0	0	1	1	0	0	0	2
22	J36725	Generator set, dsl eng, 30 kw, AC 120/208, 240/416V, 3 ph, 400 hz, tac precise	0	0	0	0	0	0	0	0	2	2
23	J42100	Generator set, gas eng, tlr mtd, 10 kw, 60 cy, 1 ph, AC 120/240V, PU-619/M	0	0	0	0	6	2	2	6	2	16
24	J42976	Generator set, gas eng, 0.5 kw, 60 cy, 1 ph, AC, 120/240V, shock mtd	0	0	0	0	0	1	0	0	0	1

Table 2–19. Summary of Equipment–Medical Battalion/Maintenance Battalion, Division Support Command, Airborne Division—Continued

1	2		3	4	5	6	7	8	9	10	11	12
			Medical bn				*Maintenance bn*					
1	*LIN*	*Nomenclature*	*HQ & spt co (8-66H)*	*Three med co (8-67H) (1)*	*(3)*	*Bn total (8-65H)*	*HQ & Maint Spt co (29-56H)*	*Trans acft maint co (55-99H)*	*Three fwd spt co (29-58H) (1)*	*(3)*	*Ord msl spt co (9-559H)*	*Bn total (29-55H)*
25	J43918	Generator set, gas eng, 1.5 kw, 60 hz, 1 ph, 2 wire, AC 120V, shock, tac util	2	0	0	2	9	3	8	24	6	44
26	J44055	Generator set, gas eng, 1.5 kw, DC 28V, shock, tac util	4	2	6	10	0	0	1	3	0	3
27	J45699	Generator set, gas eng, 3 kw, 60 hz, 1-3 ph, 120/240, 120/208V, skid, tac util	3	0	0	3	1	0	1	3	1	5
28	J46110	Generator set, gas eng, 3 kw, DC 28V, skid-shock, tblr frame mtd, tac util	1	0	0	1	2	2	1	3	1	8
29	J47068	Generator set, gas eng, 5 kw, 60 hz, 1-3 ph, AC 120/240, 120/208V, skid, tac util	0	0	0	0	0	1	1	3	1	5
30	J49398	Generator set, gas eng, 10 kw, 60 hz, 1-3 ph, AC 120/240, 120/208V, tac util	3	3	9	12	0	0	0	0	0	0
31	L64131	Light set, marker, emergency, afld runway, ptbl, battery op	2	2	6	8	0	0	0	0	0	0
32	P96640	Pumping assembly, flammable liquid, bulk transfer	1	0	0	1	0	0	0	0	0	0
33	T10138	Shop equip, contact maint, trk mtd	0	0	0	0	1	0	1	3	0	4
34	V12141	Tank and pump unit, liquid dispensing, truck mounting	0	0	0	0	0	1	0	0	0	1
35	V19950	Tank unit, liquid dispensing, trailer mounting	0	0	0	0	0	1	0	0	0	1
36	V71450	Test set, computer logic unit	0	0	0	0	1	0	0	0	0	1
37	W32593	Shop equipment, auto maint and rep, OM common no 1, less power	2	1	3	5	1	1	1	3	1	6
		Class VIIG–Electronics										
38	Q38299	Radio set, AN/PRC-77	0	0	0	0	4	0	0	0	0	4
39	Q38335	Radio set, AN/PRC-90	0	0	0	0	0	2	0	0	0	2
40	Q53001	Radio set, AN/VRC-46	1	0	0	1	0	2	1	3	18	23
41	Q54174	Radio set, AN/VRC-47	3	1	3	6	3	0	2	6	1	10
42	Q56783	Radio set, AN/VRC-64	1	1	3	4	0	0	0	0	0	0
43	Q78282	Radio set, control group, AN/GRA-39	5	2	6	11	1	1	1	3	1	7
44	U81707	Switchboard, telephone, manual, SB-22/PT	2	0	0	2	2	1	1	3	1	7
45	V31211	Telephone set, TA-312/PT	16	5	15	31	18	12	9	27	12	69
		Class VIIK–Tactical Vehicles										
46	E02807	Chassis, trailer, generator, 2½-ton, 2-whl, WE	0	0	0	0	0	0	0	0	2	2
47	W95400	Trailer, cargo, ¼-ton, 2-whl, WE	7	3	9	16	4	2	1	3	0	9
48	W95537	Trailer, cargo, ¾-ton, 2-whl, WE	6	5	15	21	0	3	0	0	0	3
49	W95811	Trailer, cargo, 1½-ton, 2-whl, WE	0	0	0	0	3	5	1	3	1	12
50	W98825	Trailer, tank, water, 400-gal, 1½-ton, 2-whl, WE	0	0	0	0	1	1	1	3	1	6
51	X38639	Truck, ambulance, ¼-ton, 4x4, WE	4	0	0	4	0	0	0	0	0	0

Table 2–19. Summary of Equipment–Medical Battalion/Maintenance Battalion, Division Support Command, Airborne Division–Continued

1	2		3	4	5	6	7	8	9	10	11	12
				Medical bn				*Maintenance bn*				
1	*LIN*	*Nomenclature*	*HQ & spt co (8-66H)*	*Three med co (8-67H) (1)*	*(3)*	*Bn total (8-65H)*	*HQ & Maint Spt co (29-56H)*	*Trans acft maint co (55-99H)*	*Three fwd spt co (29-58H) (1)*	*(3)*	*Ord msl spt co (9-559H)*	*Bn total (29-55H)*
52	X38961	Truck, ambulance, 1¼-ton, 6x6, WE	4	8	24	28	0	0	0	0	0	0
53	X39735	Truck, cargo, ¾-ton, 4x4, WE	0	0	0	0	7	1	0	0	9	17
54	X39872	Truck, cargo, ¾-ton, 4x4, w/winch, WE	0	0	0	0	0	2	0	0	0	2
55	X39940	Truck, cargo, 1¼-ton, 6x6, WE	15	6	18	33	1	0	4	12	9	22
56	X40009	Truck, cargo, 2½-ton, 6x6, WE	0	0	0	0	3	5	2	6	2	16
57	X40146	Truck, cargo, 2½-ton, 6x6, w/winch, WE	0	0	0	0	0	0	0	0	1	1
58	X40420	Truck, cargo, 2½-ton, 6x6, XLWB, w/winch, WE	0	0	0	0	0	0	0	0	1	1
59	X40831	Truck, cargo, 5-ton, 6x6, LWB, WE	0	0	0	0	0	1	0	0	0	1
60	X55627	Truck, platform, utility, ½-ton, 4x4, WE	0	0	0	0	0	6	1	3	0	9
61	X58367	Truck, tank, water, 1,000-gal, 2½-ton, 6x6, WE	0	0	0	0	0	1	0	0	0	1
62	X60833	Truck, utility, ¼-ton, 4x4, WE	7	3	9	16	5	2	2	6	4	17
63	X63299	Truck, wrecker, 5-ton, 6x6, w/winch, WE	0	0	0	0	4	1	1	3	0	8
		Class VIIL–Missiles										
64	V84002	Test set, radar, AN/MPM-59, OMTS (FAAR)	0	0	0	0	0	0	0	0	2	2
		Class VIIM–Weapons										
65	A90118	Armament subsystem, helicopter, 7.62-mm, machine-gun, light, w/o weapons, WE	0	0	0	0	0	1	0	0	0	1
66	L44595	Launcher, grenade, 40-mm, single shot rifle, mtd detachable, WE	0	0	0	0	3	6	2	6	0	15
67	L92260	Machinegun, 7.62-mm, acft, light, door mtd	0	0	0	0	0	2	0	0	0	2
68	L92386	Machinegun, 7.62-mm, light, flexible	0	0	0	0	4	4	2	6	3	17
69	M75714	Mount, tripod, machinegun, 7.62-mm	0	0	0	0	4	4	2	6	3	17
70	N96741	Pistol, cal .45, automatic	15	7	21	36	4	0	1	3	1	8
71	R91244	Revolver, cal .38, special, 4-in barrel	1	0	0	1	2	15	0	0	0	17
72	R94977	Rifle, 5.56-mm, WE	127	68	204	331	232	175	83	249	124	780
		Class VIIU–COMSEC Materiel										
73	E45766	Code changer key, KIK-18/TSEC	0	0	0	0	0	1	0	0	0	1
74	E45820	Code changer key, KYK-28/TSEC	2	1	3	5	1	1	0	0	0	2
75	P43177	Power supply assembly, vehicular, Z-ACD	5	2	6	11	1	0	0	0	0	1
76	U01295	Speech security equipment, abn, TSEC/KY-28	0	0	0	0	0	1	0	0	0	1
77	U01305	Speech security equipment, TSEC/KY-38	5	2	6	11	1	0	0	0	0	1
		Class VIIW–Ground: Construction and MHE										
78	F39172	Crane, wheel mtd, 3-ton	0	0	0	0	0	2	0	0	1	3
79	G34805	Dolly set, lift, transportable shelter, 2½-ton	0	0	0	0	25	1	3	9	1	36
80	X48914	Truck, lift, fork, dsl drvn, 6,000-lb, cap, rough terrain	0	0	0	0	1	1	0	0	0	2

Table 2—20. Summary of Equipment—Air Cavalry Squadron/Infantry Battalion/Armor Battalion, Airborne Division

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
		Air cav sqdn					*Infantry bn*					*Armor bn*			
				Three air cav trp				*Three rifle co (7-37H)*		*Cbt*			*Three armor co (17-218H)*		
1	*LIN*	*Nomenclature*	*HHT (17-276H)*	*Cav trp (17-277H)*	*(17-278H) (1)*	*(3)*	*Sqdn total (17-275H)*	*HHC (7-36H)*	*(1)*	*(3)*	*Spt co (7-38H)*	*Bn total (7-35H)*	*HHC (17-216H)*	*(1)*	*(3)*	*Bn total (17-215H)*
		Class IIA—Air														
2	M02470	Maintenance platform, hydraulic adjustable to 10 ft high, 44½-in wide	1	0	2	6	7	0	0	0	0	0	0	0	0	0
3	M02504	Maintenance platform, hydraulic adjustable type, 3 to 7 ft high	1	0	3	9	10	0	0	0	0	0	0	0	0	0
		Class IIB—Troop Support														
4	H52010	Filter-separator, liquid fuel, 100 GPM, 75 PSI, 2-in inlet, 2-in outlet	0	0	0	0	0	0	0	0	0	0	4	0	0	4
5	L64542	Light set, op area, acft, ½ kw, heliport (Army)	1	0	1	3	4	0	0	0	0	0	0	0	0	0
6	W32867	Shop equipment, auto maint and rep, org sup no 1, less power	1	1	1	3	5	1	0	0	0	1	0	0	0	0
		Class IIE—Ganaral Supply														
7	G68966	Drum, fabric, collapsible, liquid fuel, 500-gal capacity	3	0	6	18	21	5	0	0	0	5	15	0	0	15
		Class IIG—Electronics														
8	C68719	Cable, telephone, WO-1/TT, OR-8, 1,320 ft	27	24	11	33	84	14	22	66	36	116	48	19	57	105
9	C68856	Cable, telephone, WD-1/TT, RL-159/U, 5,280 ft	0	0	0	0	0	16	0	0	0	16	2	0	0	2
10	C68993	Cable, telephone, WD-1/TT, 2 cond, field wire	15	4	0	0	19	36	5	15	18	69	0	0	0	0
11	R30662	Receiver-transmitter, control gp, AN/GRA-6	3	1	1	3	7	0	0	0	0	0	0	0	0	0
12	U82529	Switchboard, telephone, manual, SB-993/GT	0	0	0	0	0	0	2	6	2	8	0	0	0	0
		Class VIIA—Air														
13	K29660	Helicopter, attack, AH-1G	0	0	9	27	27	0	0	0	0	0	0	0	0	0
14	K31042	Helicopter, observation, OH-58A	0	0	10	30	30	0	0	0	0	0	0	0	0	0
15	K31795	Helicopter, utility, UH-1H	4	0	8	24	28	0	0	0	0	0	0	0	0	0
16	T17093	Shop set, acft maint, ambl, UH-1/OH-6, co size, DS	3	0	0	0	3	0	0	0	0	0	0	0	0	0
17	W62611	Tool set, aviation unit maint, set no 1, ambl	1	0	3	9	10	0	0	0	0	0	0	0	0	0
18	X23227	Transporter, ambl, hydraulic lift, for shelter and X-4 container	5	0	1	3	8	0	0	0	0	0	0	0	0	0
		Class VIIB—Troop Support														
19	E69242	Compressor, RCP, power drvn, air rec, gas drvn, 15 CFM, 175 PSI	0	0	0	0	0	0	0	0	0	0	1	0	0	1
20	E70064	Compressor, RCP, power drvn, trk, 2-whl, pneu tires, gas drvn, 5 CFM, 175 PSI	1	1	1	3	5	1	0	0	1	2	1	1	3	4
21	E70201	Compressor, RCP, power drvn, trk, 2-whl, pneu tires, gas drvn, 8 CFM, 175 PSI	1	0	1	3	4	0	0	0	0	0	0	0	0	0
22	G02204	Detecting set, mine, ptbl, metallic and nonmetallic	1	1	0	0	2	0	1	3	1	4	1	1	3	4
23	G02341	Detecting set, mine, ptbl metallic (AN/PSS-11)	1	3	0	0	4	0	2	6	2	8	1	2	6	7
24	H94824	Forward area refueling equipment (FARE)	1	0	2	6	7	0	0	0	0	0	0	0	0	0
25	J42856	Generator set, gas eng, 0.5 kw, 28V, skid-shock, tac util	0	0	0	0	0	0	0	0	0	0	1	0	0	1
26	J42976	Generator set, gas eng, 0.5 kw, 60 cy, 1 ph, AC 120/240V, shock mtd	1	0	1	3	4	0	0	0	0	0	0	0	0	0
27	J43027	Generator set, gas eng, 0.5 kw, 400 hz, 1 ph, AC 120/240V, skid-shock, tac util	0	0	0	0	0	0	0	0	2	2	0	0	0	0

Table 2–20. Summary of Equipment–Air Cavalry Squadron/Infantry Battalion/Armor Battalion, Airborne Division–Continued

1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16
			Air cav sqdn					*Infantry bn*					*Armor bn*			
					Three air cav trp				*Three rifle co (7-37H)*		*Cbt*			*Three armor co (17-218H)*		
1	*LIN*	*Nomenclature*	*HHT (17-276H)*	*Cav trp (17-277H)*	*(1)*	*(3)*	*Sqdn total (17-275H)*	*HHC (7-36H)*	*(1)*	*(3)*	*Spt co (7-38H)*	*Bn total (7-35H)*	*HHC (17-216H)*	*(1)*	*(3)*	*Bn total (17-215H)*
28	J43918	Generator set, gas eng, 1.5 kw, 60 hz, 1 ph, 2-wire, AC 120V, shock, tac util	5	1	5	15	21	2	0	0	0	2	3	0	0	3
29	J44055	Generator set, gas eng, 1 5 kw, DC 28V, shock, tac util	0	0	0	0	0	0	0	0	0	0	1	1	3	4
30	J45699	Generator set, gas eng, 3 kw, 60 hz, 1-3 ph, 120/240, 120/208V, skid, tac util	1	0	0	0	1	0	0	0	0	0	1	0	0	1
31	J46110	Generator set, gas eng, 3 kw, DC 28V, skid-shock, tblr frame mtd, tac util	6	2	2	6	14	4	0	0	0	4	3	0	0	3
32	J47068	Generator set, gas eng, 5 kw, 60 hz, 1-3 ph, AC 120/240, 120/208V, skid, tac util	0	0	0	0	0	0	0	0	0	0	1	0	0	1
33	J47617	Generator set, gas eng, tlr mtd, 5 kw, 60 hz, 2 ea, mtd on M116 PU-620	0	0	0	0	0	0	0	0	0	0	2	0	0	2
34	J49055	Generator set, gas eng, 7 5 kw, DC 28.5V, whl mtd	1	0	3	9	10	0	0	0	0	0	0	0	0	0
35	L64131	Light set, marker, emergency, afld runway, ptbl, battery op	2	0	1	3	5	0	0	0	0	0	0	0	0	0
36	P96640	Pumping assembly, flammable liquid, bulk transfer	0	0	0	0	0	0	0	0	0	0	4	0	0	4
37	V12141	Tank and pump unit, liquid dispensing, truck mounting	4	0	4	12	16	0	0	0	0	0	0	0	0	0
38	V19950	Tank unit, liquid dispensing, tlr mounting	4	0	0	0	4	0	0	0	0	0	0	0	0	0
39	W32593	Shop equipment, auto maint and rep, QM common no 1, less power	1	1	1	3	5	1	0	0	1	2	1	1	3	4
40	W32730	Shop equipment, auto maint and rep, QM common no 2, less power	0	0	0	0	0	0	0	0	0	0	1	0	0	1
41	W65747	Tool set, vehicle, full tracked, org maint suppl, no 2, less power	0	0	0	0	0	0	0	0	0	0	1	0	0	1
		Class VIIG–Electronics														
42	E58601	Command console, electronic, AN/ASC-15	2	0	0	0	2	0	0	0	0	0	0	0	0	0
43	L60318	Light beacon, MX-7301/TVN	5	0	0	0	5	0	0	0	0	0	0	0	0	0
44	N04730	Night vision sight, individual, SERVEP weapon, AN/PVS-2	0	20	8	24	44	2	25	75	6	83	17	19	57	74
45	N15518	Night vision sight, tripod mounted, AN/TVS-4	0	3	0	0	3	0	1	3	6	9	1	1	3	4
46	Q32756	Radio set, AN/GRC-106	3	1	1	3	7	0	0	0	0	0	1	0	0	1
47	Q34308	Radio set, AN/GRC-160	5	18	0	0	23	1	0	0	13	14	10	0	0	10
48	Q38299	Radio set, AN/PRC-77	0	3	15	45	48	7	16	48	20	75	0	1	3	3
49	Q38335	Radio set, AN/PRC-90	8	0	54	162	170	0	0	0	0	0	0	0	0	0
50	Q45779	Radio set, AN/VRC-12	0	0	0	0	0	0	0	0	0	0	3	8	24	27
51	Q50421	Radio set, AN/VRC-24	1	0	0	0	1	0	0	0	0	0	0	0	0	0
52	Q53001	Radio set, AN/VRC-46	6	7	0	0	13	6	0	0	4	10	12	1	3	15
53	Q54174	Radio set, AN/VRC-47	10	6	4	12	28	4	2	6	5	15	10	1	3	13
54	Q55114	Radio set, AN/VRC-49	1	0	0	0	1	1	0	0	0	1	1	0	0	1
55	Q56783	Radio set, AN/VRC-64	3	0	0	0	3	0	0	0	0	0	3	10	30	33
56	Q78282	Radio set, control group, AN/GRA-39	5	2	1	3	10	8	2	6	2	16	10	5	15	25
57	Q90120	Radio teletypewriter set, AN/GRC-142	0	0	0	0	0	0	0	0	0	0	2	0	0	2
58	Q91301	Radio teletypewriter set, AN/VSC-2	2	0	0	0	2	1	0	0	0	1	0	0	0	0
59	R29799	Receiver set, radio, AN/PRR-9	0	0	0	0	0	0	18	54	0	54	0	0	0	0

Table 2–20. Summary of Equipment–Air Cavalry Squadron/Infantry Battalion/Armor Battalion, Airborne Division–Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
		Air cav sqdn					*Infantry bn*					*Armor bn*			
				Three air cav trp											
1	*LIN*	*Nomenclature*	*HHT (17-276H)*	*Cav trp (17-277H)*	*(17-278H) (1)*	*(3)*	*Sqdn total (17-275H)*	*HHC (7-36H)*	*Three rifle co (7-37H) (1)*	*(3)*	*Cbt Spt co (7-38H)*	*Bn total (7-35H)*	*HHC (17-216H)*	*Three armor co (17-218H) (1)*	*(3)*	*Bn total (17-215H)*
60	U81707	Switchboard, telephone, manual, S8-22/PT	2	1	1	3	6	2	1	3	2	7	2	1	3	5
61	V30252	Telephone set, TA-1/PT	5	3	4	12	20	0	21	63	10	73	4	3	9	13
62	V31211	Telephone set, TA-312/PT	14	6	8	24	44	22	7	21	12	55	15	2	6	21
63	X17820	Transmitter set, radio, AN/PRT-4	0	0	0	0	0	0	18	54	0	54	0	0	0	0
		Class VIIK–Tactical Vehicles														
64	A93125	Armored reconnaissance airborne assault vehicle, full tracked, 152-mm	0	0	0	0	0	0	0	0	0	0	3	17	51	54
65	W94030	Trailer, ammunition, 1½-ton, 2-whl, WE	0	0	2	6	6	0	0	0	0	0	0	8	24	24
66	W95400	Trailer, cargo, ¼-ton, 2-whl, WE	16	3	3	9	28	6	4	12	14	32	8	0	0	8
67	W95537	Trailer, cargo, ¾-ton, 2-whl, WE	0	0	0	0	0	6	0	0	1	7	6	2	6	12
68	W95811	Trailer, cargo, 1½-ton, 2-whl, WE	19	1	3	9	29	1	0	0	0	1	18	0	0	18
69	W98825	Trailer, tank, water, 400-gal, 1½-ton, 2-whl, WE	2	0	0	0	2	4	0	0	0	4	4	0	0	4
70	X38961	Truck, amublance, 1¼-ton, 6x6, WE	2	0	0	0	2	3	0	0	0	3	3	0	0	3
71	X39940	Truck, cargo, 1¼-ton, 6x6, WE	10	6	1	3	19	10	0	0	3	13	13	3	9	22
72	X40009	Truck, cargo, 2½-ton, 6x6, WE	15	1	4	12	28	5	0	0	0	5	16	0	0	16
73	X40146	Truck, cargo, 2½-ton, 6x6, w/winch, WE	6	0	7	21	27	0	0	0	0	0	0	0	0	0
74	X40831	Truck, cargo, 5-ton, 6x6, LW8, WE	0	0	0	0	0	0	0	0	0	0	6	0	0	6
75	X55627	Truck, platform, util, ½-ton, 4x4, WE	0	0	2	6	6	1	5	15	11	27	0	0	0	0
76	X60833	Truck, util, ¼-ton, 4x4, WE	20	20	3	9	49	7	2	6	16	29	26	0	0	26
77	X63299	Truck, wrecker, 5-ton, 6x6, w/winch, WE	2	0	0	0	2	0	0	0	0	0	3	1	3	6
		Class VIIL–Missiles														
78	G22933	Display set, target alert data (FAAR)	6	0	0	0	6	0	0	0	6	6	5	0	0	5
79	L45740	Launcher, tubular guided missile (TOW)	0	6	0	0	6	0	2	6	6	12	0	0	0	0
80	X45317	Truck guided missile (TOW)	0	6	0	0	6	0	2	6	6	12	0	0	0	0
81	X45549	Truck guided missile equipment jeep (TOW)	0	6	0	0	6	0	2	6	6	12	0	0	0	0
		Class VIIM–Weapons														
82	A22496	Aiming circle	0	0	0	0	0	0	1	3	2	5	0	0	0	0
83	A89820	Armament pod aircraft, 7.62-mm machinegun, w/o weapon	0	0	6	18	18	0	0	0	0	0	0	0	0	0
84	A89992	Armament subsystem, helicopter, 20-mm, automatic gun	0	0	4	12	12	0	0	0	0	0	0	0	0	0
85	A90118	Armament subsystem, helicopter, 7.62-mm machine-gun, light, w/o weapons, WE	4	0	8	24	28	0	0	0	0	0	0	0	0	0
86	A90437	Armament subsystem, helicopter, 7.62-mm, machine-gun, 40-mm launcher, hi rate w/o wpns	0	0	9	27	27	0	0	0	0	0	0	0	0	0
87	L44174	Launcher, grenade, aircraft, 40-mm, left or right hand feed	0	0	9	27	27	0	0	0	0	0	0	0	0	0
88	L44595	Launcher, grenade, 40-mm, single shot rifle, mtd, detachable, WE	4	23	19	57	84	6	20	60	9	75	14	2	6	20
89	L45016	Launcher, rocket, aircraft, 2.75-in	0	0	12	36	36	0	0	0	0	0	0	0	0	0
90	L45063	Launcher, rocket, aircraft, 2.75-in, 19 tube (repairable)	0	0	20	60	60	0	0	0	0	0	0	0	0	0
91	L45250	Launcher, rocket, 66-mm, 4-tube	0	3	1	3	6	6	0	0	0	6	2	1	3	5
92	L91838	Machinegun, cal .50, H8 flexible, vehicle mtd	0	0	0	0	0	0	0	0	0	0	3	17	51	54
93	L91975	Machinegun, cal .50, H8 flexible, for ground use	3	0	6	18	21	0	0	0	0	0	12	1	3	15
94	L92260	Machinegun, 7.62-mm, aircraft, light, door mtd	8	0	16	48	56	0	0	0	0	0	0	0	0	0

Table 2–20. Summary of Equipment–Air Cavalry Squadron/Infantry Battalion/Armor Battalion, Airborne Division–Continued

1	LIN	Nomenclature	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
				Air cav sqdn					Infantry bn					Armor bn			
						Three air cav trp											
				HHT (17-276H)	Cav trp (17-277H)	(17-278H) (1)	(3)	Sqdn total (17-275H)	HHC (7-36H)	Three rifle co (7-37H) (1)	(3)	Cbt Spt co (7-38H)	8n total (7-35H)	HHC (17-216H)	Three armor co (17-218H) (1)	(3)	8n total (17-215H)
95	L92323	Machinegun, 7.62-mm, six barrels		0	0	15	45	45	0	0	0	0	0	0	0	0	0
96	L92386	Machinegun, 7.62-mm, light, flexible		2	16	14	42	60	2	6	18	6	26	12	0	0	12
97	M68008	Mortar, 81-mm, on mount		0	3	0	0	3	0	3	9	0	9	0	0	0	0
98	M68282	Mortar, 4.2-in, on mount		0	0	0	0	0	0	0	0	4	4	0	0	0	0
99	M75577	Mount, tripod, machinegun, heavy, cal .50		3	0	6	18	21	0	0	0	0	0	12	1	3	15
100	M75714	Mount, tripod, machinegun, 7.62-mm		2	16	4	12	30	2	6	18	6	26	12	0	0	12
101	N82364	Periscope, battery, command		0	0	0	0	0	0	0	0	1	1	0	0	0	0
102	N96741	Pistol, cal .45, automatic		0	19	0	0	19	20	23	69	26	115	23	69	207	230
103	R12989	Range finder, fire control, WE (laser)		0	3	0	0	3	0	0	0	0	0	0	0	0	0
104	R91244	Revolver, cal .38, special, 4-in barrel		46	0	68	204	250	0	0	0	0	0	0	0	0	0
105	R94977	Rifle, 5.56-mm, WE		204	114	123	369	687	122	148	444	96	662	192	17	51	243
106	U56346	Submachinegun, cal .45		0	0	0	0	0	0	0	0	0	0	6	34	102	108
		Class VIIU–COMSEC Materiel															
107	E45766	Code changer key, KIK-18/TSEC		1	0	11	33	34	0	0	0	0	0	0	0	0	0
108	E45820	Code changer key, KYK-28/TSEC		4	1	12	36	41	4	1	3	5	12	6	1	3	9
109	H02300	Electronic teletypewriter security equipment, TSEC/KW-7		2	0	0	0	2	1	0	0	0	1	2	0	0	2
110	P43177	Power supply assembly, vehicular, Z-ACD		6	2	3	9	17	9	1	3	5	17	17	2	6	23
111	U01295	Speech security equipment, airborne, TSEC/KY-28		10	0	27	81	91	0	0	0	0	0	0	0	0	0
112	U01305	Speech security equipment, TSEC/KY-38		6	2	3	9	17	9	1	3	5	17	17	2	6	23
113	V08721	Tactical digital regenerative repeater, portable, HYL-3/TSEC		1	0	0	0	1	1	0	0	0	1	1	0	0	1
		Class VIIW–Ground: Construction and MHE															
114	X48914	Truck, lift, fork, dsl drvn, 6,000-lb cap, rough terrain		1	0	2	6	7	0	0	0	0	0	0	0	0	0
115	X52476	Truck, lift, fork, gas pt 10,000-lb, rough terrain		1	0	0	0	1	0	0	0	0	0	0	0	0	0

Table 2–21. Summary of Equipment—Type of Air Assault Division

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
								Three bde HHC					Nine ambl			
1	LIN	Nomenclature	HHC (67-4H)	MP co (19-87H)	CBTI Co (30-19H)	Avn gp (7-200H)	Sig bn (11-205H)	Engr bn (5-215H)	(67-47H) (1)	(3)	Cav sqdn (17-95H)	Div arty (6-700H)	DISCOM (29-41H)	inf bn (1)	(9)	ADA bn (44-435H)	Div total (67H)
		Class IIA—Air															
2	A21383	Aerial recovary kit for Army acft	0	0	0	0	0	0	0	0	0	5	4	0	0	0	9
3	M02470	Maintenance platform, hydraulic adjustable to 10-ft high, 44½-in wide	0	0	0	37	0	0	2	6	10	2	2	0	0	0	57
4	M02504	Maintanance platform, hydraulic adjustabla type, 3 to 7 ft high	0	0	0	43	0	0	2	6	10	2	2	0	0	0	63
		Class IIB—Troop Support															
5	H52010	Filter-separator, liquid fuel, 100 GPM, 75 PSI, 2-in inlet, 2-in outlet	0	0	0	0	0	0	0	0	0	0	7	0	0	0	7
6	K39774	Hoisting unit, truck mounting, organizational maint set no 7	0	1	0	0	1	0	0	0	0	0	0	0	0	1	3
7	L64542	Light set, operational area, acft, ½ kw, heliport (Army)	0	0	0	41	0	0	0	0	4	0	3	0	0	0	48
8	P90610	Pumping assembly, flammable liquid, bulk transfer, gas drvn, 100 GPM	0	0	0	0	0	0	0	0	0	0	19	0	0	0	19
9	V63606	Test set, antiaircraft artillery, AN/MWM-2 (VADS)	0	0	0	0	0	0	0	0	0	0	4	0	0	0	4
10	V84014	Test set, radar, AN/TPM-23 (VADS)	0	0	0	0	0	0	0	0	0	0	4	0	0	8	12
11	W32867	Shop equipment, auto maint and rep, org sup no 1 less power	1	1	1	14	0	0	1	3	5	5	14	0	0	0	44
12	W67843	Torch outfit, cutting and welding set 2	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2
13	Z13157	Card punch machine, ADPE	0	0	0	0	0	0	0	0	0	0	7	0	0	0	7
14	Z74660	Sorter, ADPE	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
15	F77651	CS3, Data analysis central, OL-88(V), 1/MYK-8(V)	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
16	F77918	CS3, Data storage group, OL-89(V), 1/MYK-8(V)	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
17	F77964	CS3, Data support facility, mobile, V-460/MYK-8(V)	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
18	M57481	CS3, Maintenanca shop facility, mobile, V-452/ MYK-8(V)	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
19	U43735	CS3, Storage facility, mobile, V-483/MYK-8(V)	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
20	J35801	CS3, Generator, diesel engine, 100 kw, 60 hz, mounted on M353, PU-495	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
21	X59326	CS3, Truck tractor, 5-ton, 6x6, WE, M818	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
		Class IIE—Ganaral Supply															
22	G68966	Drum, fabric, collapsible, liquid fuel, 500-gal capacity	0	0	0	154	0	3	2	6	21	4	18	2	18	0	224
		Class IIG—Electronics															
23	C68719	Cabla, telephone, WO-1/TT, OR-8 1,320 ft	0	3	60	288	32	93	22	66	117	368	63	79	711	412	2,213
24	C68856	Cable, telephone, WD-1/TT, RL-159/U 5,280 ft	0	2	0	69	72	0	10	30	0	101	20	16	144	24	462
25	C68993	Cable, telephone, WD-1/TT, 2 cond, field wira	0	0	0	10	0	0	20	60	19	148	2	59	531	0	770
26	R30662	Recaivar-transmittar, control group, AN/GRA-6	1	0	2	15	2	0	2	6	6	6	1	0	0	3	42
27	U82529	Switchboard, telephona, manual, S8-993/GT	0	0	0	0	0	12	0	0	6	18	5	10	90	12	143
		Class VIIA—Air															
28	K29660	Halicopter, attack, AH-1G	0	0	0	63	0	0	0	0	27	0	0	0	0	0	90
29	K30449	Helicopter, cargo, transport, CH-47C	0	0	0	48	0	0	0	0	0	0	0	0	0	0	48
30	K31042	Halicoptar, observation, OH-58A	0	0	0	52	0	0	8	24	30	16	0	0	0	0	122
31	K31795	Helicopter, utility, UH-1H	0	0	0	145	0	0	4	12	28	0	16	0	0	0	201
32	K31804	Helicopter, utility, UH-1M	0	0	0	6	0	0	0	0	0	0	0	0	0	0	6
33	T17090	Shop set, acft maint, airmobile, UH-1, co size, DS	0	0	0	6	0	0	0	0	0	0	0	0	0	0	6

Table 2–21. Summary of Equipment–Type of Air Assault Division–Continued

1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
									Three bde HHC					Nine ambl			
1	*LIN*	*Nomenclature*	*HHC (67-4H)*	*MP co (19-87H)*	*C8TI Co (30-19H)*	*Avn gp (7-200H)*	*Sig bn (11-205H)*	*Engr bn (5-215H)*	*(67-47H) (1)*	*(3)*	*Cav sqdn (17-95H)*	*Div arty (6-700H)*	*DISCDM (29-41H)*	*inf bn (1)*	*(9)*	*ADA bn (44-435H)*	*Div total (67H)*
34	T17093	Shop set, acft maint, airmobila, UH-1/OH-6, co size, DS	0	0	0	4	0	0	0	0	3	1	0	0	0	0	8
35	W62611	Tool set, aviation unit, maint, set no 1, airmobile	0	0	0	43	0	0	2	6	10	2	2	0	0	0	63
36	W93995	Trailer, acft maint, airmobile, 4-whl, 30/48-in trf rail system	0	0	0	0	0	0	0	0	0	0	8	0	0	0	8
37	X23227	Transporter, airmobile, hydraulic lift, for shelter and X-4 container	0	0	0	42	0	0	1	3	10	4	53	0	0	0	112
		Class VIIB–Troop Support															
38	E69242	Compressor, rcp, power drvn, air rec, gas drvn, 15 CFM, 175 PSI	0	0	0	0	1	1	0	0	0	1	0	0	0	1	4
39	E70064	Compressor, rcp, power drvn, trk, 2-whl, pneu tires, gas drvn, 5 CFM, 175 PSI	1	1	1	14	0	0	1	3	5	9	18	1	9	0	61
40	E70201	Compressor, rcp, power drvn, trk, 2-whl, pneu tires, gas drvn, 8 CFM, 175 PSI	0	0	0	11	0	0	1	3	4	2	1	0	0	0	21
41	E70817	Compressor, rcp, power drvn, air whl, gas drvn, 4 CFM; 3,000 PSI	0	0	0	3	0	0	0	0	0	0	0	0	0	0	3
42	G02204	Detecting set, mine, ptbl, metallic and nonmetallic	0	3	1	0	4	57	0	0	4	20	9	4	36	5	139
43	G02341	Detecting set, mine, ptbl, metallic (AN/PSS-11)	0	3	1	0	4	46	0	0	4	20	9	8	72	5	164
44	H94824	Forward area refueling equipment (FARE)	0	0	0	49	0	0	2	6	7	1	10	0	0	0	73
45	H94893	Forward area refueling equipment system	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
46	J04716	Fuel system supply point, ptbl, 60,000-gal cap	0	0	0	0	0	0	0	0	0	0	5	0	0	0	5
47	J35492	Generator set, dsl eng, 15 kw, 60 hz mtd on M200, PU-405	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
48	J35680	Genertor set, dsl eng, 60 kw, 40 hz	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
49	J35835	Generator set, dsl eng, 15 kw, 60 hz, 3 ph, AC 120/208 240/416V, skid, tac util	0	0	0	0	0	0	0	0	0	0	5	0	0	0	5
50	J36109	Generator set, dsl eng, 30 kw, 60 hz, 3 ph, AC 120/208 240/416V, 50 hz, tac util	0	0	0	0	0	0	0	0	0	0	11	0	0	0	11
51	J36383	Generator set, dsl eng, tlr mtd, 30 kw, 60 hz, mtd on M200 PU-406	0	0	1	1	0	0	0	0	0	0	1	0	0	0	1
52	J36725	Generator set, dsl eng, 30 kw, AC 120/208 240/416V, 3 ph, 400 hz, tac precise	0	0	0	0	0	0	0	0	0	0	3	0	0	0	3
53	J41041	Generator set, gas eng, tlr mtd, PU-253/U	0	0	0	5	0	0	0	0	0	0	0	0	0	0	5
54	J42100	Generator set, gas eng, tlr mtd, 10 kw, 60 cy, 1 ph, AC 120/240V, PU-619/M	1	0	0	5	1	0	0	0	0	0	8	0	0	0	15
55	J42976	Generator set, gas eng, 0.5 kw, 60 cy, 1 ph, AC 120/240V, shock mtd	0	0	0	37	0	0	0	0	4	5	3	0	0	0	49
56	J43027	Generator set, gas eng, 0.5 kw, 400 hz, 1 ph, AC 120/240V, skid-shock, tac util	0	0	22	3	0	0	0	0	0	1	0	4	36	0	62
57	J43918	Generator set, gas eng, 1.5 kw, 60 hz, 1 ph, 2 wire, AC 120V, shock, tac util	1	2	6	143	73	6	5	15	24	25	42	3	27	2	366
58	J44055	Generator set, gas eng, 1.5 kw, DC 28V, shock, tac util	0	5	4	3	0	5	0	0	3	53	11	2	18	16	118
59	J45699	Generator set, gas eng, 3 kw, 60 hz, 1-3 ph, 120/240 120/208V, skid, tac util	0	0	0	8	14	14	2	6	0	7	22	0	0	0	71
60	J45836	Generator set, gas eng, 3 kw, 400 hz, 1-3 ph, AC 120/208/240V, tac util	0	0	2	1	0	0	0	0	0	34	0	0	0	0	37

Table 2–21. Summary of Equipment–Type of Air Assault Division–Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
								Three bde HHC					Nine ambl			Div
1 LIN	*Nomenclature*	*HHC (67-4H)*	*MP co (19-87H)*	*CBTI Co (30-19H)*	*Avn gp (7-200H)*	*Sig bn (11-205H)*	*Engr bn (5-215H)*	*(67-47H) (1)*	*(3)*	*Cav sqdn (17-95H)*	*Div arty (6-700H)*	*DISCOM (29-41H)*	*inf bn (1)*	*(9)*	*ADA bn (44-435H)*	*total (67H)*
61 J46110	Generetor set, gas eng, 3 kw, DC 28V, skid-shock, tblr freme mtd, tec util	1	1	1	33	62	2	3	9	11	16	25	1	9	4	174
62 J46265	Generator set, gas eng, 3 kw, 28V, DC, 2 ea mtd on M101 PU-666	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
63 J46384	Generetor set, gas eng, tlr mtd, 3 kw, 60 hz, 2 ea, mtd on M101 PU-617	0	0	1	0	4	0	0	0	0	0	0	0	0	0	5
64 J46692	Generetor set, gas eng, DC, 5 kw, 28V, frame-shock mtd	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
65 J47068	Generator set, gas eng, 5 kw, 60 hz, 1-3 ph, AC 120/240 120/208V, skid, tac util	0	0	2	52	0	4	2	6	3	0	19	0	0	0	86
66 J47480	Generator set, gas eng, 5 kw, 60 cy, 1-3 ph, AC 120/240, 120/208V, PU 618/M	0	0	1	3	0	0	0	0	0	0	0	0	0	0	4
67 J47617	Generetor set, gas eng, tlr mtd, 5 kw, 60 hz, 2 ea, mtd on M116 PU-620	0	0	0	13	0	0	0	0	0	2	1	0	0	0	16
68 J48713	Generator set, ges eng, 5 kw, 400 hz, 1-3 ph, AC 120/240 120/208V, skid, tac util	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8
69 J49055	Generator set, gas eng, 7.5 kw, DC 28.5V, whl mtd	0	0	0	45	0	0	2	6	16	2	4	0	0	0	73
70 J49398	Generator set, gas eng, 10 kw, 60 hz, 1-3 ph, AC 120/240 120/208V, tac util	0	0	0	0	0	0	0	0	0	0	23	0	0	0	23
71 L27293	Kit, firefighting, airmobile	0	0	0	0	0	0	1	3	0	0	0	0	0	0	3
72 L27327	Kit, fire suppression, airmobile	0	0	0	0	0	0	1	3	0	0	0	0	0	0	3
73 L64131	Light set, marker, emergency, afld runway, ptbl, battery op	0	0	0	26	0	5	1	3	4	15	5	6	54	0	112
74 P96640	Pumping assembly, flemmable liquid, bulk transfer	0	0	0	0	0	1	1	3	0	1	0	1	9	0	14
75 T10138	Shop equip, contact maint, trk mtd	0	0	0	0	0	4	0	0	0	0	8	0	0	0	12
76 U69083	Surveying instrument, ezimuth gyro ltwt (SIAGL)	0	0	0	0	0	0	0	0	0	7	0	0	0	0	7
77 U69357	Surveying instrument, distance meas, electronic mwave, minatzd purpose	0	0	0	0	0	0	0	0	0	6	0	0	0	0	6
78 V12141	Tenk and pump unit, liquid dispensing, trk mounting	0	0	0	13	0	0	0	0	3	3	3	0	0	0	22
79 V19950	Tank unit, liquid dispensing, trailer mounting	0	0	0	21	0	0	0	0	3	2	5	0	0	0	31
80 V71450	Test set, computer logic unit	0	0	0	0	0	0	0	0	0	5	0	0	0	0	5
81 W07701	Theodolite, survey, direct 0.002 mil, 30 porm, 5 power detachable tribrch	0	0	0	0	0	0	0	0	0	6	0	0	0	0	6
82 W07838	Theodolite survey, direct 0.2 mil, w/tripod and carrying case	0	0	0	0	0	0	0	0	0	9	0	0	0	0	9
83 W32593	Shop equipment, auto maint and rep, OM common no 1, less power	1	1	1	14	0	0	1	3	5	10	14	1	9	0	58
84 W32730	Shop equipment, euto maint and rep, OM common no 2, less power	0	0	0	0	1	1	0	0	0	1	0	0	0	1	4
85 Y35143	Wetar purif equip set, diatomite filter, 420 GPH	0	0	0	0	0	8	0	0	0	0	0	0	0	0	8
86 Z30140	Ganarator set, gas eng, tlr mtd, 3 kw, DC 28V, 2 wire svc, air colled, PU675	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
	Class VIIG–Electronics															
87 A28833	Aircraft control, central, AN/TSQ-70, less power	0	0	0	5	0	0	0	0	0	0	0	0	0	0	5
88 B67423	Binocular, electronic, AN/PAS-5	0	0	0	0	0	52	0	0	0	0	0	0	0	0	52
89 C69541	Cable telephone, WF-16/U	0	2	0	0	0	0	0	0	0	0	0	0	0	16	18
90 E58601	Command console, electronic, AN/ASC-15	0	0	0	4	0	0	4	12	2	3	0	0	0	0	21

Table 2–21. Summary of Equipment–Type of Air Assault Division–Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
								Three bde HHC					Nine ambl			Div
1	*LIN*	*Nomenclature*	*HHC (67-4H)*	*MP co (19-87H)*	*CBTI Co (30-19H)*	*Avn gp (7-200H)*	*Sig bn (11-205H)*	*Engr bn (5-215H)*	*(67-47H) (1)*	*(3)*	*Cav sqdn (17-95H)*	*Div arty (6-700H)*	*DISCOM (29-41H)*	*inf bn (1)*	*(9)*	*ADA bn (44-435H)*	*total (67H)*
91	H76352	Flight coordination, central, AN/TSC-61, less power	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
92	L36402	Landing control, central, AN/TSQ-71, less power	0	0	0	5	0	0	0	0	0	0	0	0	0	0	5
93	L60318	Light beacon, MX-7301/TVN	0	0	0	31	0	0	2	6	2	2	0	0	0	0	41
94	M36739	Meteorological station, manual, AN/TMQ-4	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
95	N04730	Night vision, sight, individual, servep weapon, AN/PVS-2	0	0	0	6	0	36	0	0	44	1	0	78	702	0	789
96	N04456	Night vision goggles, AN/PVS-5	0	0	2	114	0	0	0	0	0	0	0	0	0	0	116
97	N15518	Night vision sight, tripod mounted, AN/TVS-4	0	0	0	0	0	0	0	0	3	4	0	7	63	0	70
98	Q16110	Radar set, AN/PPS-5 less power	0	0	26	0	0	0	0	0	0	0	0	0	0	0	26
99	Q22382	Radio frequency monitor set, AN/USQ-46A	0	0	28	0	0	0	0	0	0	0	0	0	0	0	28
100	Q32756	Radio set, AN/GRC-106	1	0	2	4	2	0	0	0	6	1	0	0	0	2	18
101	Q34308	Radio set, AN/GRC-160	1	1	8	15	0	0	0	0	18	12	0	1	9	37	101
102	Q37982	Radio set, AN/PRC-41	0	0	0	2	0	0	3	9	0	0	1	0	0	0	12
103	Q38119	Radio set, AN/PRC-47	0	0	0	0	0	0	0	0	12	0	0	0	0	0	12
104	Q38290	Radio set, AN/PRC-74	0	0	1	0	0	0	3	9	0	13	0	5	45	0	68
105	Q38299	Radio set, AN/PRC-77	0	0	37	61	0	61	9	27	63	86	16	97	873	0	1,224
106	Q38335	Radio set, AN/PRC-90	0	0	0	628	0	0	24	72	170	38	32	0	0	0	940
107	Q50421	Radio set, AN/VRC-24	0	0	0	14	0	0	1	3	4	1	0	0	0	0	22
108	Q52394	Radio set, AN/VRC-44	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4
109	Q53001	Radio set, AN/VRC-46	8	39	15	44	14	17	9	27	14	66	48	2	18	26	336
110	Q54174	Radio set, AN/VRC-47	3	0	2	41	6	9	2	6	22	22	17	1	9	12	149
111	Q54829	Radio set, AN/VRC-48	0	0	0	0	0	0	0	0	0	0	0	0	0	12	12
112	Q55114	Radio set, AN/VRC-49	0	0	0	1	7	1	1	3	1	17	0	1	9	0	39
113	Q56783	Radio set, AN/VRC-64	0	0	0	21	0	0	2	6	1	0	4	0	0	0	32
114	Q78282	Radio set, control group, AN/GRA-39	7	5	12	57	3	5	12	36	24	89	29	4	36	38	341
115	Q90120	Radio teletypewriter set, AN/GRC-142	0	0	0	2	0	0	0	0	0	1	1	0	0	0	4
116	Q91301	Radio teletypewriter set, AN/VSC-2	0	0	0	11	19	2	1	3	2	5	0	1	9	2	53
117	Q92197	Radio terminal set, AN/MRC-127, less power	0	0	0	0	25	0	0	0	0	0	0	0	0	0	25
118	Q95810	Radiosonde baseline check set, AN/GMM-1A	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
119	R16476	Rawin set, AN/GMD-1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
120	R29799	Receiver set, radio, AN/PRR-9	0	8	0	0	0	0	0	0	0	0	0	117	1,053	0	1,061
121	R50043	Recording set, weather data, AN/TMQ-5	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
122	U81707	Switchboard, telephone, manual, S8-22/PT	0	1	3	26	13	6	4	12	6	26	24	4	36	6	159
123	U82255	Switchboard, telephone, manual, S8-86/P	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
124	V29156	Telephone, central office group, AN/MTC-10	0	0	0	0	7	0	0	0	0	0	0	0	0	0	7
125	V30252	Telephone set, TA-1/PT	0	0	0	3	0	12	0	0	29	86	0	70	630	40	800
126	V31211	Telephone set, TA-312/PT	0	10	76	279	246	44	24	72	44	380	235	57	513	249	2,148
127	V38758	Teletypewriter, TT-537/G	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
128	V57914	Terminal, telegraph-telephone, AN/TCC-29	0	0	2	3	6	0	0	0	0	1	0	0	0	0	12
129	X17820	Transmitter set, radio, AN/PRT-4	0	8	0	0	0	0	0	0	0	0	0	57	513	0	521
		Class VIIK–Tactical Vehicles															
130	E02807	Chassis trailer, generator 2½-ton, 2-whl, WE	0	0	0	0	0	0	0	0	0	0	13	0	0	0	13
131	S70243	Semitrailer, low bed, wrecker, 12-ton, 4-whl, 40-ft, WE	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
132	S74490	Semitrailer, van, expansible, 6-ton, 4-whl (Army)	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
133	W93961	Trailer, aircraft, cargo loading-unloading, 3½-ton, 4-whl, WE	0	0	0	0	0	0	0	0	0	0	25	0	0	0	25

Table 2–21. Summary of Equipment—Type of Air Assault Division—Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
								Three bde HHC					Nine ambl			
1	*LIN*	*Nomenclature*	*HHC (67-4H)*	*MP co (19-87H)*	*CBTI Co (30-19H)*	*Avn gp (7-200H)*	*Sig bn (11-205H)*	*Engr bn (5-215H)*	*(67-47H) (1)*	*(3)*	*Cav sqdn (17-95H)*	*Div arty (6-700H)*	*DISCOM (29-41H)*	*inf bn (1)*	*(9)*	*ADA bn (44-435H)*	*Div total (67H)*
134	W94030	Trailer, ammunition, 1½-ton, 2-whl, WE	0	0	0	0	0	0	0	0	0	22	0	0	0	0	22
135	W95400	Trailer, cargo, ¼-ton, 2-whl, WE	13	35	21	68	48	28	11	33	28	88	57	6	54	7	480
136	W95537	Trailer, cargo, ¾-ton, 2-whl, WE	8	6	13	91	12	6	0	0	15	15	38	0	0	14	218
137	W95811	Trailer, cargo, 1½-ton, 2-whl, WE	1	1	1	94	2	4	0	0	11	19	48	0	0	0	181
138	W98825	Trailer, tank, water, 400-gal, 1½-ton, 2-whl, WE	1	0	1	18	2	5	0	0	5	10	17	0	0	1	60
139	X38592	Truck, ambulance, 1¼-ton, WE	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
140	X38639	Truck, ambulance, ¼-ton, 4x4, WE	0	0	0	3	0	1	0	0	0	1	6	0	0	0	11
141	X38961	Truck, ambulance, 1¼-ton, 6x6, WE	0	0	0	0	0	0	0	0	2	0	18	0	0	0	20
142	X39432	Truck, cargo, 1¼-ton, 4x4, WE	0	0	0	12	0	0	0	0	0	0	3	0	0	0	15
143	X39447	Truck, cargo, 1¼-ton, 4x4, w/60 amp-comm kit, WE	0	0	0	7	0	0	0	0	0	0	6	0	0	0	13
144	X39450	Truck, cargo, 1¼-ton, 4x4, w/60 amp-comm kit, WE	0	0	0	0	0	0	0	0	0	0	10	0	0	0	10
145	X39453	Truck, cargo, 1¼-ton, 4x4, w/100 amp-comm sheltr kit, WE	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
146	X39735	Truck, cargo, ¾-ton, 4x4, WE	10	6	0	100	3	11	0	0	12	7	66	0	0	7	222
147	X39872	Truck, cargo, ¾-ton, 4x4, w/winch, WE	0	0	0	0	6	0	0	0	2	2	4	0	0	0	14
148	X39940	Truck, cargo, 1¼-ton, 6x6, WE	0	0	15	0	28	5	5	15	22	58	3	2	18	86	250
149	X40009	Truck, cargo, 2½-ton, 6x6, WE	1	0	1	82	3	6	0	0	4	25	49	0	0	1	172
150	X40077	Truck, cargo, drop side, 2½-ton, 6x6, WE	0	0	0	0	0	0	0	0	0	0	8	0	0	0	8
151	X40146	Truck, cargo, 2½-ton, 6x6, w/winch, WE	1	1	0	3	1	0	0	0	12	4	13	0	0	1	36
152	X40283	Truck, cargo, 2½-ton, 6x6, XLW8, WE	0	0	0	6	0	0	0	0	0	0	1	0	0	0	7
153	X40420	Truck, cargo, 2½-ton, 6x6, XLW8 w/winch, WE	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
154	X40831	Truck, cargo, 5-ton, 6x6, LWB, WE	0	0	0	13	0	0	0	0	0	19	5	0	0	0	37
155	X40968	Truck, cargo, 5-ton, 6x6, LWB, w/winch, WE	0	0	0	0	0	0	0	0	0	21	0	0	0	0	21
156	X41242	Truck, cargo, 5-ton, 6x6, XLW8 w/winch, WE	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
157	X43297	Truck, dump, 2½-ton, 6x6, WE	0	0	0	0	0	55	0	0	0	0	0	0	0	0	55
158	X55627	Truck, platform, utility, ½-ton, 4x4, WE	0	0	32	15	0	0	5	15	0	9	44	45	405	0	520
159	X57271	Truck, tank, fuel servicing, 2½-ton, 6x6, WE	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
160	X58367	Truck, tank, water, 1,000-gal, 2½-ton, 6x6, WE	0	0	1	0	0	0	0	0	0	0	2	0	0	0	3
161	X59326	Truck, tractor, 5-ton, 6x6, WE	0	0	0	0	0	0	0	0	0	0	3	0	0	0	3
162	X60696	Truck, tractor, wrecker, 5-ton, 6x6, w/winch, WE	0	0	0	3	0	0	0	0	0	0	0	0	0	0	3
163	X60833	Truck, utility, ¼-ton, 4x4, WE	16	35	21	71	59	30	11	33	39	94	62	6	54	10	524
164	X62237	Truck, van, expansible, 5-ton, 6x6, WE	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
165	X62340	Truck, van, shop, 2½-ton, 6x6, WE	0	0	2	0	0	0	0	0	0	0	3	0	0	0	5
166	X63162	Truck, wrecker, 2½-ton, 6x6, w/winch, WE	0	0	0	0	0	0	0	0	4	0	8	0	0	0	12
167	X63299	Truck, wrecker, 5-ton, 6x6, w/winch, WE	0	0	0	4	0	1	0	0	0	1	1	0	0	0	7
		Class VIIL—Missiles															
168	G22933	Display set, target alert data (FAAR)	0	0	0	0	0	0	0	0	6	16	0	6	54	60	136
169	L45740	Launcher, tubular guided missile (TOW)	0	0	0	0	0	0	0	0	6	0	0	18	162	0	168
170	Q16046	Radar set, AN/MPQ-49 (FAAR)	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8
171	V84002	Test set, radar, AN/MPM-59, OMTS (FAAR)	0	0	0	0	0	0	0	0	0	0	2	0	0	1	3
172	X45317	Truck, guided missile (TOW)	0	0	0	0	0	0	0	0	6	0	0	0	0	0	6
173	X45549	Truck, guided missile equipment, jeep (TOW)	0	0	0	0	0	0	0	0	6	0	0	0	0	0	6
174	X45554	Truck, guided missile equipment, mule (TOW)	0	0	0	0	0	0	0	0	0	0	0	18	162	0	162

Table 2–21. Summary of Equipment–Type of Air Assault Division–Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
								Three bde HHC					Nine ambl			Div
1	*LIN*	*Nomenclature*	*HHC (67-4H)*	*MP co (19-87H)*	*CBTI Co (30-19H)*	*Avn gp (7-200H)*	*Sig bn (11-205H)*	*Engr bn (5-215H)*	*(67-47H) (1)*	*(3)*	*Cav sqdn (17-95H)*	*Div arty (6-700H)*	*DISCOM (29-41H)*	*inf bn (1)*	*(9)*	*ADA bn (44-435H)*	*total (67H)*
		Class VIIM–Weapons															
175	A22496	Aiming circle	0	0	0	0	0	0	0	0	0	33	0	5	45	0	78
176	A89820	Armament, pod, aircraft, 7.62-mm, machinegun, w/o weapon	0	0	0	0	0	0	0	0	18	0	0	0	0	0	18
177	A89992	Armament subsystem, helicopter, 20-mm, automatic gun	0	0	0	0	0	0	0	0	12	0	0	0	0	0	12
178	A90118	Armament subsystem, helicopter, 7.62-mm, machinegun, light, w/o weapons, WE	0	0	0	151	0	0	4	12	28	3	4	0	0	0	198
179	A90437	Armament subsystem, helicopter, 7.62-mm, machinegun, 40-mm, launcher, hi rate, w/o weapons	0	0	0	63	0	0	0	0	27	0	0	0	0	0	90
180	E76866	Computer, gun direction	0	0	0	0	0	0	0	0	0	17	0	0	0	0	17
181	J96845	Gun, air defense artillery, towed, 20-mm	0	0	0	0	0	0	0	0	0	0	0	0	0	48	48
182	K57392	Howitzer, light, towed, 105-mm	0	0	0	0	0	0	0	0	0	54	0	0	0	0	54
183	K57803	Howitzer, medium, towed, 155-mm	0	0	0	0	0	0	0	0	0	18	0	0	0	0	18
184	L44174	Launcher, grenade, acft, 40-mm, left or right hand feed	0	0	0	63	0	0	0	0	27	0	0	0	0	0	90
185	L44595	Launcher, grenade, 40-mm, single shot rifle, mtd, detachable, WE	0	13	4	102	10	86	5	15	84	70	59	75	675	64	1,182
186	L45016	Launcher, rocket, aircraft, 2.75-in	0	0	0	126	0	0	0	0	30	0	0	0	0	0	156
187	L45063	Launcher, rocket, aircraft, 2.75-in, 19-tube (repairable)	0	0	0	0	0	0	0	0	48	0	0	0	0	0	48
188	L45250	Launcher, rocket, 66-mm, 4-tube	0	0	0	0	0	0	0	0	6	0	0	9	81	0	87
189	L91975	Machinegun, cal .50, H8 flexible, for ground use	0	0	0	0	0	0	0	0	13	0	0	0	0	0	13
190	L92260	Machinegun, 7.62-mm, aircraft, light, door mtd	0	0	0	410	0	0	8	24	56	6	8	0	0	0	504
191	L92323	Machinegun, 7.62-mm, six barrels	0	0	0	63	0	0	0	0	45	0	0	0	0	0	108
192	L92386	Machinegun, 7.62-mm, light, flexible	2	9	0	99	3	58	2	6	58	114	64	20	180	20	613
193	M68008	Mortar, 81-mm on mount	0	0	0	0	0	0	0	0	3	0	0	13	117	0	120
194	M75577	Mount, tripod, machinegun, heavy, cal 50	0	0	0	0	0	0	0	0	13	0	0	0	0	0	13
195	M75714	Mount, tripod, machinegun, 7.62-mm	2	5	0	63	3	58	2	6	28	114	64	20	180	20	543
196	N96741	Pistol, cal .45, automatic	40	139	18	0	11	28	10	30	19	81	88	130	1,170	14	1,638
197	Q13770	Radar chronograph set	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
198	R12989	Range finder, fire control, WE (laser)	0	0	0	0	0	0	0	0	3	32	0	0	0	0	35
199	R91107	Revolver, cal .38, 2-in barrel	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
200	R91244	Revolver, cal .38, special, 4-in barrel	0	0	0	1,035	0	0	24	72	255	33	97	0	0	0	1,492
201	R94977	Rifle, 5.56-mm, WE	147	154	220	1,972	453	695	121	363	659	1,884	2,581	661	5,949	471	15,548
202	R96484	Rifle, recoilless, 90-mm	0	7	0	0	0	0	0	0	0	0	0	0	0	0	7
		Class VIIQ–Marine Equipment															
203	B84404	Boat, reconnaissance, pneu, 3-man	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2
		Class VIIU–COMSEC Materiel															
204	E45766	Code changer key, KIK-18/TSEC	0	0	0	98	0	0	4	12	35	10	6	0	0	8	169
205	E45820	Code changer key, KYK-28/TSEC	6	2	55	132	10	9	17	51	41	33	18	9	81	23	461
206	H02300	Electronic teletypewriter security equipment, TSEC/KW-7	0	0	3	23	47	2	2	6	2	7	2	1	9	4	105
207	P43177	Power supply assembly, vehicular, Z-ACD	9	8	24	63	22	10	13	39	15	67	20	2	18	26	321
208	U01295	Speech security equipment, abn, TSEC/KY-28	0	0	0	326	0	0	24	72	91	19	16	0	0	0	524
209	U01305	Speech security equipment, TSEC/KY-38	9	8	0	64	22	17	20	60	16	67	21	17	153	26	463

Table 2—21. Summary of Equipment—Type of Air Assault Division—Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
								Three bde HHC					Nine embl			
1	*LIN*	*Nomenclature*	*HHC (67-4H)*	*MP co (19-87H)*	*CBT/ Co (30-19H)*	*Avn gp (7-200H)*	*Sig bn (11-205H)*	*Engr bn (5-215H)*	*(67-47H) (1)*	*(3)*	*Cav sqdn (17-95H)*	*Div arty (6-700H)*	*DISCDM (29-41H)*	*inf bn (1)*	*(9)*	*ADA bn (44-435H)*	*Div total (67H)*
210	V08721	Tactical digital regenerative repeater, portable, HYL-3/ TSEC	0	0	0	0	10	1	1	3	1	5	0	1	9	0	29
		Class VIIW—Ground: Construction and MHE															
211	F39172	Crene, wheel mtd, 3-ton	0	0	0	11	0	2	0	0	0	1	9	0	0	0	23
212	G34805	Dolly set, lift, transportable shelter, 2½-ton	0	0	0	0	0	0	0	0	0	0	32	0	0	0	32
213	J74886	Grader, road, motorized, dsl drvn, sectionalized	0	0	0	0	0	8	0	0	0	0	0	0	0	0	8
214	J75239	Scraper, earth moving, greder mounting, hydraulic op	0	0	0	0	0	4	0	0	0	0	0	0	0	0	4
215	L76693	Loader, scoop type, sec, 2½ cu yd	0	0	0	0	0	4	0	0	0	0	0	0	0	0	4
216	S10657	Roller, airmobile, single drum	0	0	0	0	0	4	0	0	0	0	0	0	0	0	4
217	S10682	Roller, towed, vibrating, ded/gas, 1 drum, 5-ton	0	0	0	0	0	4	0	0	0	0	0	0	0	0	4
218	S11684	Roller, motorized, pneu tired, 9 tires, air transportable	0	0	0	0	0	4	0	0	0	0	0	0	0	0	4
219	S12575	Roller, towed, sheepsfoot, 2-dr	0	0	0	0	0	4	0	0	0	0	0	0	0	0	4
220	S56119	Scraper, earth moving, towed, 8 cu yd	0	0	0	0	0	4	0	0	0	0	0	0	0	0	4
221	W76268	Tractor, full tracked, low speed, dsl, light, dbp sectionalized, air transportable, w/ATT	0	0	0	0	0	4	0	0	0	0	0	0	0	0	4
222	W76302	Tractor, whl ind, dsl drvn, 5,089 dbp, w/backhoe, w/ loader, scoop type	0	0	0	0	0	4	0	0	0	0	0	0	0	0	4
223	W76336	Tractor, full-tracked, low speed, dsl, light, dbp w/ bulldozer, scarif	0	0	0	0	0	8	0	0	0	0	0	0	0	0	8
224	W89557	Tractor, wheeled, warehouse, gas, 4,000-lb	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
225	X48914	Truck, lift, fork, dsl drvn, 6,000-lb cap, rough terrain	0	0	0	3	0	1	0	0	0	1	10	0	0	0	15
226	X49051	Truck, lift, fork, dsl drvn, 10,000-lb cap, rough terrain	0	0	0	0	0	0	0	0	0	0	4	0	0	0	4
227	X51928	Truck, lift, fork, gas pt, 6,000-lb, rough	0	0	0	3	0	0	0	0	0	0	0	0	0	0	3
228	X52818	Truck, lift, fork, rough terrain, 3,000-lb	0	0	0	7	0	0	0	0	7	0	0	0	0	0	14

Table 2–22. Summary of Equipment—Air Assault Division Artillery/Field Artillery Battalion, 105-mm, Towed, Air Assault Division; Aerial Field Artillery Battalion, Air Assault Division

1	2	3	4	5	6	7	8	9	10	11	12
		Air assault div arty						*FA bn, 105-mm*			
1	*LIN*	*Nomenclature*	*HHB (6-701H)*	*Avn btry (6-702H)*	*Three FA bn 105-mm, towed, (6-705H) (1)*	*(3)*	*FA bn 155-mm towed, (6-715H)*	*Div arty total (6-700H)*	*HQ H&S btry (6-706H)*	*Three FA btry, 105-mm, towed, (6-70H) (1)*	*(3)*	*Bn total (6-705H)*
		Class IIA—Air										
2	A21383	Aerial recovery kit for Army acft	0	5	0	0	0	5	0	0	0	0
3	M02470	Maintenance, platform, hydraulic adjustable to 10 ft high, 44½-in wide	0	2	0	0	0	2	0	0	0	0
4	M02504	Maintenance platform, hydraulic adjustable type, 3 to 7 ft high	0	2	0	0	0	2	0	0	0	0
		Class IIB—Troop Support										
5	W32867	Shop equipment, auto maint and rep, org sup no 1, less power	1	1	1	3	0	5	1	0	0	1
		Class IIE—General Supply										
6	G68966	Drum, fabric, collapsible, liquid fuel, 500-gal capacity	0	4	0	0	0	4	0	0	0	0
		Class IIG—Electronics										
7	C68719	Cable, telephone, WO-1/TT, OR-8, 1,320 ft	22	12	94	282	52	368	28	22	66	94
8	C68856	Cable, telephone, WD-1/TT, RL-159/U, 5,280 ft	12	0	11	33	56	101	5	2	6	11
9	C68993	Cable, telephone, WD-1/TT, 2 cond, field wire	20	0	32	96	32	148	20	4	12	32
10	R30662	Receiver-transmitter, control group, AN/GRA-6	2	1	1	3	0	6	1	0	0	1
11	U82529	Switchboard, telephone, manual, SB-993/GT	0	0	6	18	0	18	3	1	3	6
		Class VIIA—Air										
12	K31042	Helicopter, observation, OH-58A	0	16	0	0	0	16	0	0	0	0
13	K31795	Helicopter, utility, UH-1H	0	3	0	0	0	3	0	0	0	0
14	T17093	Shop set, acft maint, ambl, UH-1/OH-6, co-size, DS	0	1	0	0	0	1	0	0	0	0
15	W62611	Tool set, aviation unit maint set no 1, ambl	0	2	0	0	0	2	0	0	0	0
16	X23227	Transporter, ambl, hydraulic lift, for shelter and X-4 container	0	4	0	0	0	4	0	0	0	0
		Class VIIB—Troop Support										
17	E69242	Compressor, RCP, power drvn, air rec, gas drvn, 15 CFM, 175 PSI	0	0	0	0	1	1	0	0	0	0
18	E70064	Compressor, RCP, power drvn, trk, 2-whl, pneu tires, gas drvn, 5 CFM, 175 PSI	1	0	1	3	5	9	1	0	0	1
19	E70201	Compressor, RCP, power drvn, trk, 2-whl, pneu tires, gas drvn, 8 CFM, 175 PSI	0	2	0	0	0	2	0	0	0	0
20	G02204	Detecting set, mine, ptbl, metallic and nonmetallic	1	1	4	12	6	20	1	1	3	4
21	G02341	Detecting set, mine, ptbl, metallic (AN/PSS)	1	1	4	12	6	20	1	1	3	4
22	H94824	Forward area refueling equipment, (FARE)	0	1	0	0	0	1	0	0	0	0
23	J42976	Generator set, gas eng, 0.5 kw, 60 cy, 1 ph, AC 120/240V, shock, mtd	0	0	1	3	2	5	1	0	0	1
24	J43027	Generator set, gas eng, 0.5 kw, 400 hz, 1 ph, AC 120/240V, skid-shock, tac util	1	0	0	0	0	1	0	0	0	0
25	J43918	Generator set, gas eng, 1.5 kw, 60 hz, 1 ph, 2 wire AC 120V, shock, tac util	3	4	4	12	6	25	1	1	3	4

Table 2—22. Summary of Equipment—Air Assault Division Artillery/Field Artillery Battalion, 105-mm, Towed, Air Assault Division; Aerial Field Artillery Battalion, Air Assault Division—Continued

1	2	3	4	5	6	7	8	9	10	11	12
		Air assault div arty						*FA bn, 105-mm*			
1	*LIN*	*Nomenclature*	*HHB (6-701H)*	*Avn btry (6-702H)*	*Three FA bn 105-mm, towed, (6-705H) (1)*	*(3)*	*FA bn 155-mm towed, (6-715H)*	*Div arty total (6-700H)*	*HQ H&S btry (6-706H)*	*Three FA btry, 105-mm, towed, (6-70H) (1)*	*(3)*	*Bn total (6-705H)*
26	J44055	Generator set, gas eng, 1.5 kw, DC 28V, shock, tac, util	3	1	11	33	16	53	8	1	3	11
27	J45699	Generator set, gas eng, 3 kw, 60 hz, 1-3 ph, 120/240, 120/208V, skid, tac util	3	1	1	3	0	7	1	0	0	1
28	J45836	Generator set, gas eng, 3 kw, 400 hz, 1-3 ph, AC 120/208/240V, skid, tac util	2	0	8	24	8	34	2	2	6	8
29	J46110	Generator set, gas eng, 3 kw, DC 29V, skid-shock, tblr frame mtd, tac util	3	2	3	9	2	16	3	0	0	3
30	J47617	Generator set, gas eng, tlr mtd, 5 kw, 60 hz, 2 ea, mtd on M116 PU-620	1	0	0	0	1	2	0	0	0	0
31	J49055	Generator set, gas eng, 7.5 kw, DC 28.5V, whl mtd	0	2	0	0	0	2	0	0	0	0
32	L64131	Light set, marker, emergency, afld runway, ptbl, battery op	1	2	4	12	0	15	1	1	3	4
33	P96640	Pumping assembly, flammable liquid, bulk transfer	0	1	0	0	0	1	0	0	0	0
34	U69083	Surveying instrument, azimuth gyro lightweight (SIAGL)	2	0	1	3	2	7	1	0	0	1
35	U69357	Surveying instrument, distance meas, electronic mwave, minatz purpose	6	0	0	0	0	6	0	0	0	0
36	V12141	Tank and pump unit, liquid dispensing truck mounting	0	1	0	0	2	3	0	0	0	0
37	V19950	Tank unit, liquid dispensing, trailer mounting	0	0	0	0	2	2	0	0	0	0
38	V71450	Test set, computer logic unit	1	0	1	3	1	5	1	0	0	1
39	W07701	Theodolita, survey, direct, 0.002-mil, 30 porm, 5 power detachable tribrch	6	0	0	0	0	6	0	0	0	0
40	W07838	Theodolite survey, direct, 0.2 mil, w/tripod and carrying case	0	0	2	6	3	9	2	0	0	2
41	W32593	Shop equipment, auto maint and rep, OM common no 1, less power	1	1	1	3	5	10	1	0	0	1
42	W32730	Shop equipment, auto maint and rep, OM common no 2, less power	0	0	0	0	1	1	0	0	0	0
		Class VIIG—Electronics										
43	E58601	Command, console, electronic, AN/ASC-15	1	2	0	0	0	3	0	0	0	0
44	L60318	Light, beacon, MX-7301/TVN	0	2	0	0	0	2	0	0	0	0
45	M36739	Meteorological station, manual, AN/TMQ-4	1	0	0	0	0	1	0	0	0	0
46	N04730	Night vision sight, individual SERVEP weapon, AN/PVS-2	0	0	0	0	1	1	0	0	0	0
47	N15518	Night vision sight, tripod mounted, AN/TVS-4	0	0	1	3	1	4	1	0	0	1
48	Q32756	Radio set, AN/GRC-106	1	0	0	0	0	1	0	0	0	0
49	Q34308	Radio set, AN/GRC-160	1	0	2	6	5	12	2	0	0	2
50	Q38296	Radio set, AN/PRC-74	1	0	4	12	0	13	1	1	3	4
51	Q38299	Radio set, AN/PRC-77	5	0	25	75	6	86	13	4	12	25
52	Q38335	Radio set, AN/PRC-90	0	38	0	0	0	38	0	0	0	0
53	Q50421	Radio set, AN/VRC-24	0	1	0	0	0	1	0	0	0	0
54	Q53001	Radio set, AN/VRC-46	5	2	14	42	17	66	8	2	6	14

Table 2–22. Summary of Equipment–Air Assault Division Artillary/Field Artillery Battalion, 105-mm, Towed, Air Assault Division/Aerial Field Artillery Battalion, Air Assault Division–Continued

1	2	3	4	5	6	7	8	9	10	11	12
		Air assault div arty						*FA bn, 105-mm*			
1	*LIN*	*Nomenclature*	*HHB (6-701H)*	*Avn btry (6-702H)*	*Three FA bn 105-mm, towed, (6-705H) (1)*	*(3)*	*FA bn 155-mm towed, (6-715H)*	*Div arty total (6-700H)*	*HQ H&S btry (6-706H)*	*Three FA btry, 105-mm, towed, (6-70H) (1)*	*(3)*	*Bn total (6-705H)*
55	Q54174	Radio set, AN/VRC-47	3	1	4	12	6	22	1	1	3	4
56	Q55114	Radio set, AN/VRC-49	1	0	5	15	1	17	5	0	0	5
57	Q78282	Radio set, control group, AN/GRA-39	9	2	21	63	15	89	12	3	9	21
58	Q90120	Radio teletypewriter set, AN/GRC-142	0	0	0	0	1	1	0	0	0	0
59	Q91301	Radio teletypewriter set, AN/VSC-2	1	1	1	3	0	5	1	0	0	1
60	Q95810	Radiosonde baseline check set, AN/GMM-1A	1	0	0	0	0	1	0	0	0	0
61	R16746	Rawin set, AN/GMD-1	1	0	0	0	0	1	0	0	0	0
62	R50043	Recording set, weather data, AN/TMQ-5	1	0	0	0	0	1	0	0	0	0
63	U81707	Switchboard, telephone, manual, SB-22/PT	2	1	5	15	8	26	2	1	3	5
64	V30252	Telephone set, TA-1/PT	5	3	24	72	6	86	12	4	12	24
65	V31211	Telephone set, TA-312/PT	29	11	79	237	103	380	31	16	48	79
66	V38758	Teletypewriter, TT-537/G	1	0	0	0	0	1	0	0	0	0
67	V57914	Terminal, telegraph-telephone, AN/TCC-29	1	0	0	0	0	1	0	0	0	0
		Class VIIK–Tactical Vehicles										
68	W94030	Trailer, ammunition, 1½-ton, 2-whl, WE	0	0	0	0	22	22	0	0	0	0
69	W95400	Trailer, cargo, ¼-ton, 2-whl, WE	12	2	21	63	11	88	15	2	6	21
70	W95537	Trailer, cargo, ¾-ton, 2-whl, WE	0	9	2	6	0	15	2	0	0	2
71	W95811	Trailer, cargo, 1½-ton, 2-whl, WE	0	1	1	3	15	19	1	0	0	1
72	W98825	Trailer, tank, water, 400-gal, ½-ton, 2 whl, WE	1	1	1	3	5	10	1	0	0	1
73	X38639	Truck, ambulance, ¼-ton, 4x4, WE	0	0	0	0	1	1	0	0	0	0
74	X39735	Truck, cargo, ¾-ton, 4x4, WE	0	7	0	0	0	7	0	0	0	0
75	X39872	Truck, cargo, ¾-ton, 4x4, w/winch, WE	0	2	0	0	0	2	0	0	0	0
76	X39940	Truck, cargo, 1¼-ton, 6x6, WE	9	0	11	33	16	58	11	0	0	11
77	X40009	Truck, cargo, 2½-ton, 6x6, WE	1	2	2	6	16	25	2	0	0	2
78	X40146	Truck, cargo, 2½-ton, 6x6, w/winch, WE	0	0	0	0	4	4	0	0	0	0
79	X40831	Truck, cargo, 5-ton, 6x6, LWB, WE	0	0	0	0	19	19	0	0	0	0
80	X40968	Truck, cargo, 5-ton, 6x6, LWB, w/winch, WE	0	0	0	0	21	21	0	0	0	0
81	X55627	Truck, platform, utility, ½-ton, 4x4, WE	0	0	3	9	0	9	0	1	3	3
82	X60833	Truck, utility, ¼-ton, 4x4, WE	12	2	21	63	17	94	15	2	6	21
83	X63299	Truck, wrecker, 5-ton, 6x6, w/winch, WE	0	0	0	0	1	1	0	0	0	0
		Class VIIL–Missiles										
84	G22933	Display set, target alert data (FAAR)	0	0	4	12	4	16	4	0	0	4
		Class VIIM–Weapons										
85	A22496	Aiming circle	0	0	8	24	9	33	2	2	6	8
86	A90118	Armament subsystem, helicopter, 7.62-mm, machine-gun, light, w/o weapons, WE	0	3	0	0	0	3	0	0	0	0
87	E76866	Computer, gun direction	1	0	4	12	4	17	1	1	3	4
88	K57392	Howitzer, light, towed, 105-mm	0	0	18	54	0	54	0	6	18	18
89	K57803	Howitzer, medium, towed, 155-mm	0	0	0	0	18	18	0	0	0	0
90	L44595	Launcher, grenade, 40-mm, single shot, rifle mtd, detachable, WE	3	3	12	36	28	70	3	3	9	12

Table 2–22. Summary of Equipment–Air Assault Division Artillery/Field Artillery Battalion, 105-mm, Towed, Air Assault Division/Aerial Field Artillery Battalion, Air Assault Division–Continued

1	2		3	4	5	6	7	8	9	10	11	12
			Air assault div arty						*FA bn, 105-mm*			
1	*LIN*	*Nomenclature*	*HHB (6-701H)*	*Avn btry (6-702H)*	*Three FA bn 105-mm, towed, (6-705H) (1)*	*(3)*	*FA bn 155-mm towed, (6-715H)*	*Div arty total (6-700H)*	*HQ H&S btry (6-706H)*	*Three FA btry, 105-mm, towed, (6-70H) (1)*	*(3)*	*Bn total (6-705H)*
91	L92260	Machinegun, 7.62-mm, acft, light, door mtd	0	6	0	0	0	6	0	0	0	0
92	L92386	Machinegun, 7.62-mm, light, flexible	8	3	24	72	31	114	6	6	18	24
93	M75714	Mount, tripod, machinegun, 7.62-mm	8	3	24	72	31	114	6	6	18	24
94	N82364	Periscope, battery, command	0	0	2	6	2	8	2	0	0	2
95	N96741	Pistol, cal .45, automatic	15	0	16	48	18	81	13	1	3	16
96	Q13770	Radar chronograph set	1	0	0	0	0	1	0	0	0	0
97	R12989	Range finder, fire control, WE (laser)	0	0	10	30	2	32	1	3	9	10
98	R91244	Revolver, cal .38, special, 4-in barrel	1	32	0	0	0	33	0	0	0	0
99	R94977	Rifle, 5.56-mm, WE	140	77	385	1,115	512	1,884	121	88	264	385
		Class VIIU–COMSEC Material										
100	E45766	Code changer key, KIK-18/TSEC	0	6	0	0	0	10	0	0	0	0
101	E45820	Code changer key, KYK-28/TSEC	2	7	5	15	9	33	2	1	3	5
102	H02300	Electronic teletypewriter security equipment, TSEC/KW-7	2	1	1	3	1	7	1	0	0	1
103	P43177	Power supply assembly, vehicular, Z-ACD	7	3	14	42	15	67	8	2	6	14
104	U01295	Speech security equipment, abn, TSEC/KY-28	0	19	0	0	0	19	0	0	0	0
105	U01305	Speech security equipment, TSEC/KY-38	7	3	14	42	15	67	8	2	6	14
106	V08721	Tactical digital regenerative repeater, portable, HYL-3/TSEC	1	0	1	3	1	5	1	0	0	1
		Class VIIW–Ground: Construction and MHE	0	1	0	0	0	1	0	0	0	0
107	F39172	Crane, wheel mtd, 3-ton	0	1	0	0	0	1	0	0	0	0
108	X48914	Truck, lift, fork, dsl drvn, 6,000-lb cap, rough terrain										

Table 2–23. Summary of Equipment—Field Artillery Battalion, 155-mm, Towed/ADA Battalion, Vulcan, Towed, Air Assault Division

1	2		3	4	5	6	7	8	9	10	11
			FA bn					ADA bn			
				Three firing btrys					ADA btry, Vulcan, towed		
1	LIN	Nomenclature	HHB (6-716H)	(6-717H) (1)	(3)	Svc btry (6-719H)	Bn total (6-715H)	HHB (44-436H)	(44-437H) (1)	(4)	Bn total (44-435H)
		Class IIB—Troop Support									
2	K39774	Hoisting unit, truck mounting, organizational maint set no 7	0	0	0	0	0	1	0	0	1
3	V84014	Test set, radar, AN/TPM-23 (VADS)	0	0	0	0	0	0	2	8	8
4	W67843	Torch outfit, cutting and welding, set 2	0	0	0	0	0	1	0	0	1
		Class IIG—Electronics									
5	C68719	Cable, telephone, WO-1/TT, OR-8, 1,320 ft	17	11	33	2	52	28	96	384	412
6	C68856	Cable, telephone, WD-1/TT, RL-159/U, 5,280 ft	35	7	21	0	56	12	3	12	24
7	C68993	Cable, telephone, WD-1/TT, 2 cond, field wire	10	6	18	4	32	0	0	0	0
8	R30662	Receiver-transmitter, control group, AN/GRA-6	0	0	0	0	0	3	0	0	3
9	U82529	Switchboard, telephone, manual, SB-993/GT	0	0	0	0	0	0	3	12	12
		Class VIIB—Troop Support									
10	E69242	Compressor, rcp, power drvn, air rec, gas drvn, 15 CFM, 175 PSI	0	0	0	1	1	1	0	0	1
11	E70064	Compressor, rcp, power drvn, trk, 2-whl, pneu tires, gas drvn, 5 CFM, 175 PSI	1	1	3	1	5	0	0	0	0
12	G02204	Detecting set, mine, ptbl, metallic and nonmetallic	2	1	3	1	6	1	1	4	5
13	G02341	Detecting set, mine, ptbl, metallic (AN/PSS-11)	2	1	3	1	6	1	1	4	5
14	J42976	Generator set, gas eng, 0.5 kw, 60 cy, 1 ph, AC 120/240V, shock, mtd	2	0	0	0	2	0	0	0	0
15	J43918	Generator set, gas eng, 1.5 kw, 60 hz, 1 ph, 2 wire, AC 120V, shock, tac util	1	1	3	2	6	2	0	0	2
16	J44055	Generator set, gas eng, 1.5 kw, DC 28V, shock, tac util	6	3	9	1	16	4	3	12	16
17	J45836	Generator set, gas eng, 3 kw, 400 hz, 1-3 ph, AC 120/208/240V, tac util	2	2	6	0	8	0	0	0	0
18	J46110	Generator set, gas eng, 3 kw, DC 28V, skid-shock, tblr frame mtd, tac util	0	0	0	2	2	4	0	0	4
19	J47617	Generator set, gas eng, tlr mtd, 5 kw, 60 hz, 2 ea, mtd on M116 PU-620	1	0	0	0	1	0	0	0	0
20	J48713	Generator set, gas eng, 5 kw, 400 hz, 1-3 ph, AC 120/240 120/208V, skid, tac util	0	0	0	0	0	8	0	0	8
21	U69083	Surveying instrument, azimuth gyro, lightweight (SIAGL)	2	0	0	0	2	0	0	0	0
22	V12141	Tank and pump unit, liquid dispensing, truck mounting	0	0	0	2	2	0	0	0	0
23	V19950	Tank unit, liquid dispensing, trailer mounting	0	0	0	2	2	0	0	0	0
24	V71450	Test set, computer logic unit	1	0	0	0	1	0	0	0	0
25	W07838	Theodolite, survey, direct, 0.2 mil, w/tripod and carrying case	3	0	0	0	3	0	0	0	0

Table 2–23. Summary of Equipment–Field Artillery Battalion, 155-mm, Towed/ADA Battalion, Vulcan, Towed, Air Assault Division–Continued

1	2		3	4	5	6	7	8	9	10	11
			FA bn					ADA bn			
				Three firing btrys					ADA btry, Vulcan, towed		
1	LIN	Nomenclature	HHB (6-716H)	(6-717H) (1)	(3)	Svc btry (6-719H)	Bn total (6-715H)	HHB (44-436H)	(44-437H) (1)	(4)	Bn total (44-435H)
26	W32593	Shop equipment, auto maint and rep, OM common no 1, less power	1	1	3	1	5	0	0	0	0
27	W32730	Shop equipment, auto maint and rep, OM common no 2, less power	0	0	0	1	1	1	0	0	1
28	Z30140	Generator set, gas eng, tlr mtd, 3 kw, DC 28V, 2 wire, svc, air cooled, PU675	0	0	0	0	0	2	0	0	2
		Class VIIG–Electronics									
29	C69541	Cable, telephone, WF-16/U	0	0	0	0	0	8	2	8	16
30	N04730	Night vision sight, individual, servep weapon, AN/PVS-2	1	0	0	0	1	0	0	0	0
31	N15518	Night vision sight, tripod mounted, AN/TVS-4	1	0	0	0	1	0	0	0	0
32	Q32756	Radio set, AN/GRC-106	0	0	0	0	0	2	0	0	2
33	Q34308	Radio set, AN/GRC-160	4	0	0	1	5	1	9	36	37
34	Q38299	Radio set, AN/PRC-77	6	0	0	0	6	0	0	0	0
35	Q52394	Radio set, AN/VRC-44	0	0	0	0	0	0	1	4	4
36	Q53001	Radio set, AN/VRC-46	9	2	6	2	17	22	1	4	26
37	Q54174	Radio set, AN/VRC-47	3	1	3	0	6	4	2	8	12
38	Q54829	Radio set, AN/VRC-48	0	0	0	0	0	0	3	12	12
39	Q55114	Radio set, AN/VRC-49	1	0	0	0	1	0	0	0	0
40	Q78282	Radio set, control group, AN/GRA-39	8	2	6	1	15	6	8	32	38
41	Q90120	Radio teletypewriter set, AN/GRC-142	1	0	0	0	1	0	0	0	0
42	Q91301	Radio teletypewriter set, AN/GRC-2	0	0	0	0	0	2	0	0	2
43	U81707	Switchboard, telephone, manual, SB-22/PT	4	1	3	1	8	2	1	4	6
44	V30252	Telephone set, TA-1/PT	6	0	0	0	6	8	8	32	40
45	V31211	Telephone set, TA-312/PT	33	20	60	10	103	25	56	224	249
		Class VIIK–Tactical Vehicles									
46	W94030	Trailer, ammunition, 1½-ton, 2 whl, WE	0	4	12	10	22	0	0	0	0
47	W95400	Trailer, cargo, ¼-ton, 2 whl, WE	10	0	0	1	11	3	1	4	7
48	W95537	Trailer, cargo, ¾-ton, 2-whl, WE	0	0	0	0	0	14	0	0	14
49	W95811	Trailer, cargo, 1½-ton, 2 whl, WE	3	2	6	6	15	0	0	0	0
50	W98825	Trailer, tank, water, 400-gal, 1½-ton, 2 whl, WE	1	1	3	1	5	1	0	0	1
51	X38639	Truck, ambulance, ¼-ton, 4x4, WE	1	0	0	0	1	0	0	0	0
52	X39735	Truck, cargo, ¾-ton, 4x4, WE	0	0	0	0	0	7	0	0	7
53	X39940	Truck, cargo, 1¼-ton, 6x6, WE	12	1	3	1	16	10	19	76	86
54	X40009	Truck, cargo, 2½-ton, 6x6, WE	3	2	6	7	16	1	0	0	1
55	X40146	Truck, cargo, 2½-ton, 6x6, w/winch, WE	1	1	3	0	4	1	0	0	1
56	X40831	Truck, cargo, 5-ton, 6x6, LWB, WE	0	3	9	10	19	0	0	0	0
57	X40968	Truck, cargo, 5-ton, 6x6, LWB, w/winch, WE	0	7	21	0	21	0	0	0	0

Table 2–23. Summary of Equipment—Field Artillery Battalion, 155-mm, Towed/ADA Battalion, Vulcan, Towed, Air Assault Division—Continued

1	2		3	4	5	6	7	8	9	10	11
			FA bn					ADA bn			
1	LIN	Nomenclature	HHB (6-716H)	Three firing btrys (6-717H) (1)	(3)	Svc btry (6-719H)	Bn total (6-715H)	HHB (44-436H)	ADA btry, Vulcan, towed (44-437H) (1)	(4)	Bn total (44-435H)
58	X60833	Truck, utility, ¼-ton, 4x4, WE	12	1	3	2	17	6	1	4	10
59	X63299	Truck, wrecker, 5-ton, 6x6, w/winch, WE	0	0	0	1	1	0	0	0	0
		Class VIIL—Missiles									
60	G22933	Display set, target alert data (FAAR)	4	0	0	0	4	0	15	60	60
61	Q16046	Radar set, AN/MPQ-49 (FAAR)	0	0	0	0	0	8	0	0	8
62	V84002	Test set, radar, AN/MPM-59, OMIS (FAAR)	0	0	0	0	0	1	0	0	1
		Class VIIM—Weapons									
63	A22496	Aiming circle	3	2	6	0	9	0	0	0	0
64	E76866	Computer, gun direction	1	1	3	0	4	0	0	0	0
65	J96845	Gun, ADA, towed, 20-mm	0	0	0	0	0	0	12	48	48
66	K57803	Howitzer, medium, towed, 155-mm	0	6	18	0	18	0	0	0	0
67	L44595	Launcher, grenade, 40-mm, single shot, rifle, mtd, detachable, WE	5	5	15	8	28	4	15	60	64
68	L92386	Machinegun, 7.62-mm, light, flexible	5	8	24	2	31	4	4	16	20
69	M75714	Mount, tripod, machinegun, 7.62-mm	5	8	24	2	31	4	4	16	20
70	N82364	Periscope, battery, command	2	0	0	0	2	0	0	0	0
71	N96741	Pistol, cal .45, automatic	14	1	3	1	18	6	2	8	14
72	R12989	Range finder, fire control, WE (laser)	2	0	0	0	2	0	0	0	0
73	R94977	Rifle, 5.56-mm, WE	112	110	330	70	512	107	91	364	471
		Class VIIU—COMSEC Materiel									
74	E45766	Code changer key, KIK-18/TSEC	0	0	0	0	0	8	0	0	8
75	E45820	Code changer key, KYK-28/TSEC	2	2	6	1	9	3	5	20	23
76	H02300	Electronic teletypewriter, security equipment, TSEC/KW-7	1	0	0	0	1	4	0	0	4
77	P43177	Power supply assembly, vehicular, Z-ACD	7	2	6	2	15	6	5	20	26
78	U01305	Speech security equipment, TSEC/KY-38	7	2	6	2	15	6	5	20	26
79	V08721	Tactical digital regenerative repeater, portable, HYL-3/TSEC	1	0	0	0	1	0	0	0	0

Table 2—24. Summary of Equipment—Aviation Group/Assault Helicopter Battalion/Assault Support Helicopter Battalion, Air Assault Division

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
		Avn gp							Aslt hel bn				Aslt spt hel bn					Atk hel bn		
1 LIN	Nomenclature	HHC (7-201H)	Avn GS co (7-202H)	Two aslt hel bn (7-255H) (1)	(2)	Aslt spt hel bn (1-165H)	Atk hel bn (17-385H)	Gp total (7-200H)	HHC (7-256H)	Three aslt hel co (7-258H) (1)	(3)	Bn total (7-255H)	HHC (1-166H)	Three aslt spt hel co (1-167H) (1)	(3)	Bn total (1-165H)	HHC (17-386H)	Three Atk hel co (17-387H) (1)	(3)	Bn total (17-385H)
	Class IIA—Air																			
2 M02470	Maintenance platform, hydraulic adjustable to 10-ft high, 44-½in wide	0	3	9	18	0	16	37	0	3	9	9	0	0	0	0	1	5	15	16
3 M02504	Maintenance platform, hydraulic adjustable type, 3 to 7 ft high	0	3	9	18	6	16	43	0	3	9	9	0	2	6	6	1	5	15	16
	Class IIB—Troop Support																			
4 L64542	Light set, operational, area acft, ½ kw, heliport (Army)	5	1	12	24	7	4	41	0	4	12	12	1	2	6	7	1	1	3	4
5 W32867	Shop equipment, auto maint and rep, org sup no 1, less power	1	1	4	8	4	0	14	1	1	3	4	1	1	3	4	0	0	0	0
	Class IIE—General Supply																			
6 G68966	Drum, fabric, collapsible, liquid fuel, 500-gal capacity	0	9	30	60	28	57	154	3	9	27	30	1	9	27	28	3	18	54	57
	Class IIG—Electronics																			
7 C68719	Cable, telephone, WO-1/TT, OR-8 1,320-ft	71	13	48	96	48	60	288	12	12	36	48	12	12	36	48	12	16	48	60
8 C68856	Cable, telephone, WD-1/TT, RL-159/U, 5,280-ft	15	2	16	32	16	4	69	4	4	12	16	4	4	12	16	4	0	0	4
9 C68993	Cable, telephone, WD-1/TT, 2 cond, field wire	10	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0
10 R30662	Receiver-transmitter, control group, AN/GRA-6	4	1	2	4	2	4	15	2	0	0	2	2	0	0	2	1	1	3	4
	Class VIIA—Air																			
11 K29694	Helicopter, attack, AH-1S	0	0	0	0	0	63	63	0	0	0	0	0	0	0	0	0	21	63	63
12 K30449	Helicopter, cargo, transport, CH-47C	0	0	0	0	48	0	48	0	0	0	0	0	16	48	48	0	0	0	0
13 K31042	Helicopter, observation, OH-58A	0	10	3	6	0	36	52	3	0	0	3	0	0	0	0	0	12	36	36
14 K31795	Helicopter, utility, UH-1H	0	10	60	120	2	13	145	0	20	60	60	2	0	0	2	4	3	9	13
15 K31804	Helicopter, utility, UH-1M	0	6	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0
16 T17090	Shop set, acft maint, ambl, UH-1, co size, DS	0	0	3	6	0	0	6	0	1	3	3	0	0	0	0	0	0	0	0
17 T17093	Shop set, acft maint, ambl, UH-1/OH-6, co size, DS	0	1	0	0	0	3	4	0	0	0	1	0	0	0	0	3	0	0	3
18 W62611	Tool set, aviation unit maint set no 1, ambl	0	3	9	18	6	16	43	0	3	9	9	0	2	6	6	1	5	15	16
19 X23227	Transporter, ambl, hydraulic lift, for shelter and X-4 container	0	4	12	24	9	5	42	0	4	12	12	0	3	9	9	2	1	3	5
	Class VIIB—Troop Support																			
20 E70064	Compressor, rcp, power drvn, trk, 2-whl, pneu tires, gas drvn, 5 CFM, 175 PSI	1	1	4	8	4	0	14	1	1	3	4	1	1	3	4	0	0	0	0
21 E70201	Compressor, rcp, power drvn, trk, 2-whl, pneu tires, gas drvn, 8 CFM, 175 PSI	0	1	3	6	0	4	11	0	1	3	3	0	0	0	0	1	1	3	4
22 E70817	Compressor, rcp, power drvn, air, whl, gas drvn, 4 CFM, 3,000 PSI	0	0	0	0	3	0	3	0	0	0	0	0	1	3	3	0	0	0	0
23 H94824	Forward area refueling equipment (FARE)	0	3	9	18	9	19	49	0	3	9	9	0	3	9	9	1	6	18	19
24 H94893	Forward area refueling equipment system	0	0	1	2	0	0	2	1	0	0	1	0	0	0	0	0	0	0	0
25 J36383	Generator set, dsl eng, tlr mtd, 30 kw, 60 hz, mtd on M200 PU-406	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
26 M41041	Generator set, gas eng, tlr mtd, PU-253/U	5	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0

Table 2–24. Summary of Equipment—Aviation Group/Assault Helicopter Battalion/Assault Support Helicopter Battalion—Air Assault Division—Continued

1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
			Avn gp							Aslt hel bn				Aslt spt hel bn				Atk hel bn			
			HHC	Avn GS co	hel bn (7-255H)		Two aslt Aslt spt hel bn	Atk hel bn	Gp total	HHC	Three aslt hel co (7-258H)		Bn total	HHC	Three aslt spt hel co (1-167H)		Bn total	HHC	Three Atk hel co (17-387H)		Bn total
1	LIN	Nomenclature	(7-201H)	(7-202H)	(1)	(2)	(1-165H)	(17-285H)	(7-200H)	(7-256H)	(1)	(3)	(7-255H)	(1-166H)	(1)	(3)	(1-165H)	(17-386H)	(1)	(3)	(17-385H)
27	J42100	Generator set, gas eng, tlr mtd, 10 kw, 60 cy, 1 ph, AC 120/240V, PU-619/M	5	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0
28	J42976	Generator set, gas eng, 0.5 kw, 60 cy, 1 ph, AC 120/240V, shock mtd	5	1	12	24	7	0	37	0	4	12	12	1	2	6	7	0	0	0	0
29	J43027	Generator set, gas eng, 0.5 kw, 400 hz, 1 ph, AC 120/240V, 5 kd shk	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	1	3	3
30	J43918	Generator set, gas eng, 1.5 kw, 60 hz, 1 ph, 2 wire, AC 120V, shock, tac util	22	13	24	48	30	30	143	3	7	21	24	6	8	24	30	9	7	21	30
31	J44055	Generator set, gas eng, 1.5 kw, DC 28V	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	3	0	0	3
32	J45699	Generator set, gas eng, 3 kw, 60 hz, 1-3 ph, 120/240 120/208V, skid, tac util	4	1	1	2	0	1	8	1	0	0	1	0	0	0	0	1	0	0	1
33	J45836	Generator set, gas eng, 3 kw, 400 hz, 1-3 ph, AC 120/208/240V, tac util	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
34	J46110	Generator set, gas eng, 3 kw, DC 28V, skid-shock, tblr frame mtd, tac util	1	2	9	18	7	5	33	3	2	6	9	1	2	6	7	2	1	3	5
35	J46265	Generator set, gas eng, 3 kw, 28V, DC, 2 ea mtd on M101 PU-666	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	1
36	J47068	Generator set, gas eng, 5 kw, 60 hz, 1-3 ph, AC 120/240 120/208V, skid, tac util	1	8	18	36	7	0	52	0	6	18	18	1	2	6	7	0	0	0	0
37	J47480	Generator set, gas eng, 5 kw, 60 cy 1-3 ph AC 120/240, 120/208V PU-818M	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	1	3	3
38	J47617	Generator set, gas eng, tlr mtd, 5 kw, 60 hz, 2 ea, mtd on M116 PU-620	1	0	4	8	2	2	13	1	1	3	4	2	0	0	2	2	0	0	2
39	J49055	Generator set, gas eng, 7.5 kw, DC 28.5V, whl mtd	0	3	10	20	7	15	45	1	3	9	10	1	2	6	7	0	5	15	15
40	L64131	Light set, marker, emergency, afld runway, ptbl, battery op	3	4	4	8	3	8	26	1	1	3	4	0	1	3	3	2	2	6	8
41	V12141	Tank and pump unit, liquid dispensing, truck mounting	0	0	2	4	9	0	13	2	0	0	2	0	3	9	9	0	0	0	0
42	V19950	Tank unit, liquid dispensing, trailer mounting	1	0	2	4	9	7	21	2	0	0	2	0	3	9	9	1	2	6	7
43	W32593	Shop equipment, auto maint and rep, OM common no 1, less power	1	1	4	8	4	0	14	1	1	3	4	1	1	3	4	0	0	0	0
		Class VIIG—Electronics																			
44	A28833	Aircraft control, central, AN/TSQ-70, less power	5	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0
45	E58601	Command console, electronic, AN/ASC-15	0	4	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0
46	H76352	Flight coordination, central, AN/TSC-61, less power	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
47	L36402	Landing control, central, AN/TSQ-71, less power	5	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0
48	L60318	Light, beacon, MX-7301/TVN	13	1	3	6	7	4	31	0	1	3	3	1	2	6	7	1	1	3	4
49	N04456	Night vision goggles, AN/PVS-5	0	0	0	0	0	114	114	0	0	0	0	0	0	0	0	6	36	108	114
50	N04730	Night vision sight, individual, served weapon, AN/PVS-2	6	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0
51	Q32756	Radio set, AN/GRC-106	0	0	0	0	0	4	4	0	0	0	0	0	0	0	0	1	1	3	4
52	Q34308	Radio set, AN/GRC-160	1	0	7	14	0	0	15	1	2	6	7	0	0	0	0	0	0	0	0
53	Q37982	Radio set, AN/PRC-41	0	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
54	Q38299	Radio set, AN/PRC-77	12	10	6	12	12	15	61	0	2	6	6	0	4	12	12	0	5	15	15
55	Q38335	Radio set, AN/PRC-90	0	52	126	252	100	224	628	6	40	120	126	4	32	96	100	8	72	216	224
56	Q50421	Radio set, AN/VRC-24	0	2	4	8	0	4	14	1	1	3	4	0	0	0	0	1	1	3	4
57	Q53001	Radio set, AN/VRC-46	2	3	13	26	2	11	44	4	3	9	13	2	0	0	2	8	1	3	11
58	Q54174	Radio set, AN/VRC-47	7	1	6	12	8	13	41	3	1	3	6	2	2	6	8	4	3	9	13
59	Q55114	Radio set, AN/VRC-49	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	1

Table 2—24. Summary of Equipment—Aviation Group/Assault Helicopter Battalion/Assault Support Helicopter Battalion, Air Assault Division—Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
		Avn gp							Aslt hel bn				Aslt spt hel bn				Atk hel bn			
				Two aslt hel bn (7-255H)						Three aslt hel co (7-258H)				Three aslt spt hel co (1-167H)				Three Atk hel co (17-387H)		
1 LIN	Nomenclature	HHC (7-201H)	Avn GS co (7-202H)	(1)	(2)	Aslt spt hel bn (1-165H)	Atk hel bn (17-385H)	Gp total (7-200H)	HHC (7-256H)	(1)	(3)	Bn total (7-255H)	HHC (1-166H)	(1)	(3)	Bn total (1-165H)	HHC (17-386H)	(1)	(3)	Bn total (17-385H)
60 Q56783	Radio set, AN/VRC-64	0	5	4	8	7	1	21	1	1	3	4	1	2	6	7	1	0	0	1
61 Q78282	Radio set, control group, AN/GRA-39	6	5	13	26	10	10	57	4	3	9	13	4	2	6	10	4	2	6	10
62 Q90120	Radio teletypewriter set, AN/GRC-142	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	2	0	0	2
63 Q91301	Radio teletypewriter set, AN/VSC-2*	4	1	2	4	2	0	11	2	0	0	2	2	0	0	2	0	0	0	0
64 U81707	Switchboard, telephone, manual, S8-22/PT	2	1	5	10	8	5	26	2	1	3	5	2	2	6	8	2	1	3	5
65 U82255	Switchboard, telephone, manual, S8-86/P	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
66 V30252	Telephone set, TA-1/PT	3	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
67 V31211	Telephone set, TA-312/PT	55	12	50	100	60	52	279	17	11	33	50	24	12	36	60	16	12	36	52
68 V57914	Terminal, telegraph-telephone, AN/TCC-29	1	0	1	2	0	0	3	1	0	0	1	0	0	0	0	0	0	0	0
	Class VIIK—Tactical Vehicles	16	3	14	28	9	12	68	8	2	6	14	3	2	6	9	6	2	6	12
69 W95400	Trailer, cargo, ¼-ton, 2 whl, WE	4	6	29	58	19	4	91	5	8	24	29	1	6	18	19	4	0	0	4
70 W95537	Trailer, cargo, ¾-ton, 2-whl, WE	8	6	14	28	14	38	94	5	3	9	14	2	4	12	14	14	8	24	38
71 W95811	Trailer, cargo, 1½-ton, 2 whl, WE	1	1	4	8	4	4	18	1	1	3	4	1	1	3	4	4	0	0	4
72 W98825	Trailer, tank, water, 400-gal, 1½-ton, 2 whl, WE	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	1
73 X38592	Truck, ambulance 1¼-ton, WE	0	0	1	2	1	0	3	1	0	0	1	1	0	0	1	0	0	0	0
74 X38639	Truck, ambulance, ¼-ton, 4x4, WE	0	0	0	0	0	12	12	0	0	0	0	0	0	0	0	3	3	9	12
75 X39432	Truck, cargo, 1¼-ton, 4x4, WE	0	0	0	0	0	7	7	0	0	0	0	0	0	0	0	4	1	3	7
76 X39447	Truck, cargo, 1¼-ton, 4x4, w/60 amp-comm kit, WE																			
77 X39453	Truck, cargo, 1¼-ton, 4x4, w/100 amp-comm sheltr kit, WE	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	1	3	3
78 X39735	Truck, cargo, ¾-ton, 4x4, WE	5	6	33	66	23	0	100	6	9	27	33	2	7	21	23	0	0	0	0
79 X40009	Truck, cargo, 2½-ton, 6x6, WE	8	6	15	30	8	30	82	3	4	12	15	2	2	6	8	12	6	18	30
80 X40146	Truck, cargo, 2½-ton, 6x6, w/winch, WE	0	1	0	0	0	2	3	0	0	0	0	0	0	0	0	2	0	0	2
81 X40283	Truck, cargo, 2½-ton, 6x6, XLW8, WE	0	0	0	0	0	6	6	0	0	0	0	0	0	0	0	0	2	6	6
82 X40831	Truck, cargo, 5-ton, 6x6, LW8, WE	0	0	2	4	9	0	13	2	0	0	2	0	3	9	9	0	0	0	0
83 X55627	Truck, platform, utility, ½-ton, 4x4, WE	0	0	3	6	0	9	15	0	1	3	3	0	0	0	0	0	3	9	9
84 X60696	Truck, tractor, wrecker, 5-ton, 6x6, w/winch, WE	0	0	0	0	3	0	3	0	0	0	0	0	1	3	3	0	0	0	0
85 X60833	Truck, utility, ¼-ton, 4x4, WE	16	3	14	28	12	12	71	8	2	6	14	6	2	6	12	6	2	6	12
86 X63299	Truck, wrecker, 5-ton, 6x6, w/winch, WE	0	0	0	0	0	4	4	0	0	0	0	0	0	0	0	1	1	3	4
	Class VIIM—Weapons																			
87 A90118	Armament subsystem, helicopter, 7.62-mm, machine-gun, light, w/o weapons, WE	0	16	60	120	2	13	151	0	20	60	60	2	0	0	2	4	3	9	13
88 A90437	Armament subsystem, helicopter, 7.62-mm, machine-gun, 40-mm launcher, hi rate, w/o weapons	0	0	0	0	0	63	63	0	0	0	0	0	0	0	0	0	21	63	63
89 L44174	Launcher, grenade, aircraft, 40-mm, left or right hand feed	0	0	0	0	0	63	63	0	0	0	0	0	0	0	0	0	21	63	63
90 L44595	Launcher, grenade, 40-mm, single shot, rifle mtd, detachable, WE	6	6	24	24	24	42	102	6	6	18	24	6	6	18	24	6	12	36	42
91 L45016	Launcher, rocket, aircraft, 2 75-in	0	0	0	0	0	126	126	0	0	0	0	0	0	0	0	0	42	126	126
92 L92260	Machinegun, 7.62-mm, aircraft, light, door mtd	0	32	120	240	112	26	410	0	40	120	120	4	36	108	112	8	6	18	26
93 L92323	Machinegun, 7.62-mm, six barrels	0	0	0	0	0	63	63	0	0	0	0	0	0	0	0	0	21	63	63
94 L92386	Machinegun, 7.62-mm, light, flexible	5	4	14	28	16	46	99	2	4	12	14	4	4	12	16	4	14	42	46
95 M75714	Mount, tripod, machinegun, 7.62-mm	5	4	14	28	16	10	63	2	4	12	14	4	4	12	16	4	2	6	10

Table 2–24. Summary of Equipment–Aviation Group/Assault Helicopter Battalion/Assault Support Helicopter Battalion–Air Assault Division–Continued

1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
			Avn gp							*Aslt hel bn*				*Aslt spt hel bn*				*Atk hel bn*			
1	*LIN*	*Nomenclature*	*HHC (7-201H)*	*Avn GS co (7-202H)*	*Two aslt hel bn (7-255H) (1)*	*(2)*	*Aslt spt hel bn (1-165H)*	*Atk hel bn (17-385H)*	*Gp total (7-200H)*	*HHC (7-256H)*	*Three aslt hel co (7-258H) (1)*	*(3)*	*Bn total (7-255H)*	*HHC (1-166H)*	*Three aslt spt hel co (1-167H) (1)*	*(3)*	*Bn total (1-165H)*	*HHC (17-386H)*	*Three Atk hel co (17-387H) (1)*	*(3)*	*Bn total (17-385H)*
96	R91244	Revolver, cal 38, special, 4-in barrel	30	70	230	460	190	285	1,035	17	71	213	230	16	58	174	190	39	82	246	285
97	R94977	Rifle, 5.56-mm, WE	235	105	304	608	449	575	1,972	73	77	231	304	53	132	396	449	203	124	372	575
		Class VIIU–COMSEC Materiel																			
98	E45766	Code changer key, KIK-18/TSEC	0	9	22	44	19	26	98	1	7	21	22	1	6	18	19	2	8	24	26
99	E45820	Code changer key, KYK-28/TSEC	2	14	26	52	20	44	132	2	8	24	26	2	6	18	20	5	13	39	44
100	H02300	Electronic, teletypewriter, security equipment, TSEC/KW-7	7	2	5	10	2	2	23	5	0	0	5	2	0	0	2	2	0	0	2
101	P43177	Power supply assembly, vehicular, Z-ACD	4	2	13	26	10	21	63	4	3	9	13	4	2	6	10	12	3	9	21
102	U01295	Speech security equipment, abn, TSEC/KY-28	0	38	63	126	50	112	326	3	20	60	63	2	16	48	50	4	36	108	112
103	U01305	Speech security equipment, TSEC/KY-38	4	3	13	26	10	21	64	4	3	9	13	4	2	6	10	12	3	9	21
		Class VIIW–Ground: Construction and MHE																			
104	F39172	Crane, wheel, mtd, 3-ton	0	1	3	6	3	1	11	0	1	3	3	0	1	3	3	1	0	0	1
105	X48914	Truck, lift, fork, dsl drvn, 6000-lb, rough terrain	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	1	3	3
106	X51928	Truck, lift, fork, gas pt, 6,000-lb, rough terrain	0	0	0	0	3	0	3	0	0	0	0	0	1	3	3	0	0	0	0
107	X52818	Truck, lift, fork, rough terrain, 3,000-lb	0	1	3	6	0	0	7	0	1	3	3	0	0	0	0	0	0	0	0

Table 2–25. Summary of Equipment—Engineer Battalion/Signal Battalion, Air Assault Division

1	2		3	4	5	6	7	8	9	10
			Engineer bn				*Signal bn*			
1	*LIN*	*Nomenclature*	*HHC (5-216H)*	*Four engr co (5-217H)*		*Bn total (5-215H)*	*HHC (11-206H)*	*Comd comm co (11-207H)*	*Fwd comm co (11-208H)*	*Bn total (11-205H)*
		Class IIB—Troop Support								
2	K39774	Hoisting unit, truck mounting, organizational maint set no 7	0	0	0	0	1	0	0	1
		Class IIE—General Supply								
3	G68966	Drum, fabric, collapsible, liquid fuel, 500-gal, capacity	3	0	0	3	0	0	0	0
		Class IIG—Electronics								
4	C68719	Cable, telephone, WO-1/TT, OR-8, 1,320 ft	13	20	80	93	10	16	6	32
5	C68856	Cable, telephone, WD-1/TT, RL-159/U, 5,280 ft	0	0	0	0	2	40	30	72
6	R30662	Receiver-transmitter, control group, AN/GRA-6	0	0	0	0	0	2	0	2
7	U82529	Switchboard, telephone, manual, SB-993/GT	0	3	12	12	0	0	0	0
		Class VIIB—Troop Support								
8	E69242	Compressor, RCP, power drvn, air rec, gas drvn, 15 CFM, 175 PSI	1	0	0	1	1	0	0	1
9	G02204	Detecting set, mine, ptbl metallic and nonmetallic	5	13	52	57	0	4	0	4
10	G02341	Detecting set, mine, ptbl metallic (AN/PSS-11)	6	10	40	46	0	4	0	4
11	J42100	Generator set, gas eng, tlr mtd, 10 kw, 60 cy, 1 ph, AC 120/240V, PU-619/M	0	0	0	0	1	0	0	1
12	J43918	Generator set, gas eng, 1.5 kw, 60 hz, 1 ph, 2 wire, AC 120V, shock, tac util	2	1	4	6	7	29	37	73
13	J44055	Generator set, gas eng, 1.5 kw, DC 28V, shock, tac util	1	1	4	5	0	0	0	0
14	J45699	Generator set, gas eng, 3 kw, 60 hz, 1-3 ph, 120/240, 120/208V, skid, tac util	10	1	4	14	0	8	6	14
15	J46110	Generator set, gas eng, 3 kw, DC 28V, skid-shock, tblr frame mtd, tac util	2	0	0	2	4	30	28	62
16	J46384	Generator set, gas eng, tlr mtd, 3 kw, 60 hz, 2 ea, mtd on M101 Pu-617	0	0	0	0	4	0	0	4
17	J47068	Generator set, gas eng, 5 kw, 60 hz, 1-3 ph, AC 120/240, 120/208V, skid, tac util	4	0	0	4	0	0	0	0
18	L64131	Light set, marker, emergency, afld runway, ptbl, battery op	1	1	4	5	0	0	0	0
19	P96640	Pumping assembly, flammable liquid, bulk transfer	1	0	0	1	0	0	0	0
20	T10138	Shop equip, contact maint, trk mtd	4	0	0	4	0	0	0	0
21	W32730	Shop equipment, auto maint and rep, OM common no 2, less power	1	0	0	1	1	0	0	1
22	Y35143	Water purif equip set, diatomite filter, 420 GPH	8	0	0	8	0	0	0	0

Table 2–25. Summary of Equipment–Engineer Battalion/Signal Battalion, Air Assault Division–Continued

1	2	3	4	5	6	7	8	9	10
		Engineer bn				*Signal bn*			
1	*LIN*	*Nomenclature*	*HHC (5-216H)*	*Four engr co (5-217H)*		*Bn total (5-215H)*	*HHC (11-206H)*	*Comd comm co (11-207H)*	*Fwd comm co (11-208H)*	*Bn total (11-205H)*
		Class VIIG–Electronics								
23	B67423	Binocular, electronic, AN/PAS-5	0	13	52	52	0	0	0	0
24	N04730	Night vision sight, individual, SERVEP weapon, AN/PVS-2	0	9	36	36	0	0	0	0
25	Q32756	Radio set, AN/GRC-106	0	0	0	0	0	2	0	2
26	Q38299	Radio set, AN/PRC-77	9	13	52	61	0	0	0	0
27	Q53001	Radio set, AN/VRC-46	5	3	12	17	1	4	9	14
28	Q54174	Radio set, AN/VRC-47	5	1	4	9	2	3	1	6
29	Q55114	Radio set, AN/VRC-49	1	0	0	1	0	4	3	7
30	Q78282	Radio set, control group, AN/GRA-39	1	1	4	5	3	0	0	3
31	Q91301	Radio teletypewriter set, AN/VSC-2	2	0	0	2	0	8	11	19
32	Q92197	Radio terminal set, AN/MRC-127 less power	0	0	0	0	0	10	15	25
33	U81707	Switchboard, telephone, manual, SB-22/PT	2	1	4	6	4	6	3	13
34	V29156	Telephone, central, office group, AN/MTC-10	0	0	0	0	0	4	3	7
35	V30252	Telephone set, TA-1/PT	0	3	12	12	0	0	0	0
36	V31211	Telephone set, TA-312/PT	16	7	28	44	20	160	66	246
37	V57914	Terminal, telegraph-telephone, AN/TCC-29	0	0	0	0	6	0	0	6
		Class VIIK–Tactical vehicles								
38	W95400	Trailer, cargo, ¼-ton, 2-whl, WE	12	4	16	28	8	19	21	48
39	W95537	Trailer, cargo, ¾-ton, 2-whl, WE	6	0	0	6	5	4	3	12
40	W95811	Trailer, cargo, 1½-ton, 2-whl, WE	4	0	0	4	2	0	0	2
41	W98825	Trailer, tank, water, 400-gal, 1½-ton, 2-whl, WE	1	1	4	5	0	1	1	2
42	X38639	Truck, ambulance, ¼-ton, 4x4, WE	1	0	0	1	0	0	0	0
43	X39735	Truck, cargo, ¾-ton, 4x4, WE	7	1	4	11	3	0	0	3
44	X39872	Truck, cargo, ¾-ton, 4x4, w/winch, WE	0	0	0	0	2	4	0	6
45	X39940	Truck, cargo, 1¼-ton, 6x6, WE	5	0	0	5	0	10	18	28
46	X40009	Truck, cargo, 2½-ton, 6x6, WE	2	1	4	6	1	1	1	3
47	X40146	Truck, cargo, 2½-ton, 6x6, w/winch, WE	0	0	0	0	1	0	0	1
48	X43297	Truck, dump, 2½-ton, 6x6, WE	19	9	36	55	0	0	0	0
49	X60833	Truck, utility, ¼-ton, 4x4, WE	14	4	16	30	9	26	24	59
50	X63299	Truck, wrecker, 5-ton, 6x6, w/winch, WE	1	0	0	1	0	0	0	0
		Class VIIM–Weapons								
51	L44595	Launcher, grenade, 40-mm, single shot, rifle mtd, detachable, WE	10	19	76	86	0	6	4	10
52	L92386	Machinegun, 7.62-mm, light, flexible	10	12	48	58	1	1	1	3
53	M75714	Mount, tripod, machinegun, 7.62-mm	10	12	48	58	1	1	1	3
54	N96741	Pistol, cal .45, automatic	24	1	4	28	7	1	3	11
55	R94977	Rifle, 5.56-mm	215	120	480	695	78	185	190	453
		Class VIIQ–Marine Equipment								
56	B84404	Boat, reconnaissance, pneu 3-man	2	0	0	2	0	0	0	0

Table 2—25. Summary of Equipment—Engineer Battalion/Signal Battalion, Air Assault Division—Continued

1	2	3	4	5	6	7	8	9	10
		Engineer bn				*Signal bn*			
1 *LIN*	*Nomenclature*	*HHC (5-216H)*	*Four engr co (5-217H)*		*Bn total (5-215H)*	*HHC (11-206H)*	*Comd comm co (11-207H)*	*Fwd comm co (11-208H)*	*Bn total (11-205H)*
	Class VIIU—COMSEC Materiel								
57 E45820	Code changer key, KYK-28/TSEC	5	1	4	9	2	5	3	10
58 H02300	Electronic teletypewriter security equipment, TSEC/KW-7	2	0	0	2	7	20	20	47
59 P43177	Power supply assembly, vehicular, Z-ACD	6	1	4	10	2	14	6	22
60 U01305	Speech security equipment, TSEC/KY-38	13	1	4	17	2	14	6	22
61 V08721	Tactical digital regenerative repeater, portable, HYL-3/TSEC	1	0	0	1	0	10	0	10
	Class VIIW—Ground: Construction and MHE								
62 F39172	Crane, wheel mtd, 3-ton	2	0	0	2	0	0	0	0
63 J74886	Grader, road, motorized, dsl drvn, sectionalized	8	0	0	8	0	0	0	0
64 J75239	Scraper, earth moving, grader mounting, hydraulic op	4	0	0	4	0	0	0	0
65 L76693	Loader, scoop type, sectionalized, 2½ cu yd	4	0	0	4	0	0	0	0
66 S10657	Roller, airmobile, single drum	4	0	0	4	0	0	0	0
67 S10682	Roller, towed, vibrating, ded/gas, 1 drum, 5-ton	4	0	0	4	0	0	0	0
68 S11684	Roller, motorized, pneu tired, 9 tires, air transportable	4	0	0	4	0	0	0	0
69 S12575	Roller, towed, sheepsfoot, 2-dr	4	0	0	4	0	0	0	0
70 S56119	Scraper, earth moving, towed, 8 cu yd	4	0	0	4	0	0	0	0
71 W76268	Tractor, full-tracked, low speed, dsl, light dbp, sectionalized, air transportable, w/att	4	0	0	4	0	0	0	0
72 W76302	Tractor, whl, ind, dsl drvn, 5,089 dbp, w/backhoe, w/loader, scoop-type	0	1	4	4	0	0	0	0
73 W76336	Tractor, full-tracked, low speed, dsl, light, dbp, w/bulldozer, scarif	8	0	0	8	0	0	0	0
74 X48914	Truck, lift, fork, dsl drvn, 6,000-lb cap, rough terrain	1	0	0	1	0	0	0	0

Table 2–26. Summary of Equipment—Division Support Command/Medical Battalion, Division Support Command, Air Assault Division

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		Division Support Command									Medical Bn			
1 LIN	Nomenclature	HHC (29-42H)	AG co (12-17H)	Fin co (14-37H)	Div mat mgt cen (29-43H)	Med bn (8-25H)	Maint bn (29-85H)	Acft maint bn (55-405H)	S&S bn (29-95H)	DISCOM total (29-41H)	HQ & Spt co (8-26H)	Three med co (8-27H) (1)	(3)	Bn total (8-25H)
	Class IIA—Air													
2 A21383	Aerial recovery kit for Army acft	0	0	0	0	0	0	4	0	4	0	0	0	0
3 M02470	Maintenance platform, hydraulic adjustable to 10-ft high, 44½-in wide	0	0	0	0	2	0	0	0	2	2	0	0	2
4 M02504	Maintenance platform, hydraulic adjustable, type 3 to 7 ft high	0	0	0	0	2	0	0	0	2	2	0	0	2
	Class IIB—Troop Support													
5 H52010	Filter-separator, liquid fuel, 100 GPM, 75 PSI, 2-in outlet	3	0	0	0	0	0	0	4	7	0	0	0	0
6 L64542	Light set, op area, acft, ½-kw, heliport (Army)	0	0	0	0	1	0	2	0	3	1	0	0	1
7 P90610	Pumping assembly, flammable liquid, bulk transfer, gas drvn, 100 GPM	3	0	0	0	0	0	0	16	19	0	0	0	0
8 V63606	Test set, antiaircraft artillery, AN/MWM-2 (VADS)	0	0	0	0	0	4	0	0	4	0	0	0	0
9 V84014	Test set, radar, AN/TPM-23 (VADS)	0	0	0	0	0	4	0	0	4	0	0	0	0
10 W32867	Shop equipment, auto maint and rep, org suppl no 1, less power	1	0	0	1	1	5	2	4	14	1	0	0	1
11 W67843	Torch outfit, cutting and welding, set 2	0	0	0	0	0	0	0	1	1	0	0	0	0
12 Z13157	Card punch machine, ADPE	0	3	0	4	0	0	0	0	7	0	0	0	0
13 Z74660	Sorter, ADPE	0	1	0	1	0	0	0	0	2	0	0	0	0
14 F77651	CS3, Data analysis central, OL-88(V), 1/MYK-3(V)	1	0	0	0	0	0	0	0	1	0	0	0	0
15 F77918	CS3, Data storage group, OL-89(V), 1/MYK-8(V)	1	0	0	0	0	0	0	0	1	0	0	0	0
16 F77964	CS3, Data support facility, mobile, V-460/MYK-8(V)	1	0	0	0	0	0	0	0	1	0	0	0	0
17 M57481	CS3, Maintenance shop facility, mobile, V-452/MYK-8(V)	1	0	0	0	0	0	0	0	1	0	0	0	0
18 U43735	CS3, Storage facility, mobile, V-483/MYK-8(V)	1	0	0	0	0	0	0	0	1	0	0	0	0
19 J35801	CS3, Generator, diesel engine, 100 kw, 60 hz, mounted on M353, PU-495	2	0	0	0	0	0	0	0	2	0	0	0	0
20 X59326	CS3, Truck, tractor, 5-ton, 6x6, WE, M818	2	0	0	0	0	0	0	0	2	0	0	0	0
	Class IIE—Genaral Supply													
21 G68966	Drum, fabric, collapsible, liquid fuel, 500-gal capacity	0	0	0	0	0	0	0	18	18	0	0	0	0
	Class IIG—Electronics													
22 C68719	Cable, telephone, WO-1/TT, OR-8, 1,320-ft	6	5	2	2	13	6	18	11	63	7	2	6	13
23 C68856	Cable, telephone, WD-1/TT, RL-159/U, 5,280 ft	0	0	0	0	0	12	4	4	20	0	0	0	0
24 C68993	Cable, telephone, WD-1/TT, 2 cond, field wire	0	0	0	0	0	0	0	2	2	0	0	0	0
25 R30662	Receiver-transmitter, control group, AN/GRA-6	0	0	0	0	0	0	1	0	1	0	0	0	0
26 U82529	Switchboard, telephone, manual, SB-993/GT	1	0	0	0	0	0	0	4	5	0	0	0	0
	Class VIIA—Air													
27 K31795	Helicopter, utility, UH-1H	0	0	0	0	12	0	4	0	16	12	0	0	12
28 W62611	Tool set, aviation unit maint set no 1, ambl	0	0	0	0	2	0	0	0	2	2	0	0	2
29 W93995	Trailer, acft maint ambl, 4-whl, 30/48-in trf rail system	0	0	0	0	0	0	8	0	8	0	0	0	0

Table 2—26. Summary of Equipment—Division Support Command/Medical Battalion, Division Support Command, Air Assault Division—Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		Division Support Command									Medical Bn			
1 LIN	Nomenclature	HHC (29-42H)	AG co (12-17H)	Fin co (14-37H)	Div mat mgt cen (29-43H)	Med bn (8-25H)	Maint bn (29-85H)	Acft maint bn (55-405H)	S&S bn (29-95H)	DISCOM total (29-41H)	HQ & Spt co (8-26H)	Three med co (8-27H) (1)	Three med co (8-27H) (3)	Bn total (8-25H)
30 X23227	Transporter, ambl, hydraulic, lift, for shelter and X-4 container	0	0	0	0	1	12	40	0	53	1	0	0	1
	Class VIIB—Troop Support													
31 E70064	Compressor, RCP, power drvn, trk, 2-whl, pneu tires, gas drvn, 5 CFM, 175 PSI	1	0	0	1	1	9	2	4	18	1	0	0	1
32 E70201	Compressor, RCP, power drvn, trk, 2-whl, pneu tires, gas drvn, 8 CFM, 175 PSI	0	0	0	0	1	0	0	0	1	1	0	0	1
33 G02204	Detecting set, mine, ptbl, metallic and nonmetallic	0	0	0	0	4	4	0	1	9	1	1	3	4
34 G02341	Detecting set, mine, ptbl, metallic (AN/PSS-11)	0	0	0	0	4	4	0	1	9	1	1	3	4
35 H94824	Forward area refueling equipment (FARE)	1	0	0	0	0	0	0	9	10	0	0	0	0
36 J04716	Fuel system supply point, ptbl, 60,000-gal cap	0	0	0	0	0	0	0	5	5	0	0	0	0
37 J35492	Generator set, dsl eng, 15 kw, 60 hz, mtd on M200 PU-405	0	1	0	0	0	0	0	0	1	0	0	0	0
38 J35680	Generator set, dsl eng, 60 kw, 40 hz	0	0	0	0	0	2	0	0	2	0	0	0	0
39 J35835	Generator set, dsl eng, 15 kw, 60 hz, 3 ph, AC 120/208, 240/416V, skid, tac util	0	0	0	1	0	0	2	2	5	0	0	0	0
40 J36109	Generator set, dsl eng, 30 kw, 60 hz, 3 ph, AC 120/208, 240/416V, 50 hz, tac util	0	1	0	2	0	0	8	0	11	0	0	0	0
41 J36383	Generator set, dsl eng, 30 kw, 60 hz, mtd on M200 PU-406	0	1	0	0	0	0	0	0	1	0	0	0	
42 J36725	Generator set, dsl eng, 30 kw, AC 120/208, 240/416V, 3 ph, 400 hz, tac precise	0	0	0	0	0	3	0	0	3	0	0	0	0
43 J42100	Generator set, gas eng, tlr mtd, 10 kw, 60 cy, 1 ph, AC 120/240V, PU-619/M	0	0	0	0	0	8	0	0	8	0	0	0	0
44 J42976	Generator set, gas eng, 0.5, 60 cy, 1 ph, AC 120/240V, shock, mtd	0	0	0	0	1	0	2	0	3	1	0	0	1
45 J43918	Generator set, gas eng, 1.5 kw, 60 hz, 1 ph, 2 wire AC 120V, shock, tac util	4	2	0	1	4	18	6	7	42	4	0	0	4
46 J44055	Generator set, gas eng, 1.5 kw, DC 28V, shock, tac util	0	0	0	0	8	1	2	0	11	2	2	6	8
47 J45699	Generator set, gas eng, 3 kw, 60 hz, 1-3 ph, 120/240, 120/208V, skid, tac util	5	1	0	0	1	8	0	7	22	1	0	0	1
48 J46110	Generator set, gas eng, 3 kw, DC 28V, skid-shock, tblr frame mtd, tac util	1	1	0	1	3	9	6	4	25	3	0	0	3
49 J47068	Generator set, gas eng, 5 kw, 60 hz, 1-3 ph AC 120/240, 120/208V, skid, tac util	0	0	1	0	0	8	6	4	19	0	0	0	0
50 J47617	Generator set, gas eng, tlr mtd, 5 kw, 60 hz, 2 ea, mtd on M116 PU-620	0	0	0	0	0	0	1	0	1	0	0	0	0
51 J49055	Generator set, gas eng, 7.5 kw, DC 28.5V, whl mtd	0	0	0	0	2	0	2	0	4	2	0	0	2
52 J49398	Generator set, gas eng, 10 kw, 60 hz, 1-3 ph, AC 120/240, 120/208V, tac util	1	0	3	0	12	4	2	1	23	3	3	9	12
53 L64131	Light set, marker, emergency, afld runway, ptbl, battery op	0	0	0	0	2	0	0	3	5	2	0	0	2
54 T10138	Shop equip, contact maint, trk mtd	0	0	0	0	0	8	0	0	8	0	0	0	0
55 V12141	Tank and pump unit, liquid dispensing, truck mounting	0	0	0	0	1	0	0	2	3	1	0	0	1
56 V19950	Tank unit, liquid dispensing, trailer mounting	3	0	0	0	0	0	0	2	5	0	0	0	0
57 W32593	Shop equipment, auto maint and rep, OM common no 1, less power	1	0	0	1	1	5	2	4	14	1	0		1

Table 2–26. Summary of Equipment—Division Support Command/Medical Battalion, Division Support Command, Air Assault Division—Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		Division Support Command									Medical Bn			
1	LIN Nomenclature	HHC (29-42H)	AG co (12-17H)	Fin co (14-37H)	Div mat mgt cen (29-43H)	Med bn (8-25H)	Maint bn (29-85H)	Acft maint bn (55-405H)	S&S bn (29-95H)	DISCOM total (29-41H)	HQ & Spt co (8-26H)	Three med co (8-27H) (1)	(3)	Bn total (8-25H)
	Class VIIG—Electronics													
58	Q37982 Radio set, AN/PRC-41	0	0	0	0	1	0	0	0	1	1	0	0	1
59	Q38299 Radio set, AN/PRC-77	12	0	0	0	4	0	0	0	16	4	0	0	4
60	Q38335 Radio set, AN/PRC-90	0	0	0	0	24	0	8	0	32	24	0	0	24
61	Q53001 Radio set, AN/VRC-46	2	0	0	4	2	24	7	9	48	2	0	0	2
62	Q54174 Radio set, AN/VRC-47	4	0	0	0	6	2	3	2	17	3	1	3	6
63	Q56783 Radio set, AN/VRC-64	0	0	0	0	4	0	0	0	4	1	1	3	4
64	Q78282 Radio set, control group, AN/GRA-39	4	0	0	2	11	6	3	3	29	5	2	6	11
65	Q90120 Radio teletypewriter set, AN/GRC-142	0	0	0	0	0	0	1	0	1	0	0	0	0
66	U81707 Switchboard, telephone, manual, SB-22/PT	0	2	1	2	6	6	3	4	24	3	1	3	6
67	V31211 Telephone set, TA-312/PT	7	13	12	18	30	58	38	59	235	18	4	12	30
	Class VIIK—Tactical Vehicles													
68	E02807 Chassis, trailer, generator, 2½-ton, 2-whl, WE	0	0	0	2	0	3	8	0	13	0	0	0	0
69	S70243 Semitrailer, low bed, wrecker, 12-ton, 4-whl, 40 ft, WE	0	0	0	0	0	0	0	1	1	0	0	0	0
70	S74490 Semitrailer, van, expansible, 6-ton, 4-whl (Army)	0	1	0	1	0	0	0	0	2	0	0	0	0
71	W93961 Trailer, aircraft, cargo, loading-unloading, 3½-ton, 4-whl, WE	0	0	0	0	0	0	0	25	25	0	0	0	0
72	W95400 Trailer, cargo, ¼-ton, 2-whl, WE	7	5	1	5	14	7	7	11	57	8	2	6	14
73	W95537 Trailer, cargo, ¾-ton, 2-whl, WE	2	2	0	5	5	5	6	13	38	5	0	0	5
74	W95811 Trailer, cargo, 1½-ton, 2-whl, WE	3	2	1	0	3	9	4	26	48	3	0	0	3
75	W98825 Trailer, tank, water, 400-gal, 1½-ton, 2-whl, WE	1	2	0	1	4	5	2	2	17	1	1	3	4
76	X38639 Truck, ambulance, ¼-ton, 4x4, WE	0	0	0	0	6	0	0	0	6	6	0	0	6
77	X38961 Truck, ambulance, 1¼-ton, 6x6, WE	0	0	0	0	18	0	0	0	18	0	6	18	18
78	X39432 Truck, cargo, 1¼-ton, 4x4, WE	0	3	0	0	0	0	0	0	3	0	0	0	0
79	X39447 Truck, cargo, 1¼-ton, 4x4, w/60 amp-comm kit, WE	0	0	0	0	0	6	0	0	6	0	0	0	0
80	X39450 Truck, cargo, 1¼-ton, 4x4, w/60 amp-comm kit, WE	0	0	0	0	0	10	0	0	10	0	0	0	0
81	X39735 Truck, cargo, ¾-ton, 4x4, WE	3	0	0	5	5	28	12	13	66	5	0	0	5
82	X39872 Truck, cargo, ¾-ton, 4x4, w/winch, WE	0	0	0	0	0	4	0	0	4	0	0	0	0
83	X39940 Truck, cargo, 1¼-ton, 6x6, WE	0	0	0	0	0	3	0	0	3	0	0	0	0
84	X40009 Truck, cargo, 2½-ton, 6x6, WE	0	2	1	1	6	14	4	21	49	3	1	3	6
85	X40077 Truck, cargo, drop side, 2½-ton, 6x6, WE	0	0	0	0	0	0	0	8	8	0	0	0	0
86	X40146 Truck, cargo, 2½-ton, 6x6, w/winch, WE	1	0	0	1	1	1	0	9	13	1	0	0	1
87	X40283 Truck, cargo, 2½-ton, 6x6, XLWB, WE	0	0	0	0	0	1	0	0	1	0	0	0	0
88	X40420 Truck, cargo, 2½-ton, 6x6, XLWB, w/winch, WE	0	0	0	0	0	1	0	0	1	0	0	0	0
89	X40831 Truck, cargo, 5-ton, LWB, WE	0	0	0	0	0	0	0	5	5	0	0	0	0
90	X41242 Truck, cargo, 5-ton, 6x6, XLWB, w/winch, WE	0	0	0	0	0	1	0	0	1	0	0	0	0
91	X55627 Truck, platform, util, ½-ton, 4x4, WE	0	0	0	0	0	16	22	6	44	0	0	0	0
92	X57271 Truck, tank, fuel servicing, 2½-ton, 6x6, WE	0	0	0	0	0	0	2	0	2	0	0	0	0
93	X58367 Truck, tank, water, 1,000-gal, 2½-ton, 6x6, WE	0	0	0	0	0	0	2	0	2	0	0	0	0
94	X59326 Truck, tractor, 5-ton, 6x6, WE	2	0	0	0	0	0	0	1	3	0	0	0	0
95	X60833 Truck, utility, ¼-ton, 4x4, WE	7	6	1	5	14	10	7	12	62	8	2	6	14
96	X62237 Truck, van, expansible, 5-ton, 6x6, WE	0	1	0	0	0	0	0	0	1	0	0	0	0
97	X62340 Truck, van, shop, 2½-ton, 6x6, WE	0	2	0	0	0	1	0	0	3	0	0	0	0
98	X63162 Truck, wrecker, 2½-ton, 6x6, w/winch, WE	0	0	0	0	0	8	0	0	8	0	0	0	0
99	X63299 Truck, wrecker, 5-ton, 6x6, w/winch, WE	0	0	0	0	0	0	0	1	1	0	0	0	0
	Class VIIL—Missiles													
100	V84002 Test set, radar, AN/MPM-59, OMTS (FAAR)	0	0	0	0	0	2	0	0	2	0	0	0	0

Table 2—26. Summary of Equipment—Division Support Command/Medical Battalion, Division Support Command, Air Assault Division—Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		Division Support Command									*Medical Bn*			
1	*LIN*	*Nomenclature*	*HHC (29-42H)*	*AG co (12-17H)*	*Fin co (14-37H)*	*Div mat mgt cen (29-43H)*	*Med bn (8-25H)*	*Maint bn (29-85H)*	*Acft maint bn (55-405H)*	*S&S bn (29-95H)*	*DISCOM total (29-41H)*	*HQ & Spt co (8-26H)*	*Three med co (8-27H) (1)*	*(3)*	*Bn total (8-25H)*
		Class VIIM—Weapons													
101	A90118	Armament subsystem, helicopter, 7.62-mm, machine-gun, light, w/o weapons, WE	0	0	0	0	0	0	4	0	4	0	0	0	0
102	L44595	Launcher, grenade, 40-mm, single shot rifle mtd, detachable, WE	2	8	4	2	0	13	18	12	59	0	0	0	0
103	L92260	Machinegun, 7.62-mm, acft, light, door mtd	0	0	0	0	0	0	8	0	8	0	0	0	0
104	L92386	Machinegun, 7.62-mm, light, flexible	6	4	3	4	0	19	10	18	64	0	0	0	0
105	M75714	Mount, tripod, machinegun, 7.62-mm	6	4	3	4	0	19	10	18	64	0	0	0	0
106	N96741	Pistol, cal .45, automatic	10	11	8	8	35	8	0	8	88	14	7	21	35
107	R91244	Revolver, cal .38, special, 4-in barrel	0	0	0	0	61	0	36	0	97	61	0	0	61
108	R94977	Rifle, 5.56-mm, WE	143	289	80	155	300	606	524	484	2,581	132	56	168	300
		Class VIIU—COMSEC Material													
109	E45766	Code changer key, KIK-18/TSEC	0	0	0	0	4	0	2	0	6	4	0	0	4
110	E45820	Code changer key, KYK-28/TSEC	4	0	0	1	10	0	3	0	18	7	1	3	10
111	H02300	Electronic teletypewriter security equipment, TSEC/KW-7	0	0	0	0	0	1	1	0	2	0	0	0	0
112	P43177	Power supply assembly, vehicular, Z-ACD	5	0	0	1	11	0	3	0	20	5	2	6	11
113	U01295	Speech security equipment, abn, TSEC/KY-28	0	0	0	0	12	0	4	0	16	12	0	0	12
114	U01305	Speech security equipment, TSEC/KY-38	5	0	0	1	12	0	3	0	21	6	2	6	12
		Class VIIW—Ground: Construction and MHE													
115	F39172	Crane, wheel mtd, 3-ton	0	0	0	0	0	1	8	0	9	0	0	0	0
116	G34805	Dolly set, lift, transportable shelter, 2½-ton	0	0	0	0	0	20	12	0	32	0	0	0	0
117	W89557	Tractor, wheeled, warehouse, gas, 4,000-lb	0	0	0	0	0	0	0	1	1	0	0	0	0
118	X48914	Truck, lift, fork, dsl drvn, 6,000-lb cap, rough terrain	0	0	0	0	0	4	2	4	10	0	0	0	0
119	X49051	Truck, lift, fork, dsl drvn, 10,000-lb cap, rough terrain	0	0	0	0	0	0	0	4	4	0	0	0	0

Table 2–27. Summary of Equipment—Maintenance Battalion/Transportation Aircraft Maintenance Battalion/Supply and Services Battalion, Division Support Command, Air Assault Division

1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
			Maint bn					Trans acft maint bn				S&S bn					
1	LIN	Nomenclature	HQ & main spt co (29-86H)	Three fwd spt co (29-87H) (1)	(3)	Msl spt co (29-88H)	Bn total (29-85H)	HHD (55-406H)	Two trans acft maint co (55-407H) (1)	(2)	Bn total (55-405H)	HHD (29-96H)	Main S&S co (29-97H)	Three fwd S&S det (29-98H) (1)	(3)	Airdrop equip and spt co (10-94H)	Bn total (29-95H)
		Class IIA—Air															
2	A21383	Aerial recovery kit for Army aircraft	0	0	0	0	0	0	2	4	4	0	0	0	0	0	0
		Class IIB—Troop Support															
3	H52010	Filter-separator, liquid fuel, 100 GPM, 75 PSI, 2-in inlet, 2-in outlet	0	0	0	0	0	0	0	0	0	0	4	0	0	0	4
4	L64542	Light set, op area, aircraft, ½-kw, heliport (Army)	0	0	0	0	0	0	1	2	2	0	0	0	0	0	0
5	P90610	Pumping assembly, flammable liquid, bulk transfer, gas drvn, 100 GPM	0	0	0	0	0	0	0	0	0	0	4	4	12	0	16
6	V63606	Test set, antiaircraft artillery, AN/MWM-2 (VADS)	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0
7	V84014	Test set, radar, AN/TPM-23 (VADS)	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0
8	W32867	Shop equipment, auto maint and rep, org suppl no 1, less power	1	1	3	1	5	0	1	2	2	0	1	1	3	0	4
9	W67843	Torch outfit, cutting and welding, set 2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
		Class IIE—General Supply															
10	G68966	Drum, fabric, collapsible, liquid fuel, 500-gal capacity	0	0	0	0	0	0	0	0	0	0	0	6	18	0	18
		Class IIG—Electronics															
11	C68719	Cable, telephone, WO-1/TT, OR-8, 1,320 ft	2	0	0	4	6	6	6	12	18	4	2	1	3	2	11
12	C68856	Cable, telephone, WD-1/TT, RL-159/U, 5,280 ft	3	3	9	0	12	0	2	4	4	2	2	0	0	0	4
13	C68993	Cable, telephone, WD-1/TT, 2 cond, field wire	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
14	R30662	Receiver-transmitter, control group, AN/GRA-6	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
15	U82529	Switchboard, telephone, manual, SB-993/GT	0	0	0	0	0	0	0	0	0	0	0	1	3	1	4
		Class VIIA—Air															
16	K31795	Helicopter, utility, UH-1H	0	0	0	0	0	0	2	4	4	0	0	0	0	0	0
17	W93995	Trailer, acft maint, airmobile, 4-whl, 30/48 in trf rail system	0	0	0	0	0	0	4	8	8	0	0	0	0	0	0
18	X23227	Transporter, airmobile, hydraulic lift, for shelter and X-4 container	4	2	6	2	12	0	20	40	40	0	0	0	0	0	0
		Class VIIB—Troop Support															
19	E70064	Compressor, RCP, power drvn, trk, 2 whl, pneu tires, gas drvn, 5 CFM, 175 PSI	2	2	6	1	9	0	1	2	2	0	1	1	3	0	4
20	G02204	Detecting set, mine, ptbl, metallic and nonmetallic	1	1	3	0	4	0	0	0	0	1	0	0	0	0	1
21	G02341	Detecting set, mine, ptbl, metallic (AN/PSS-11)	1	1	3	0	4	0	0	0	0	1	0	0	0	0	1
22	H94824	Forward area refueling equipment (FARE)	0	0	0	0	0	0	0	0	0	0	3	2	6	0	9
23	J04716	Fuel system, supply point, ptbl, 60,000-gal cap	0	0	0	0	0	0	0	0	0	0	2	1	3	0	5
24	J35680	Generator set, dsl eng, 60 kw, 400 hz	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0
25	J35835	Generator set, dsl eng, 15 kw, 60 hz, 3 ph, AC 120/208, 240/416V, skid, tac util	0	0	0	0	0	0	1	2	2	0	1	0	0	1	2
26	J36109	Generator set, dsl eng, 30 kw, 60 hz, 3 ph, AC 120/208, 240/416V, 50 hz, tac util	0	0	0	0	0	0	4	8	8	0	0	0	0	0	0
27	J36725	Generator set, dsl eng, 30 kw, AC 120/208, 240/416V, 3 ph, 400 hz, tac precise	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0
28	J42100	Generator set, gas eng, tlr mtd, 10 kw, 60 cy, 1 ph, AC 120/240V, PU-619/M	2	1	3	3	8	0	0	0	0	0	0	0	0	0	0

Table 2–27. Summary of Equipment–Maintenance Battalion/Transportation Aircraft Maintenance Battalion/Supply and Services Battalion, Division Support Command, Air Assault Division–Continued

1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
			Maint bn					Trans acft maint bn				S&S bn					
1	LIN	Nomenclature	HQ & main spt co (29-86H)	Three fwd spt co (29-87H) (1)	(3)	Msl spt co (29-88H)	Bn total (29-85H)	HHD (55-406H)	Two trans acft maint co (55-407H) (1)	(2)	Bn total (55-405H)	HHD (29-96H)	Main S&S co (29-97H)	Three fwd S&S det (29-98H) (1)	(3)	Airdrop equip and spt co (10-94H)	Bn total (29-95H)
29	J42976	Generator set, gas eng, 0.5 kw, 60 cy, 1 ph, AC 120/240V, shock, mtd	0	0	0	0	0	0	1	2	2	0	0	0	0	0	0
30	J43918	Generator set, gas eng, 1.5 kw, 60 hz, 1 ph, 2 wire, AC 120V, shock, tac util	5	3	9	4	18	2	2	4	6	0	3	1	3	1	7
31	J44055	Generator set, gas eng, 1.5 kw, DC 28V, shock, tac util	1	0	0	0	1	0	1	2	2	0	0	0	0	0	0
32	J45699	Generator set, gas eng, 3 kw, 60 hz, 1-3 ph, 120/240, 120/208V, skid, tac util	2	1	3	3	8	0	0	0	0	1	3	1	3	0	7
33	J46110	Generator set, gas eng, 3 kw, DC 28V, skid-shock, tblr frame mtd, tac util	2	2	6	1	9	0	3	6	6	0	1	1	3	0	4
34	J47068	Generator set, gas eng, 5 kw, 60 hz, 1-3 ph, AC 120/240, 120/208, skid, tac util	1	2	6	1	8	0	3	6	6	0	0	0	0	4	4
35	J47617	Generator set, gas eng, tlr mtd, 5 kw, 60 hz, 2 ea, mtd on M116 PU-620	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
36	J49005	Generator set, gas eng, 7.5 kw, DC 28.5V, whl mtd	0	0	0	0	0	0	1	2	2	0	0	0	0	0	0
37	J49398	Generator set, gas eng, 10 kw, 60 hz, 1-3 ph, AC 120/240/, 120/208V, tac util	1	1	3	0	4	0	1	2	2	1	0	0	0	0	1
38	L64131	Light set, marker, emergency, afld runway, ptbl, battery op	0	0	0	0	0	0	0	0	0	0	0	1	3	0	3
39	T10138	Shop equip, contact maint, trk mtd	2	2	6	0	8	0	0	0	0	0	0	0	0	0	0
40	V12141	Tank and pump unit, liquid dispensing, truck mounting	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
41	V19950	Tank unit, liquid dispensing, trailer mounting	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
42	W32593	Shop equipment, auto maint and rep, OM common no 1, less power	1	1	3	1	5	0	1	2	2	0	1	1	3	0	4
		Class VIIG–Electronics															
43	Q38335	Radio set, AN/PRC-90	0	0	0	0	0	0	4	8	8	0	0	0	0	0	0
44	Q53001	Radio set, AN/VRC-46	3	1	3	18	24	3	2	4	7	3	2	1	3	1	9
45	Q54174	Radio set, AN/VRC-47	1	0	0	1	2	1	1	2	3	1	1	0	0	0	2
46	Q78282	Radio set, control group, AN/GRA-39	1	1	3	2	6	1	1	2	3	1	1	0	0	1	3
47	Q90120	Radio teletypewriter set, AN/GRC-142	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
48	U81707	Switchboard, telephone, manual, S8-22/PT	2	1	3	1	6	1	1	2	3	2	2	0	0	0	4
49	V31211	Telephone set, TA-312/PT	18	10	30	10	58	8	15	30	38	12	15	6	18	4	49
		Class VIIK–Tactical Vehicles															
50	E02807	Chassis, trailer, generator, 2½-ton, 2-wheel, WE	0	0	0	3	3	0	4	8	8	0	0	0	0	0	0
51	S70243	Semitrailer, low bed, wrecker, 12-ton, 4-wheel, 40-ft, WE	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
52	W93961	Trailer, aircraft, cargo, loading-unloading, 3½-ton, 4-wheel, WE	0	0	0	0	0	0	0	0	0	0	25	0	0	0	25
53	W95400	Trailer, cargo, ¼-ton, 2-wheel, WE	3	1	3	1	7	3	2	4	7	4	4	1	3	0	11
54	W95537	Trailer, cargo, ¾-ton, 2-wheel, WE	2	1	3	0	5	0	3	6	6	2	0	2	6	5	13
55	W95811	Trailer, cargo, 1½-ton, 2-wheel, WE	1	1	3	5	9	0	2	4	4	0	25	0	0	1	26
56	W98825	Trailer, tank, water, 400-gal, 1½-ton, 2-wheel, WE	1	1	3	1	5	0	1	2	2	1	1	0	0	0	2
57	X39447	Truck, cargo, 1¼-ton, 4x4, w/60 amp-comm kit, WE	0	0	0	6	6	0	0	0	0	0	0	0	0	0	0
58	X39450	Truck, cargo, 1¼-ton, 4x4 w/60 amp-comm kit, WE	0	0	0	10	10	0	0	0	0	0	0	0	0	0	0
59	X39735	Truck, cargo, ¾-ton, 4x4, WE	10	5	15	3	28	0	6	12	12	2	0	2	6	5	13
60	X39872	Truck, cargo, ¾-ton, 4x4, w/winch, WE	1	1	3	0	4	0	0	0	0	0	0	0	0	0	0

Table 2–27. Summary of Equipment–Maintenance Battalion/Transportation Aircraft Maintenance Battalion/Supply and Services Battalion, Division Support Command, Air Assault Division—Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		Maint bn					Trans acft maint bn				S&S bn					
1	LIN	Nomenclature	HQ & main spt co (29-86H)	Three fwd spt co (29-87H) (1)	(3)	Msl spt co (29-88H)	Bn total (29-85H)	HHD (55-406H)	Two trans acft maint co (55-407H) (1)	(2)	Bn total (55-405H)	HHD (29-96H)	Main S&S co (29-97H)	Three fwd S&S det (29-98H) (1)	(3)	Airdrop equip and spt co (10-94H)	Bn total (29-95H)
61	X39940	Truck, cargo, 1¼-ton, 6x6, WE	0	1	3	0	3	0	0	0	0	0	0	0	0	0	0
62	X40009	Truck, cargo, 2½-ton, 6x6, WE	2	3	9	3	14	0	2	4	4	1	20	0	0	0	21
63	X40077	Truck, cargo, drop side, 2½-ton, 6x6, WE	0	0	0	0	0	0	0	0	0	0	2	2	6	0	8
64	X40146	Truck, cargo, 2½-ton, 6x6, w/winch, WE	0	0	0	1	1	0	0	0	0	0	5	1	3	1	9
65	X40283	Truck, cargo, 2½-ton, 6x6, XLWB, WE	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
66	X40420	Truck, cargo, 2½-ton, 6x6, XLWB, w/ winch, WE	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
67	X41242	Truck, cargo, 5-ton, 6x6, XLW8, w/ winch, WE	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
68	X40831	Truck, cargo, 5-ton, 6x6, LW8, WE	0	0	0	0	0	0	0	0	0	0	5	0	0	0	5
69	X55627	Truck, platform, utility, ¼-ton, 4x4, WE	4	4	12	0	16	0	11	22	22	0	0	2	6	0	6
70	X57271	Truck, tank, fuel servicing, 2½-ton, 6x6, WE	0	0	0	0	0	0	1	2	2	0	0	0	0	0	0
71	X58367	Truck, tank, water, 1,000-gal, 2½-ton, 6x6, WE	0	0	0	0	0	0	1	2	2	0	0	0	0	0	0
72	X59326	Truck, tractor, 5-ton, 6x6, WE	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
73	X60833	Truck, utility, ¼-ton, 4x4, WE	4	1	3	3	10	3	2	4	7	4	4	1	3	1	12
74	X62340	Truck, van, shop, 2½-ton, 6x6, WE	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
75	X63162	Truck, wrecker, 2½-ton, 6x6, w/winch, WE	2	2	6	0	8	0	0	0	0	0	0	0	0	0	0
76	X63299	Truck, wrecker, 5-ton, 6x6, w/winch, WE	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
		Class VIIL–Missiles															
77	V84002	Test set, radar, AN/MPM-59, OMTS (FAAR)	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0
		Class VIIM–Weapons															
78	A90118	Armament subsystem, helicopter, 7.62-mm, machine-gun, light, w/o weapons, WE	0	0	0	0	0	0	2	4	4	0	0	0	0	0	0
79	L44595	Launcher, grenade, 40-mm, single shot rifle, mtd, detachable, WE	4	3	9	0	13	6	6	12	18	2	4	2	6	0	12
80	L92260	Machinegun, 7.62-mm, aircraft, light, door mtd	0	0	0	0	0	0	4	8	8	0	0	0	0	0	0
81	L92386	Machinegun, 7.62-mm, light, flexible	4	4	12	3	19	2	4	8	10	4	8	2	6	0	18
82	M75714	Mount, tripod, machinegun, 7.62-mm	4	4	12	3	19	2	4	8	10	4	8	2	6	0	18
83	N96741	Pistol, cal .45, automatic	4	1	3	1	8	0	0	0	0	3	1	1	3	1	8
84	R91244	Revolver, cal .38, special, 4-in barrel	0	0	0	0	0	6	15	30	36	0	0	0	0	0	0
85	R94977	Rifle, 5.56-mm, WE	205	94	282	119	606	32	246	492	524	40	188	69	207	49	484
		Class VIIU–COMSEC Materiel															
86	E45766	Code changer key, KIK-18/TSEC	0	0	0	0	0	0	1	2	2	0	0	0	0	0	0
87	E45820	Code changer key, KYK-28/TSEC	0	0	0	0	0	1	1	2	3	0	0	0	0	0	0
88	H02300	Electronic teletypewriter security equipment, TSEC/ KW-7	1	0	0	0	1	1	0	0	1	0	0	0	0	0	0
89	P43177	Power supply assembly, vehicular, Z-ACD	0	0	0	0	0	1	1	2	3	0	0	0	0	0	0
90	U01295	Speech security equipment, airborne, TSEC/KY-28	0	0	0	0	0	0	2	4	4	0	0	0	0	0	0
91	U01305	Speech security equipment, TSEC/KY-38	0	0	0	0	0	1	1	2	3	0	0	0	0	0	0
		Class VIIW–Ground: Construction and MHE															
92	F39172	Crane, wheel mtd, 3-ton	1	0	0	0	1	0	4	8	8	0	0	0	0	0	0
93	G34805	Dolly set, lift, transportable shelter, 2½-ton	5	5	15	0	20	0	6	12	12	0	0	0	0	0	0
94	W89557	Tractor, wheeled, warehouse, gas, 4,000-lb	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
95	X48914	Truck, lift, fork, dsl drvn, 6,000-lb cap, rough terrain	1	1	3	0	4	0	1	2	2	0	0	0	0	4	4
96	X49051	Truck, lift, fork, dsl drvn, 10,000-lb cap, rough terrain	0	0	0	0	0	0	0	0	0	0	3	0	0	1	4

Table 2—28. Summary of Equipment—Air Cavalry Squadron/Infantry Battalion, Air Assault Division

1	2	3	4	5	6	7	8	9	10	11	12
		Air cav sqdn					*Inf bn*				
1	*LIN*	*Nomenclature*	*HHT (17-96H)*	*Three air cav trp (17-98H) (1)*	*(3)*	*Cav trp (17-99H)*	*Sqdn total (17-95H)*	*HHC (7-56H)*	*Three rifle co (7-57H) (1)*	*(3)*	*Cbt spt co (7-58H)*	*Bn total (7-55H)*
		Class IIA—Air										
2	M02470	Maintenance platform, hydraulic adjustable to 10-ft high, 44½-in wide	1	3	9	0	10	0	0	0	0	0
3	M02504	Maintenance platform, hydraulic adjustable type, 3 to 7 ft high	1	3	9	0	10	0	0	0	0	0
		Class IIB—Troop Support										
4	L64542	Light set, op area, aircraft, ½-kw, heliport (Army)	1	1	3	0	4	0	0	0	0	0
5	W32867	Shop equipment, auto maint and rep, org sup no 1, less power	1	1	3	1	5	0	0	0	0	0
		Class IIE—General Supply										
6	G68966	Drum, fabric, collapsible, liquid fuel, 500-gal capacity	3	6	18	0	21	2	0	0	0	2
		Class IIG—Electronics										
7	C68719	Cable, telephone, WO-1/TT, OR-8, 1,320 ft	39	16	48	30	117	10	12	36	33	79
8	C68856	Cable, telephone, WD-1/TT, RL-159/U, 5,280 ft	0	0	0	0	0	16	0	0	0	16
9	C68993	Cable, telephone, WD-1/TT, 2 cond, field wire	15	0	0	4	19	20	12	36	3	59
10	R30662	Receiver-transmitter, control group, AN/GRA-6	2	1	3	1	6	0	0	0	0	0
11	U82529	Switchboard, telephone, manual, SB-993/GT	0	1	3	3	6	0	3	9	1	10
		Class VIIA—Air										
12	K29660	Helicopter, attack, AH-1G	0	9	27	0	27	0	0	0	0	0
13	K31042	Helicopter, observation, OH-58A	0	10	30	0	30	0	0	0	0	0
14	K31795	Helicopter, utility, UH-1H	4	8	24	0	28	0	0	0	0	0
15	T17093	Shop set, acft maint, airmobile UH-1/OH-6, co size, DS	0	1	3	0	3	0	0	0	0	0
16	W62611	Tool set, aviation unit maint set no 1, airmobile	1	3	9	0	10	0	0	0	0	0
17	X23227	Transporter, airmobile, hydraulic lift, for shelter and X-4 container	1	3	9	0	10	0	0	0	0	0
		Class VIIB—Troop Support										
18	E70064	Compressor, RCP, power drvn, trk, 2-whl, pneu tires, gas drvn, 5 CFM, 175 PSI	1	1	3	1	5	1	0	0	0	1
19	E70201	Compressor, RCP, power drvn, trk, 2-whl, pneu tires, gas drvn, 8 CFM, 175 PSI	1	1	3	0	4	0	0	0	0	0
20	G02204	Detecting set, mine, ptbl, metallic and nonmetallic	1	0	0	3	4	0	1	3	1	4
21	G02341	Detecting set, mine, ptbl, metallic (AN/PSS-11)	1	0	0	3	4	0	2	6	2	8
22	H94824	Forward area refueling equipment (FARE)	1	2	6	0	7	0	0	0	0	0
23	J42976	Generator set, gas eng, 0.5 kw, 60 cy, 1 ph, AC 120/240V, shock, mtd	1	1	3	0	4	0	0	0	0	0

Table 2–28. Summary of Equipment–Air Cavalry Squadron/Infantry Battalion, Air Assault Division–Continued

1	2		3	4	5	6	7	8	9	10	11	12
			Air cav sqdn					*Inf bn*				
1	*LIN*	*Nomenclature*	*HHT (17-96H)*	*Three air cav trp (17-98H) (1)*	*(3)*	*Cav trp (17-99H)*	*Sqdn total (17-95H)*	*HHC (7-56H)*	*Three rifle co (7-57H) (1)*	*(3)*	*Cbt spt co (7-58H)*	*Bn total (7-55H)*
24	J43027	Generator set, gas eng, 0.5 kw, 400 hz, 1 ph AC 120/240V, skid-shock, tac util	0	0	0	0	0	0	0	0	4	4
25	J43918	Generator set, gas eng, 1.5 kw, 60 hz, 1 ph, 2 wire, AC 120V, shock, tac util	5	6	18	1	24	3	0	0	0	3
26	J44055	Generator set, gas eng, 1.5 kw, DC 28V, shock, tac util	3	0	0	0	3	2	0	0	0	2
27	J46110	Generator set, gas eng, 3 kw, DC 28V, skid-shock, tblr frame mtd, tac util	3	2	6	2	11	1	0	0	0	1
28	J47068	Generator set, gas eng, 5 kw, 60 hz, 1-3 ph, AC 120/240, 120/208V, skid, tac util	3	0	0	0	3	0	0	0	0	0
29	J49055	Generator set, gas eng, 7.5 kw, DC 28.5V, whl mtd	1	5	15	0	16	0	0	0	0	0
30	L64131	Light set, marker, emergency, afld runway, ptbl, battery op	1	1	3	0	4	2	1	3	1	6
31	P96640	Pumping assembly, flammable liquid, bulk transfer	0	0	0	0	0	1	0	0	0	1
32	V12141	Tank and pump unit, liquid dispensing, truck mounting	3	0	0	0	3	0	0	0	0	0
33	V19950	Tank unit, liquid dispensing, trailer mounting	3	0	0	0	3	0	0	0	0	0
34	W32593	Shop equipment, auto maint and rep, OM common no 1, less power	1	1	3	1	5	1	0	0	0	1
		Class VIIG–Electronics										
35	E58601	Command console, electronics, AN/ASC-15	2	0	0	0	2	0	0	0	0	0
36	L60318	Light, beacon, MX-7301/TVN	2	0	0	0	2	0	0	0	0	0
37	N04730	Night vision sight, individual, SERVEP weapon, AN/PVS-2	0	8	24	20	44	0	24	72	6	78
38	N15518	Night vision sight, tripod mounted, AN/TVS-4	0	0	0	3	3	0	1	3	4	7
39	Q32756	Radio set, AN/GRC-106	2	1	3	1	6	0	0	0	0	0
40	Q34308	Radio set, AN/GRC-160	0	0	0	18	18	0	0	0	1	1
41	Q38119	Radio set, AN/PRC-47	2	2	6	4	12	0	0	0	0	0
42	Q38296	Radio set, AN/PRC-74	0	0	0	0	0	5	0	0	0	5
43	Q38299	Radio set, AN/PRC-77	6	18	54	3	63	11	15	45	41	97
44	Q38335	Radio set, AN/PRC-90	8	54	162	0	170	0	0	0	0	0
45	Q50421	Radio set, AN/VRC-24	1	1	3	0	4	0	0	0	0	0
46	Q53001	Radio set, AN/VRC-46	7	0	0	7	14	2	0	0	0	2
47	Q54174	Radio set, AN/VRC-47	4	4	12	6	22	0	0	0	1	1
48	Q55114	Radio set, AN/VRC-49	1	0	0	0	1	1	0	0	0	1
49	Q56783	Radio set, AN/VRC-64	1	0	0	0	1	0	0	0	0	0
50	Q78282	Radio set, control group, AN/GRA-39	8	4	12	4	24	3	0	0	1	4
51	Q91301	Radio teletypewriter set, AN/VSC-2	2	0	0	0	2	1	0	0	0	1
52	R29799	Receiver set, radio, AN/PRR-9	0	0	0	0	0	0	36	108	9	117

Table 2–28. Summary of Equipment–Air Cavalry Squadron/Infantry Battalion, Air Assault Division–Continued

1	2	3	4	5	6	7	8	9	10	11	12
		Air cav sqdn					*Inf bn*				
			Three air cav trp (17-98H)					*Three rifle co (7-57H)*			
1	*LIN*	*Nomenclature*	*HHT (17-96H)*	*(1)*	*(3)*	*Cav trp (17-99H)*	*Sqdn total (17-95H)*	*HHC (7-56H)*	*(1)*	*(3)*	*Cbt spt co (7-58H)*	*8n total (7-55H)*
53	U81707	Switchboard, telephone, manual, SB-22/PT	2	1	3	1	6	2	0	0	2	4
54	V30252	Telephone set, TA-1/PT	5	5	15	9	29	0	20	60	10	70
55	V31211	Telephone set, TA-312/PT	14	8	24	6	44	24	7	21	12	57
56	X17820	Transmitter set, radio, AN/PRT-4	0	0	0	0	0	0	18	54	3	57
		Class VIIK–Tactical Vehicles										
57	W95400	Trailer, cargo, ¼-ton, 2-whl, WE	13	3	9	6	28	3	0	0	3	6
58	W95537	Trailer, cargo, ¾-ton, 2-whl, WE	3	4	12	0	15	0	0	0	0	0
59	W95811	Trailer, cargo, 1½-ton, 2-whl, WE	11	0	0	0	11	0	0	0	0	0
60	W98825	Trailer, tank, water, 400-gal, 1½-ton, 2-whl, WE	5	0	0	0	5	0	0	0	0	0
61	X38961	Truck, ambulance, 1¼-ton, 6x6, WE	2	0	0	0	2	0	0	0	0	0
62	X39735	Truck, cargo, ¾-ton, 4x4, WE	0	4	12	0	12	0	0	0	0	0
63	X39872	Truck, cargo, ¾-ton, 4x4, w/winch, WE	2	0	0	0	2	0	0	0	0	0
64	X39940	Truck, cargo, 1¼-ton, 6x6, WE	4	2	6	12	22	2	0	0	0	2
65	X40009	Truck, cargo, 2½-ton, 6x6, WE	4	0	0	0	4	0	0	0	0	0
66	X40146	Truck, cargo, 2½-ton, 6x6, w/winch, WE	12	0	0	0	12	0	0	0	0	0
67	X55627	Truck, platform, utility, ½-ton, 4x4, WE	0	0	0	0	0	8	7	21	16	45
68	X60833	Truck, utility, ¼-ton, 4x4, WE	13	3	9	17	39	3	0	0	3	6
69	X63162	Truck, wrecker, 2½-ton, 6x6, w/winch, WE	1	1	3	0	4	0	0	0	0	0
		Class VIIL–Missiles										
70	G22933	Display set, target alert data (FAAR)	6	0	0	0	6	0	0	0	6	6
71	L45740	Launcher, tubular, guided missile (TOW)	0	0	0	6	6	0	2	6	12	18
72	X45317	Truck, guided missile (TOW)	0	0	0	6	6	0	0	0	0	0
73	X45549	Truck, guided missile equipment, jeep (TOW)	0	0	0	6	6	0	0	0	0	0
74	X45554	Truck, guided missile equipment, mule (TOW)	0	0	0	0	0	0	2	6	12	18
		Class VIIM–Weapons										
75	A22496	Aiming circle	0	0	0	0	0	0	1	3	2	5
76	A89820	Armament pod, aircraft, 7.62-mm machinegun, w/o weapon	0	6	18	0	18	0	0	0	0	0
77	A89992	Armament subsystem, helicopter, 20-mm automatic gun	0	4	12	0	12	0	0	0	0	0
78	A90118	Armament subsystem, helicopter, 7.62-mm machine-gun, light, w/o weapons, WE	4	8	24	0	28	0	0	0	0	0
79	A90437	Armament subsystem, helicopter, 7.62-mm, machine-gun, 40-mm launcher, hi rate w/o weapons	0	9	27	0	27	0	0	0	0	0
80	L44174	Launcher, grenade, aircraft, 40-mm, left or right hand feed	0	9	27	0	27	0	0	0	0	0
81	L44595	Launcher, grenade, 40-mm, single shot rifle, mtd, detachable, WE	4	19	57	23	84	5	20	60	10	75

Table 2–28. Summary of Equipment–Air Cavalry Squadron/Infantry Battalion, Air Assault Division–Continued

1	2	3	4	5	6	7	8	9	10	11	12
		Air cav sqdn					*Inf bn*				
1	*LIN*	*Nomenclature*	*HHT (17-96H)*	*Three air cav trp (17-98H) (1)*	*(3)*	*Cav trp (17-99H)*	*Sqdn total (17-95H)*	*HHC (7-56H)*	*Three rifle co (7-57H) (1)*	*(3)*	*Cbt spt co (7-58H)*	*Bn total (7-55H)*
82	L45016	Launcher, rocket, aircraft, 2.75-in	0	10	30	0	30	0	0	0	0	0
83	L45063	Launcher, rocket, acft, 2.75-in, 19 tube (repairable)	0	16	48	0	48	0	0	0	0	0
84	L45250	Launcher, rocket, 66-mm, 4-tube	0	1	3	3	6	9	0	0	0	9
85	L91975	Machinegun, cal .50, HB, flexible, for ground use	7	2	6	0	13	0	0	0	0	0
86	L92260	Machinegun, 7.62-mm, aircraft, light, door-mtd	8	16	48	0	56	0	0	0	0	0
87	L92323	Machinegun, 7.62-mm, six barrels	0	15	45	0	45	0	0	0	0	0
88	L92386	Machinegun, 7.62-mm, light, flexible	0	14	42	16	58	2	6	18	0	20
89	M68008	Mortar, 81-mm, on mount	0	0	0	3	3	0	3	9	4	13
90	M75577	Mount, tripod, machinegun, heavy, cal .50	7	2	6	0	13	0	0	0	0	0
91	M75714	Mount, tripod, machinegun, 7 62-mm	0	4	12	16	28	2	6	18	0	20
92	N82364	Periscope, battery, command	0	0	0	0	0	0	0	0	1	1
93	N96741	Pistol, cal .45, automatic	0	0	0	19	19	23	23	69	38	130
94	R12989	Range finder, fire control, WE (laser)	0	0	0	3	3	0	0	0	0	0
95	R91244	Revolver, cal .38, special, 4-in barrel	42	71	213	0	255	0	0	0	0	0
96	R94977	Rifle, 5.56-mm, WE	128	140	420	111	659	99	149	447	115	661
		Class VIIU–COMSEC Materiel										
97	E45766	Code changer key, KIK-18/TSEC	2	11	33	0	35	0	0	0	0	0
98	E45820	Code changer key, KYK-28/TSEC	7	11	33	1	41	5	1	3	1	9
99	H02300	Electronic teletypewriter security equipment, TSEC/KW-7	2	0	0	0	2	1	0	0	0	1
100	P43177	Power supply assembly, vehicular, Z-ACD	7	2	6	2	15	2	0	0	0	2
101	U01295	Speech security equipment, airborne, TSEC/KY-28	10	27	81	0	91	0	0	0	0	0
102	U01305	Speech security equipment, TSEC/KY-38	8	2	6	2	16	13	1	3	1	17
103	V08721	Tactical digital regenerative repeater, portable, HYL-3/TSEC	1	0	0	0	1	1	0	0	0	1
		Class VIIW–Ground: Construction and MHE										
104	X52818	Truck, lift, fork, rough terrain, 3,000-lb	1	2	6	0	7	0	0	0	0	0

Table 2—29. Summary of Equipment—Separate Armored Brigade

1	2	3	4	5	6	7	8	9	10
1	*LIN*	*Nomenclature*	*HHC (17-102H)*	*Armd cav trp (17-107H)*	*Engr co (5-127H)*	*Spt bn (29-75H)*	*FA bn 155-mm sp (6-375H)*	*Inf bn (mech) (7-45H)*	*Tk bn (17-35H)*	*Bde total (17-100H)*
		Class IIA—Air								
2	M02470	Maintenance platform, hydraulic adjustable to 10-ft high, 44½-in wide	1	0	0	0	0	0	0	1
3	M02504	Maintenance platform, hydraulic adjustable type, 3 to 7 ft high	1	0	0	0	0	0	0	1
		Class IIB—Troop Support								
4	L64542	Light set, operational area, aircraft, ½ kw, heliport (Army)	1	0	0	0	0	0	0	1
5	P92030	Pump, cntrf, gas drvn, frame mtd, 2-in, 125 GPM, 50-ft hd	0	0	2	0	0	0	0	2
6	W32867	Shop equipment, auto maint and rep, org sup no 1, less power	0	0	1	2	0	4	3	10
7	Z13157	Card punch machine, ADPE	0	0	0	1	0	0	0	1
8	Z74660	Sorter, ADPE	0	0	0	1	0	0	0	1
		Class IIE—General Supply								
9	G68966	Drum, fabric, collapsible, liquid fuel, 500-gal capacity	3	0	3	12	0	0	0	18
		Class IIG—Electronics								
10	C68719	Cable, telephone, WO-1/TT, OR-8 1,320-ft	13	24	11	31	108	114	118	419
11	C68856	Cable, telephone, WD-1/TT, RL-159/U, 5,280-ft	60	0	4	16	60	6	2	148
12	C68993	Cable, telephone, WD-1/TT, 2 cond, field wire	40	0	3	8	28	42	0	121
13	R30662	Receiver-transmitter, control group, AN/GRA-6	2	0	0	0	0	0	0	2
14	U82529	Switchboard, telephone, manual, SB-993/GT	0	0	3	0	0	6	4	13
15	V30937	Telephone set, TA-264/PT	0	0	0	0	1	0	0	1
		Class IIG								
16	M66293	Monitor, liquid fuel contamination, 50 GPM	1	0	0	0	0	0	0	1
		Class IIW—Ground								
17	C29490	Bucket, clamshell, ¾-cu yd	0	0	1	0	0	0	0	1
18	C30997	Bucket, dragline, ¾-cu yd	0	0	1	0	0	0	0	1
		Class VIIA—Air								
19	K31042	Helicopter, observation, OH-58A	6	0	0	0	0	0	0	6
20	K31795	Helicopter, utility, UH-1H	2	0	0	0	0	0	0	2
21	W62611	Tool set, aviation unit maint set no 1, airmobile	1	0	0	0	0	0	0	1
22	X23227	Transporter, airmobile, hydraulic lift, for shelter and X-4 container	1	0	0	0	0	0	0	1
		Class VIIB—Troop Support								
23	C25757	Bridge, floating, raft sec, light, tac	0	0	1	0	0	0	0	1
24	E67735	Compressor, RCP, power drvn, base AC 115V, 60 cy, 1 ph, 1.5 CFM, 50 PSI	0	0	0	1	0	0	0	1

Table 2–29. Summary of Equipment–Separate Armored Brigade–Continued

1	2	3	4	5	6	7	8	9	10
1	*LIN*	*Nomenclature*	*HHC (17-102H)*	*Armd cav trp (17-107H)*	*Engr co (5-127H)*	*Spt bn (29-75H)*	*FA bn 155-mm SP (6-375H)*	*Inf bn (mech) (7-45H)*	*Tk bn (17-35H)*	*Bde total (17-100H)*
25	E69242	Compressor, rcp, power drvn, air rec, gas drvn, 15 CFM, 175 PSI	1	0	0	3	1	1	1	7
26	E70064	Compressor, rcp, power drvn, trk, 2-whl, pneu tires, gas drvn, 5 CFM, 175 PSI	0	1	1	2	5	4	5	18
27	E70201	Compressor, rcp, power drvn, trk, 2-whl, pneu tires, gas drvn, 8 CFM, 175 PSI	1	0	0	0	0	0	0	1
28	E73626	Compressor, rotary power drvn, air, whbrw frame, 2 pneu tires, gas drvn, 60 CFM, 6.5 PSI	0	0	1	0	0	0	0	1
29	G02204	Detecting set, mine, ptbl, metallic and nonmetallic	0	3	14	2	5	1	5	30
30	G02341	Detecting set, mine, ptbl, metallic (AN/PSS-11)	0	3	11	2	5	3	5	29
31	H38787	Ferry, conversion set, raft, inf spt	0	0	1	0	0	0	0	1
32	H94824	Forward area refueling equipment (FARE)	1	0	0	2	0	0	0	3
33	J04716	Fuel system, supply point, ptbl, 60,000-gal cap	0	0	0	1	0	0	0	1
34	J35492	Generator set, dsl eng, tlr mtd, 15 kw, 60 hz, mtd on M200 PU-405	0	0	0	3	0	0	0	3
35	J35835	Generator set, dsl eng, 15 kw, 60 hz, 3 ph, AC 120/208 240/416V, skid, tac util	0	0	0	1	0	0	0	1
36	J38301	Generator set, dsl eng, 60 kw, 60 hz, 3 ph, AC 120/208 240/416V, 50 hz, tac util	0	0	0	1	0	0	0	1
37	J41452	Generator set, gas eng, tlr mtd, 10 kw, 400 hz, mtd on M103 PU-304/MPQ-4	0	0	0	0	1	0	0	1
38	J42856	Generator set, gas eng, 0.5 kw, 28V, skid-shock, tac util	0	0	0	0	0	0	1	1
39	J42976	Generator set, gas eng, 0.5 kw, 60 cy, 1 ph, AC 120/240V, shock, mtd	1	0	0	0	0	0	0	1
40	J43027	Generator set, gas eng, 0.5 kw, 400 hz, 1 ph, AC 120/240V, skid-shock, tac util	0	2	0	0	0	4	4	10
41	J43918	Generator set, gas eng, 1.5 kw, 60 hz, 1 ph, 2 wire, AC 120V, shock, tac util	5	0	2	10	6	13	8	44
42	J44055	Generator set, gas eng, 1.5 kw, DC 28V, shock, tac util	0	0	1	4	7	2	1	15
43	J45699	Generator set, gas eng, 3 kw, 60 hz, 1-3 ph, 120/240 120/208V, skid, tac util	4	0	3	2	0	0	0	9
44	J45836	Generator set, gas eng, 3 kw, 400 hz, 1-3 ph, AC 120/208/240V, tac util	0	0	0	1	10	0	0	11
45	J46110	Generator set, gas eng, 3 kw, DC 28V, skid-shock, tblr frame mtd, tac util	4	0	1	5	2	8	5	25
46	J46384	Generator set, gas eng, tlr mtd, 3 kw, 60 hz, 2 ea, mtd on M101 PU-617	2	0	0	0	0	0	0	2
47	J47068	Generator set, gas eng, 5 kw, 60 hz, 1-3 ph, AC 120/240 120/208V, skid, tac util	0	0	0	4	0	1	0	5
48	J47617	Generator set, gas eng, tlr mtd, 5 kw, 60 hz, 2 ea, mtd on M116 PU-620	2	0	0	1	3	0	0	6

Table 2–29. Summary of Equipment–Separate Armored Brigade–Continued

1	1	2	3	4	5	6	7	8	9	10
				Armd			*FA bn*			
1	*LIN*	*Nomenclature*	*HHC (17-102H)*	*cav trp (17-107H)*	*Engr co (5-127H)*	*Spt bn (29-75H)*	*155-mm SP (6-375H)*	*Inf bn (mech) (7-45H)*	*Tk bn (17-35H)*	*Bde total (17-100H)*
49	J49055	Generator set, gas eng, 7.5 kw, DC 28.5V, whl mtd	1	0	0	0	0	0	0	1
50	J49398	Generator set, gas eng, 10 kw, 60 hz, 1-3 ph, AC 120/240 120/208V, tac util	0	0	2	5	0	0	0	7
51	L01326	Demineralization equip set, water ion exchange, tlr mtd, 3,000-gal	0	0	0	0	0	0	0	0
52	L43664	Launch, M60-series, tank chassis, transporting, 40 and 60 ft bridge, type cl 60	0	0	2	0	0	0	2	4
53	L64131	Light set, marker, emergency, afld runway, ptbl, battery op	0	0	0	1	0	0	0	1
54	P11866	Pneumatic tool and compressor outfit, 250 CFM, tlr mtd	0	0	1	0	0	0	0	1
55	P91756	Pump, cntrf, gas drvn, frame mtd, 1½-in, 65 GPM, 50 ft hd	0	0	3	0	0	0	0	3
56	P96640	Pumping assembly, flammable liquid, bulk transfer	0	0	1	0	0	0	0	1
57	T10138	Shop equip, contact maint, trk mtd	0	0	1	4	0	0	0	5
58	U69083	Surveying instrument, azimuth gyro, lightweight (SIAGL)	0	0	0	0	1	0	0	1
59	U69357	Surveying instrument, dis meas, electronic mwave, mnatzd purpose	0	0	0	0	3	0	0	3
60	V12141	Tank and pump unit, liquid dispensing, truck mounting	1	0	1	2	1	1	4	10
61	V19950	Tank unit, liquid dispensing, tlr mounting	1	0	0	2	1	1	4	9
62	V71450	Test set, computer logic unit	0	0	0	0	1	0	0	1
63	W07838	Theodolite, survey, direct, 0.2 mil, w/tripod, and carrying case	0	0	0	0	4	0	0	4
64	W32593	Shop equipment, auto maint and rep, OM common no 1, less power	0	1	1	2	5	4	5	18
65	W32730	Shop equipment, auto maint and rep, OM common no 2, less power	1	0	0	1	1	1	1	5
66	W65747	Tool set, vehicle, full tracked, org maint sup no 2, less power	1	0	0	0	1	5	1	8
67	Y35486	Water purif equip set, trk mtd, diatomite filter, 1,500 GPH (Army)	0	0	2	0	0	0	0	2
		Class VIIG–Electronics								
68	M36739	Meteorological station, manual, AN/TMQ-4	0	0	0	0	1	0	0	1
69	N04730	Night vision sight, individual, servep weapon, AN/PVS-2	0	29	10	0	0	62	11	112
70	N15518	Night vision sight, tripod mounted, AN/TVS-4	0	1	0	0	1	9	6	17
71	Q15414	Radar set, AN/MPQ-4, less power	0	0	0	0	1	0	0	1
72	Q17332	Radar set, AN/TPS-25, less power	0	0	0	0	1	0	0	1
73	Q32756	Radio set, AN/GRC-106	1	1	0	0	0	0	0	2
74	Q34308	Radio set, AN/GRC-160	4	8	15	0	16	114	20	177
75	Q38299	Radio set, AN/PRC-77	0	3	0	0	4	14	0	21

Table 2–29. Summary of Equipment–Separate Armored Brigade–Continued

1	2	3	4	5	6	7	8	9	10
1	*LIN*	*Nomenclature*	*HHC (17-102H)*	*Armd cav trp (17-107H)*	*Engr co (5-127H)*	*Spt bn (29-75H)*	*FA bn 155-mm SP (6-375H)*	*Inf bn (mech) (7-45H)*	*Tk bn (17-35H)*	*Bde total (17-100H)*
76	Q38335	Radio set, AN/PRC-90	16	0	0	0	0	0	0	16
77	Q45779	Radio set, AN/VRC-12	3	7	0	0	0	3	28	41
78	Q53001	Radio set, AN/VRC-46	9	7	4	11	17	9	20	77
79	Q54174	Radio set, AN/VRC-47	8	3	6	4	6	18	17	62
80	Q55114	Radio set, AN/VRC-49	1	0	0	1	5	1	1	9
81	Q56783	Radio set, AN/VRC-64	11	13	0	0	2	14	41	81
82	Q78282	Radio set, control group, AN/GRA-39	7	4	1	4	35	12	24	87
83	Q90120	Radio teletypewriter set, AN/GRC-142	2	0	0	1	3	0	0	6
84	Q95810	Radiosonde baseline check set, AN/GMM-1A	0	0	0	0	1	0	0	1
85	R16476	Rawin set, AN/GMD-1	0	0	0	0	1	0	0	1
86	R29799	Receiver set, radio, AN/PRR-9	2	0	0	0	0	45	0	47
87	R50043	Recording set, weather data, AN/TMQ-5	0	0	0	0	1	0	0	1
88	U81707	Switchboard, telephone, manual, SB-22/PT	2	1	1	7	8	7	3	29
89	V30252	Telephone set, TA-1/PT	8	6	3	0	8	77	22	124
90	V31211	Telephone set, TA-312/PT	22	7	9	67	121	63	38	327
91	V57914	Terminal, telegraph-telephone, AN/TCC-29	2	0	0	0	0	0	0	2
92	X17820	Transmitter set, radio, AN/PRT-4	2	0	0	0	0	45	0	47
		Class VIIK–Tactical Vehicles								
93	A93125	Armored reconnaissance airborne-assault vehicle, full tracked, 152-mm	0	9	0	0	0	0	0	9
94	D10726	Carrier, 81-mm mortar, full tracked (less mortar)	0	0	0	0	0	9	0	9
95	E02807	Chassis, trailer, generator, 2½-ton, 2-wheel, WE	0	0	0	1	0	0	0	1
96	E56578	Combat engineer vehicle, full-tracked	0	0	2	0	0	0	0	2
97	S70517	Semitrailer, low bed, 25-ton, 4 wheel, WE	0	0	3	0	0	0	0	3
98	S72024	Semitrailer, stake, 12-ton, 4-wheel, WE	0	0	0	14	0	0	0	14
99	S72983	Semitrailer, tank, fuel servicing, 5,000-gal, 12-ton, 4-wheel, WE	0	0	0	9	0	0	0	9
100	S74832	Semitrailer, van, repair parts storage, 6-ton, 4-wheel, WE	0	0	0	4	0	0	0	4
101	W94030	Trailer, ammunition, 1½-ton, 2-wheel, WE	0	0	9	0	0	0	0	9
102	W95400	Trailer, cargo, ¼-ton, 2-wheel, WE	36	1	8	28	21	34	20	148
103	W95811	Trailer, cargo, 1½-ton, 2-wheel, WE	8	2	2	49	11	16	19	107
104	W98825	Trailer, tank, water, 400-gal, 1½-ton, 2-wheel, WE	1	0	1	5	5	5	5	22
105	X38639	Truck, ambulance, ¼-ton, 4x4, WE	2	0	0	0	0	0	0	2
106	X38961	Truck, ambulance, 1¼-ton, 6x6, WE	0	0	0	12	1	1	1	15
107	X39735	Truck, cargo, ¾-ton, 4x4, WE	0	0	0	1	0	0	0	1
108	X39940	Truck, cargo, 1¼-ton, 6x6, WE	12	0	2	15	17	7	7	60
109	X40009	Truck, cargo, 2½-ton, 6x6, WE	6	2	7	40	19	14	14	102
110	X40146	Truck, cargo, 2½-ton, 6x6, w/winch, WE	1	0	0	6	5	2	6	20
111	X40831	Truck, cargo, 5-ton, 6x6, LWB, WE	0	0	0	2	1	0	0	3
112	X40931	Truck, cargo, drop side, 5-ton, 6x6, w/winch, WE	0	0	1	0	0	0	0	1

Table 2—29. Summary of Equipment—Separate Armored Brigade—Continued

1	2	3	4	5	6	7	8	9	10
1	*LIN*	*Nomenclature*	*HHC (17-102H)*	*Armd cav trp (17-107H)*	*Engr co (5-127H)*	*Spt bn (29-75H)*	*FA bn 155-mm SP (6-375H)*	*Inf bn (mech) (7-45H)*	*Tk bn (17-35H)*	*Bde total (17-100H)*
113	X41310	Truck, cargo, 5-ton, 8x8, WE	2	0	1	0	0	6	6	15
114	X41615	Truck, cargo, 8-ton, 4x4, WE	0	0	0	0	18	5	5	28
115	X43708	Truck, dump, 5-ton, 6x6, WE	0	0	1	0	0	0	0	1
116	X43845	Truck, dump, 5-ton, 6x6, w/winch, WE	0	0	3	0	0	0	0	3
117	X58078	Truck, tank, fuel servicing, 2,500-gal, 4x4, WE	0	0	1	1	2	2	0	6
118	X58093	Truck, tank, fuel servicing, 2,500-gal, 4x4, w/winch, WE	0	0	0	0	0	0	4	4
119	X59326	Truck, tractor, 5-ton, 6x6, WE	0	0	0	25	0	0	0	25
120	X59463	Truck, tractor, 5-ton, 6x6, w/winch, WE	0	0	0	1	0	0	0	1
121	X59600	Truck, tractor, 10-ton, 6x6, w/dual midship, winch w/ hi mtd 5th whl, WE	0	0	0	2	0	0	0	2
122	X59874	Truck, tractor, 10-ton, 6x6, w/midship winch, w/low mtd 5th whl, WE	0	0	3	0	0	0	0	3
123	X60833	Truck, utility, ¼-ton, 4x4, WE	36	2	8	29	27	34	34	170
124	X62237	Truck, van, expansible, 5-ton, 6x6, WE	0	0	0	1	0	0	0	1
125	X62340	Truck, van, shop, 2½-ton, 6x6, WE	0	0	0	10	0	0	0	10
126	X63299	Truck, wrecker, 5-ton, 6x6, w/winch, WE	1	0	1	1	0	0	0	3
127	X63436	Truck, wrecker, 10-ton, 4x4, WE	0	0	0	2	1	1	1	5
		Class VIIL—Missiles								
128	D11681	Carrier, guided missile equipment (TOW)	0	0	0	0	0	18	0	18
129	G22933	Display set, target alert data (FAAR)	5	0	0	0	5	6	6	22
130	L45740	Launcher, tubular, guided missile (TOW)	0	0	0	0	0	18	0	18
		Class VIIM—Weapons								
131	A22496	Aiming circle	0	1	0	0	10	5	2	18
132	E76866	Computer, gun direction	0	0	0	0	4	0	0	4
133	L44595	Launcher, grenade, 40-mm, single shot rifle, mtd, detachable, WE	7	20	24	15	50	82	18	216
134	L45123	Launcher, rocket, multiple, 115-mm	0	0	0	0	3	0	0	3
135	L45250	Launcher, rocket, 66-mm, 4-tube	1	3	0	0	0	9	5	18
136	L91838	Machinegun, cal .50, hb, flexible, vehicle mtd	0	20	9	1	38	86	17	171
137	L91975	Machinegun, cal .50, hb, flexible for ground use	3	1	0	0	0	26	14	44
138	L92386	Machinegun, 7.62-mm, light, flexible	2	3	5	22	33	49	0	114
139	M68008	Mortar, 81-mm, on mount	0	0	0	0	0	9	0	9
140	M68282	Mortar, 4.2-in, on mount	0	3	0	0	0	4	4	11
141	M75577	Mount, tripod, machinegun, heavy, cal .50	3	1	9	0	36	106	14	169
142	M75714	Mount, tripod, machinegun, 7.62-mm	2	3	5	22	31	49	0	112
143	N82364	Periscope, battery, command	0	0	0	0	4	1	1	6
144	N96741	Pistol, cal .45, automatic	46	71	23	50	25	116	279	610
145	R12989	Range finder, fire control, WE (laser)	0	3	0	0	10	0	3	16
146	R91107	Revolver, cal .38, 2-in barrel	1	0	0	0	0	0	0	1
147	R91244	Revolver, cal .38, special, 4-in barrel	14	0	0	0	0	0	0	14
148	R94977	Rifle, 5.56-mm, WE	195	90	230	670	545	735	273	2,738

Table 2–29. Summary of Equipment–Separate Armored Brigade–Continued

1		2	3	4	5	6	7	8	9	10
1	*LIN*	*Nomenclature*	*HHC (17-102H)*	*Armd cav trp (17-107H)*	*Engr co (5-127H)*	*Spt bn (29-75H)*	*FA bn 155-mm SP (6-375H)*	*Inf bn (mech) (7-45H)*	*Tk bn (17-35H)*	*Bde total (17-100H)*
149	R96484	Rifle, recoilless, 90-mm	1	0	0	0	0	0	0	1
150	U56346	Submachinegun, cal .45	0	20	0	0	4	13	122	159
		Class VIIO–Combat Vehicles								
151	D10741	Carrier, 107-mm mortar, self-propelled (less mortar)	0	3	0	0	0	4	4	11
152	D11049	Carrier, cargo, tracked, 6-ton	0	0	0	0	18	0	0	18
153	D11401	Carrier, command and reconnaissance, armored	3	16	0	0	0	11	9	39
154	D11538	Carrier, command post, light, tracked	5	0	1	0	10	6	6	28
155	D12087	Carrier, personnel, full-tracked, armored	0	7	9	0	0	52	9	77
156	K57667	Howitzer, medium, self-propelled, 155-mm	0	0	0	0	18	0	0	18
157	R50544	Recovery vehicle, full-tracked, light armored	0	1	0	0	2	6	2	11
158	R50681	Recovery vehicle, full-tracked, medium	0	0	0	1	0	0	5	6
159	V13101	Tank, combat, full-tracked, 105-mm gun	0	0	0	0	0	0	54	54
		Class VIIQ–Marine Equipment								
160	B83856	Boat, landing, inflatable, assault craft, nylon cloth, 15-man	0	0	9	0	0	0	0	9
161	B84404	Boat, reconnaissance, pneu 3-man	0	0	6	0	0	0	0	6
		Class VIIU–COMSEC Materiel								
162	E45766	Code changer key, KIK-18/TSEC	3	0	0	0	0	0	0	3
163	E45820	Code changer key, KYK-28/TSEC	5	1	1	0	8	4	6	25
164	H02300	Electronic teletypewriter security equipment, TSEC/KW-7	2	0	0	1	3	1	1	8
165	P43177	Power supply assembly, vehicular, Z-ACD	6	3	2	0	17	8	15	51
166	U01295	Speech security equipment, airborne, TSEC/KY-28	8	0	0	0	0	0	0	8
167	U01305	Speech security equipment, TSEC/KY-38	6	3	2	2	17	8	15	53
168	V08721	Tactical digital regenerative repeater, portable, HYL-3/TSEC	1	0	0	0	5	0	1	7
		Class VIIW–Ground: Construction and MHE								
169	C20414	Bridge, armor veh launch, scissor type cl 60, alum, 60-ft length of span	0	0	3	0	0	0	2	5
170	F39241	Crane, wheel mtd, 5-ton, dsl, 4x4, rough terrain, air transport	0	0	0	1	0	0	0	1
171	F39378	Crane, wheel mtd, 20-ton, w/boom crane, 30-ft, w/block & tackle, 20-ton	0	0	1	0	0	0	0	1
172	H32869	Fairlead roller and sheave, 12½-ton crane-shovel crlr, 20-ton, crane-shovel trk	0	0	1	0	0	0	0	1
173	J74920	Grader, road, motorized, dsl drvn, 10,000-lb, 12-ft blade, w/lean frontwheel	0	0	1	0	0	0	0	1
174	V09730	Tagline, crane, and crane-shovel, ¾ to 1 cu yd bucket	0	0	1	0	0	0	0	1
175	W76816	Tractor, full-tracked, low speed, dsl, medium dbp, w/bulldozer, w/scarif winch	0	0	2	0	0	0	0	2
176	X48914	Truck, lift, fork, dsl drvn, 6,000-lb cap, rough terrain	0	0	1	2	0	0	0	3

Table 2–30. Summary of Equipment–Separate Mechanized Brigade

1	2	3	4	5	6	7	8	9	10
1	*LIN*	*Nomenclature*	*HHC (37-102H)*	*Armd cav trp (17-107H)*	*Engr co (5-127H)*	*Spt bn (29-75H)*	*FA bn, 155-mm, SP (6-375H)*	*Inf bn (mech) (7-45H)*	*Tk bn (17-35H)*	*Bde total (37-100H)*
		Class IIA–Air								
2	M02470	Maintenance, platform, hydraulic adjustable to 10-ft high, 44½-in wide	1	0	0	0	0	0	0	1
3	M02504	Maintenance, platform, hydraulic adjustable type, 3 to 7 ft high	1	0	0	0	0	0	0	1
		Class IIB–Troop Support								
4	L64542	Light set, operational area, acft, ½ kw, heliport (Army)	1	0	0	0	0	0	0	1
5	P92030	Pump cntrf, gas drvn, frame mtd, 2-in, 125 GPM, 50 ft hd	0	0	2	0	0	0	0	2
6	W32867	Shop equipment, auto maint and rep, org sup no 1, less power	0	0	1	2	0	4	3	10
7	Z13157	Card punch machine, ADPE	0	0	0	1	0	0	0	1
8	Z74660	Sorter, ADPE	0	0	0	1	0	0	0	1
		Class IIE–General Supply								
9	G68966	Drum, fabric, collapsible liquid fuel, 500-gal capacity	0	0	3	12	0	0	0	15
		Class IIG–Electronics								
10	C68719	Cable, telephone, WO-1/TT, OR-8 1,320 ft	15	24	11	31	108	114	118	421
11	C68856	Cable, telephone, WD-1/TT, RL-159/U 5,280 ft	56	0	4	16	60	6	2	144
12	C68993	Cable, telephone, WD-1/TT, 2 cond field wire	40	0	3	8	28	42	0	121
13	U82529	Switchboard, telephone, manual, SB-993/GT	0	0	3	0	0	6	4	13
14	V30937	Telephone set, TA-264/PT	0	0	0	0	1	0	0	1
		Class IIW–Ground								
15	C29490	Bucket, clamshell, ¾-cu yd	0	0	1	0	0	0	0	1
16	C30997	Bucket, dragline, ¾-cu yd	0	0	1	0	0	0	0	1
		Class VIIA–Air								
17	K31042	Helicopter, observation, OH-58A	6	0	0	0	0	0	0	6
18	K31795	Helicopter, utility, UH-1H	2	0	0	0	0	0	0	2
19	W62611	Tool set, aviation unit maint set no 1, airmobile	1	0	0	0	0	0	0	1
20	X23227	Transporter, airmobile, hydraulic lift, for shelter and X-4 container	1	0	0	0	0	0	0	1
		Class VIIB–Troop Support								
21	C25757	Bridge, floating, raft, sec, light, tac	0	0	1	0	0	0	0	1
22	E67735	Compressor, rcp power drvn, base, AC 115V, 60 cy, 1 ph, 1.5 CFM, 50 PSI	0	0	0	1	0	0	0	1
23	E69242	Compressor, rcp, power drvn, air rec, gas drvn, 15 CFM, 175 PSI	1	0	0	3	1	1	1	7
24	E70064	Compressor, rcp, power drvn, trk, 2 whl, pneu tires, gas drvn, 5 CFM, 175 PSI	0	1	1	2	5	4	5	18
25	E70201	Compressor, rcp, power drvn, trk, 2-whl, pneu tires, gas drvn, 8 CFM, 175 PSI	1	0	0	0	0	0	0	1

Table 2–30. Summary of Equipment–Separate Mechanized Brigade–Continued

1	2	3	4	5	6	7	8	9	10
1	*LIN*	*Nomenclature*	*HHC (37-102H)*	*Armd cav trp (17-107H)*	*Engr co (5-127H)*	*Spt bn (29-75H)*	*FA bn, 155-mm, SP (6-375H)*	*Inf bn (mech) (7-45H)*	*Tk bn (17-35H)*	*Bde total (37-100H)*
26	E73626	Compressor, rotary, power drvn, air whbrw frame, 2 pneu tires, gas drvn, 60 CFM, 6.5 PSI	0	0	1	0	0	0	0	1
27	G02204	Detecting set, mine, ptbl, metallic and nonmetallic	0	3	14	2	5	1	5	30
28	G02341	Detecting set, mine, ptbl, metallic (AN/PSS-11)	0	3	11	2	5	3	5	29
29	H38787	Ferry, conversion set, raft, inf spt	0	0	1	0	0	0	0	1
30	H94824	Forward area refueling equipment (FARE)	0	0	0	2	0	0	0	2
31	J04716	Fuel system, supply point, ptbl, 60,000-gal cap	0	0	0	1	0	0	0	1
32	J35492	Generator set, dsl eng, tlr mtd, 15 kw, 60 hz, mtd on M200 PU-405	0	0	0	3	0	0	0	3
33	J35835	Generator set, dsl eng, 15 kw, 60 hz, 3 ph, AC 120/208 240/416V, skid, tac util	0	0	0	1	0	0	0	1
34	J38301	Generator set, dsl eng, 60 kw, 60 hz, 3 ph, AC 120/208 240/416V, 50 hz, tac util	0	0	0	1	0	0	0	1
35	J41452	Generator set, gas eng, tlr mtd, 10 kw, 400 hz, mtd on M103 PU-304/MPQ-4	0	0	0	0	1	0	0	1
36	J42856	Generator set, gas eng, 0.5 kw, 28V, skid-shock, tac util	0	0	0	0	0	0	1	1
37	J42976	Generator set, gas eng, 0.5 kw, 60 cy, 1 ph, AC 120/240V, shock mtd	1	0	0	0	0	0	0	1
38	J43027	Generator set, gas eng, 0.5 kw, 400 hz, 1 ph, AC 120/240V, skid-shock, tac util	0	2	0	0	0	4	4	10
39	J43918	Generator set, gas eng, 1.5 kw, 60 hz, 1 ph, 2 wire, AC 120V, shock, tac util	9	0	2	10	6	13	8	48
40	J44055	Generator set, gas eng, 1.5 kw, DC 28V, shock, tac util	0	0	1	4	7	2	1	15
41	J45699	Generator set, gas eng, 3 kw, 60 hz, 1-3 ph, 120/240 120/208V, skid, tac util	2	0	3	2	0	0	0	7
42	J45836	Generator set, gas eng, 3 kw, 400 hz, 1-3 ph, AC 120/208/240V, tac util	0	0	0	1	10	0	0	11
43	J46110	Generator set, gas eng, 3 kw, DC 28V, skid-shock, tblr frame mtd, tac util	4	0	1	5	2	8	5	25
44	J46384	Generator set, gas eng, tlr mtd, 3 kw, 60 hz, 2 ea, mtd on M101 PU-617	2	0	0	0	0	0	0	2
45	J47068	Generator set, gas eng, 5 kw, 60 hz, 1-3 ph, AC 120/240 120/208V, skid, tac util	0	0	0	4	0	1	0	5
46	J47617	Generator set, gas eng, tlr mtd, 5 kw, 60 hz, 2 ea, mtd on M116 PU-620	0	0	0	1	3	0	0	4
47	J49055	Generator set, gas eng, 7.5 kw, DC 28.5V, whl mtd	1	0	0	0	0	0	0	1
48	J49398	Generator set, gas eng, 10 kw, 60 hz, 1-3 ph, AC 120/240 120/208V, tac util	0	0	2	5	0	0	0	7
49	L01326	Demineralization equip set, water ion exchange, tlr mtd, 3,000-gal	0	0	0	0	0	0	0	0

Table 2–30. Summary of Equipment–Separate Mechanized Brigade–Continued

1	2	3	4	5	6	7	8	9	10
1	*LIN*	*Nomenclature*	*HHC (37-102H)*	*Armd cav trp (17-107H)*	*Engr co (5-127H)*	*Spt bn (29-75H)*	*FA bn, 155-mm, SP (6-375H)*	*Inf bn (mech) (7-45H)*	*Tk bn (17-35H)*	*Bde total (37-100H)*
50	L43664	Launch, M60 series, tank chassis, transporting, 40 and 60 ft bridge, type cl 60	0	0	2	0	0	0	2	4
51	L64131	Light set, marker, emergency, afld runway, ptbl, battery op	1	0	0	1	0	0	0	2
52	P11866	Pneumatic tool and compressor outfit, 250 CFM, tlr mtd	0	0	1	0	0	0	0	1
53	P91756	Pump, cntrf, gas drvn, frame mtd, 1½-in, 65 GPM, 50-ft hd	0	0	3	0	0	0	0	3
54	P96640	Pumping assembly, flammable liquid, bulk transfer	0	0	1	0	0	0	0	1
55	T10138	Shop equip, contact maint, trk mtd	0	0	1	4	0	0	0	5
56	U69083	Surveying instrument, azimuth gyro, lightweight (SIAGL)	0	0	0	0	1	0	0	1
57	U69357	Surveying instrument, dis meas, electronic miwave, minatzd purpose	0	0	0	0	3	0	0	3
58	V12141	Tank and pump unit, liquid dispensing, truck mounting	1	0	1	2	1	1	4	10
59	V19950	Tank unit, liquid dispensing, tlr mounting	1	0	0	2	1	1	4	9
60	V71450	Test set, computer logic unit	0	0	0	0	1	0	0	1
61	W07838	Theodolite, survey, direct, 0.2 mil w/tripod and carrying case	0	0	0	0	4	0	0	4
62	W32593	Shop equipment, auto maint and rep, OM common no 1, less power	0	1	1	2	5	4	5	18
63	W32730	Shop equipment, auto maint and rep, OM common no 2, less power	1	0	0	1	1	1	1	5
64	W65747	Tool set, vehicle, full-tracked, org maint sup no 2, less power	1	0	0	0	1	5	1	8
65	Y35486	Water purif equip set, trk mtd, diatomite filter, 1,500 GPH (Army)	0	0	2	0	0	0	0	2
		Class VIIG–Electronics								
66	C69541	Cable, telephone, WF-16/U	2	0	0	0	0	0	0	2
67	M36739	Meteorological station, manual, AN/TMQ-4	0	0	0	0	1	0	0	1
68	N04730	Night vision sight, individual, servep weapon, AN/PVS-2	0	29	10	0	0	62	11	112
69	N15518	Night vision, sight tripod mounted, AN/TVS-4	0	1	0	0	1	9	6	17
70	Q15414	Radar set, AN/MPQ-4, less power	0	0	0	0	1	0	0	1
71	Q17332	Radar set, AN/TPS-25, less power	0	0	0	0	1	0	0	1
72	Q32756	Radio set, AN/GRC-106	1	1	0	0	0	0	0	2
73	Q34308	Radio set, AN/GRC-160	4	8	15	0	16	114	20	177
74	Q38299	Radio set, AN/PRC-77	3	3	0	0	4	14	0	24
75	Q38335	Radio set, AN/PRC-90	16	0	0	0	0	0	0	16
76	Q45779	Radio set, AN/VRC-12	3	7	0	0	0	3	28	41
77	Q53001	Radio set, AN/VRC-46	15	7	4	11	17	9	20	83
78	Q54174	Radio set, AN/VRC-47	4	3	6	4	6	18	17	58
79	Q55114	Radio set, AN/VRC-49	1	0	0	1	5	1	1	9
80	Q56783	Radio set, AN/VRC-64	11	13	0	0	2	14	41	81

Table 2–30. Summary of Equipment–Separate Mechanized Brigade–Continued

1	2	3	4	5	6	7	8	9	10
1	*LIN*	*Nomenclature*	*HHC (37-102H)*	*Armd cav trp (17-107H)*	*Engr co (5-127H)*	*Spt bn (29-75H)*	*FA bn, 155-mm, SP (6-375H)*	*Inf bn (mech) (7-45H)*	*Tk bn (17-35H)*	*Bde total (37-100H)*
81	Q78282	Radio set, control group, AN/GRA-39	7	4	1	4	35	12	24	87
82	Q90120	Radio teletypewriter set, AN/GRC-142	2	0	0	1	3	0	0	6
83	Q95810	Radiosonde, baseline check set, AN/GMM-1A	0	0	0	0	1	0	0	1
84	R16476	Rawin set, AN/GMD-1	0	0	0	0	1	0	0	1
85	R29799	Receiver set, radio, AN/PRR-9	0	0	0	0	0	45	0	45
86	R50043	Recording set, weather data, AN/TMQ-5	0	0	0	0	1	0	0	1
87	U81707	Switchboard, telephone, manual, SB-22/PT	2	1	1	7	8	7	3	29
88	V30252	Telephone set, TA-1/PT	8	6	3	0	8	77	22	124
89	V31211	Telephone set, TA-312/PT	23	7	9	67	121	63	38	328
90	V57914	Terminal, telegraph-telephone, AN/TCC-29	2	0	0	0	0	0	0	2
91	X17820	Transmitter set, radio, AN/PRT-4	0	0	0	0	0	45	0	45
		Class VIIK–Tactical Vehicles								
92	A93125	Armored reconnaissance airborne assault vehicle, full-tracked, 152-mm	0	9	0	0	0	0	0	9
93	D10726	Carrier, 81-mm mortar, full-tracked (less mortar)	0	0	0	0	0	9	0	9
94	E02807	Chassis, trailer, generator, 2½-ton, 2-wheel, WE	0	0	0	1	0	0	0	1
95	E56578	Combat engineer vehicle, full-tracked	0	0	2	0	0	0	0	2
96	S70517	Semitrailer, low bed, 25-ton, 4 wheel, WE	0	0	3	0	0	0	0	3
97	S72024	Semitrailer, stake, 12-ton, 4-wheel, WE	0	0	0	14	0	0	0	14
98	S72983	Semitrailer, tank, fuel servicing, 5,000-gal, 12-ton, 4-wheel, WE	0	0	0	9	0	0	0	9
99	S74832	Semitrailer, van, repair parts storage, 6-ton, 4-wheel, WE	0	0	0	4	0	0	0	4
100	W94030	Trailer, ammunition, 1½-ton, 2-wheel, WE	0	0	9	0	0	0	0	9
101	W95400	Trailer, cargo, ¼-ton, 2-wheel, WE	30	1	8	28	21	34	20	142
102	W95811	Trailer, cargo, 1½-ton, 2-wheel, WE	6	2	2	49	11	16	19	105
103	W98825	Trailer, tank, water, 400-gal, 1½-ton, 2-wheel, WE	1	0	1	5	5	5	5	22
104	X38961	Truck, ambulance, 1¼-ton, 6x6, WE	2	0	0	12	1	1	1	17
105	X39735	Truck, cargo, ¾-ton, 4x4, WE	0	0	0	1	0	0	0	1
106	X39940	Truck, cargo, 1¼-ton, 6x6, WE	12	0	2	15	17	7	7	60
107	X40009	Truck, cargo, 2½-ton, 6x6, WE	3	2	7	40	19	14	14	99
108	X40146	Truck, cargo, 2½-ton, 6x6, w/winch, WE	1	0	0	6	5	2	6	20
109	X40831	Truck, cargo, 5-ton, 6x6, LWB, WE	0	0	0	2	1	0	0	3
110	X40931	Truck, cargo, drop side, 5-ton, 6x6, w/winch, WE	0	0	1	0	0	0	0	1
111	X41310	Truck, cargo, 5-ton, 8x8, WE	0	0	1	0	0	6	6	13
112	X41615	Truck, cargo, 8-ton, 4x4, WE	0	0	0	0	18	5	5	28
113	X43708	Truck, dump, 5-ton, 6x6, WE	0	0	1	0	0	0	0	1
114	X43845	Truck, dump, 5-ton, 6x6, w/winch, WE	0	0	3	0	0	0	0	3
115	X57271	Truck, tank, fuel servicing, 2½-ton, 6x6, WE	1	0	0	0	0	0	0	1
116	X58078	Truck, tank, fuel servicing, 2,500-gal, 4x4, WE	0	0	1	1	2	2	0	6
117	X58093	Truck, tank, fuel servicing, 2,500-gal, 4x4, w/winch, WE	0	0	0	0	0	0	4	4

Table 2—30. Summary of Equipment—Separate Mechanized Brigade—Continued

1	2	3	4	5	6	7	8	9	10
1	*LIN*	*Nomenclature*	*HHC (37-102H)*	*Armd cav trp (17-107H)*	*Engr co (5-127H)*	*Spt bn (29-75H)*	*FA bn, 155-mm, SP (6-375H)*	*Inf bn (mech) (7-45H)*	*Tk bn (17-35H)*	*Bde total (37-100H)*
118	X59326	Truck, tractor, 5-ton, 6x6, WE	0	0	0	25	0	0	0	25
119	X59463	Truck, tractor, 5-ton, 6x6, w/winch, WE	0	0	0	1	0	0	0	1
120	X59600	Truck, tractor, 10-ton, 6x6, w/dual midship winch, w/ hi mtd 5th whl, WE	0	0	0	2	0	0	0	2
121	X59874	Truck, tractor, 10-ton, 6x6, w/midship winch, w/low mtd 5th whl, WE	0	0	3	0	0	0	0	3
122	X60833	Truck, utility, ¼-ton, 4x4, WE	31	2	8	29	27	34	34	165
123	X62237	Truck, van, expansible, 5-ton, 6x6, WE	0	0	0	1	0	0	0	1
124	X62340	Truck, van, shop, 2½-ton, 6x6, WE	0	0	0	10	0	0	0	10
125	X63299	Truck, wrecker, 5-ton, 6x6, w/winch, WE	1	0	1	1	0	0	0	3
126	X63436	Truck, wrecker, 10-ton, 4x4, WE	0	0	0	2	1	1	1	5
		Class VIIL—Missiles								
127	D11681	Carrier, guided missile equipment (TOW)	0	0	0	0	0	18	0	18
128	G22933	Display set, target alert data (FAAR)	5	0	0	0	5	6	6	22
129	L45740	Launcher, tubular, guided missile (TOW)	0	0	0	0	0	18	0	18
		Class VIIM—Weapons								
130	A22496	Aiming circle	0	1	0	0	10	5	2	18
131	E76866	Computer, gun direction	0	0	0	0	4	0	0	4
132	L44595	Launcher, grenade, 40-mm, single shot, rifle mtd, detachable, WE	11	20	24	15	50	82	18	220
133	L45123	Launcher, rocket, multiple, 115-mm	0	0	0	0	3	0	0	3
134	L45250	Launcher, rocket, 66-mm, 4-tube	0	3	0	0	0	9	5	17
135	L91838	Machinegun, cal .50, hb, flexible, vehicle mtd	0	20	9	1	38	86	17	171
136	L91975	Machinegun, cal .50, hb, flexible, for ground use	4	1	0	0	0	26	14	45
137	L92386	Machinegun, 7.62-mm, light, flexible	2	3	5	22	33	49	0	114
138	M68008	Mortar, 81-mm on mount	0	0	0	0	0	9	0	9
139	M68282	Mortar, 4.2-in, on mount	0	3	0	0	0	4	4	11
140	M75577	Mount, tripod, machinegun, heavy, cal .50	4	1	9	0	36	106	14	170
141	M75714	Mount, tripod, machinegun, 7.62-mm	2	3	5	22	31	49	0	112
142	N82364	Periscope, battery, command	0	0	0	0	4	1	1	6
143	N96741	Pistol, cal .45, automatic	49	71	23	50	25	116	279	613
144	R12989	Range finder, fire control, WE (Laser)	0	3	0	0	10	0	3	16
145	R91107	Revolver, cal .38, 2-in barrel	1	0	0	0	0	0	0	1
146	R91244	Revolver, cal .38, special, 4-in barrel	16	0	0	0	0	0	0	16
147	R94977	Rifle, 5.56-mm, WE	190	90	230	670	545	735	273	2,733
148	U56346	Submachinegun, cal .45	0	20	0	0	4	13	122	159
		Class VIIO—Combat Vehicles								
149	D10741	Carrier, 107-mm mortar, self-propelled (less mortar)	0	3	0	0	0	4	4	11
150	D11049	Carrier, cargo, tracked, 6-ton	0	0	0	0	18	0	0	18
151	D11401	Carrier, command and reconnaissance, armored	3	16	0	0	0	11	9	39

Table 2–30. Summary of Equipment–Separate Mechanized Brigade–Continued

1	2	3	4	5	6	7	8	9	10
1	*LIN*	*Nomenclature*	*HHC (37-102H)*	*Armd cav trp (17-107H)*	*Engr co (5-127H)*	*Spt bn (29-75H)*	*FA bn, 155-mm, SP (6-375H)*	*Inf bn (mech) (7-45H)*	*Tk bn (17-35H)*	*Bde total (37-100H)*
152	D11538	Carrier, command post, light, tracked	5	0	1	0	10	6	6	28
153	D12087	Carrier, personnel, full-tracked, armored	0	7	9	0	0	52	9	77
154	K57667	Howitzer, medium, self-propelled, 155-mm	0	0	0	0	18	0	0	18
155	R50544	Recovery vehicle, full-tracked, light, armored	0	1	0	0	2	6	2	11
156	R50681	Recovery vehicle, full tracked, medium	0	0	0	1	0	0	5	6
157	V13101	Tank, combat, full-tracked, 105-mm gun	0	0	0	0	0	0	54	54
		Class VIIQ–Marine Equipment								
158	B83856	Boat, landing, inflatable, assault craft, nylon cloth, 15-man	0	0	9	0	0	0	0	9
159	B84404	Boat, reconnaissance, pneumatic, 3-man	0	0	6	0	0	0	0	6
		Class VIIU–COMSEC Materiel								
160	E45766	Code changer key, KIK-18/TSEC	3	0	0	0	0	0	0	3
161	E45820	Code changer key, KYK-28/TSEC	8	1	1	0	8	4	6	28
162	H02300	Electronic teletypewriter security equipment, TSEC/KW-7	5	0	0	1	3	1	1	11
163	P43177	Power supply assembly, vehicular, Z-ACD	10	3	2	0	17	8	15	55
164	U01295	Speech security equipment, airborne, TSEC/KY-28	8	0	0	0	0	0	0	8
165	U01305	Speech security equipment, TSEC/KY-38	10	3	2	2	17	8	15	57
166	V08721	Tactical digital regenerative repeater, portable, HYL-3/TSEC	1	0	0	0	5	0	1	7
		Class VIIW–Ground: Construction and MHE								
167	C20414	Bridge armor veh launch, scissor-type, cl 60, alum, 60 ft length of span	0	0	3	0	0	0	2	5
168	F39241	Crane, wheel mtd, 5-ton, dsl, 4x4, rough terrain, air transport	0	0	0	1	0	0	0	1
169	F39378	Crane, wheel mtd, 20-ton, w/boom crane, 30 ft, w/block and tackle, 20-ton	0	0	1	0	0	0	0	1
170	H32869	Fairlead roller and sheave, 12½-ton crane-shovel crlr, 20-ton crane-shovel trk	0	0	1	0	0	0	0	1
171	J74920	Grader, road, motorized, dsl drvn, 10,000-lb, 12 ft blade, w/lean front wheel	0	0	1	0	0	0	0	1
172	V09730	Tagline crane and crane-shovel, ¾ to 1 cu yd bucket	0	0	1	0	0	0	0	1
173	W76816	Tractor, full-tracked, low speed, dsl, medium DBP w/bulldozer, w/scarif winch	0	0	2	0	0	0	0	2
174	X48914	Truck, lift, fork, dsl drvn, 6,000 lb cap, rough terrain	0	0	1	2	0	0	0	3

Table 2—31. Summary of Equipment—Separate Infantry Brigade

1	2	3	4	5	6	7	8	9	10
1	*LIN*	*Nomenclature*	*HHC (7-102H)*	*Armd cav trp (17-107H)*	*Engr co (5-107H)*	*Spt bn (29-135H)*	*FA bn, 105-mm, towed (6-185H)*	*Tk bn (17-35H)*	*Inf bn (7-15H)*	*Bde total (7-100H)*
		Class IIA—Air								
2	M02470	Maintenance platform, hydraulic adjustable to 10 ft high, 44½-in wide	1	0	0	0	0	0	0	1
3	M02504	Maintenance platform, hydraulic adjustable type, 3 to 7 ft high	1	0	0	0	0	0	0	1
		Class IIB—Troop Support								
4	L64542	Light set, operational area, aircraft, ½ kw, heliport (Army)	1	0	0	0	0	0	0	1
5	P92030	Pump cntrf, gas drvn, frame mtd, 2-in, 125 GPM, 50 ft hd	0	0	2	0	0	0	0	2
6	W32867	Shop equipment, auto maint and rep, org sup no 1, less power	1	0	1	2	0	3	0	7
7	Z13157	Card punch machine, ADPE	0	0	0	1	0	0	0	1
8	Z74660	Sorter, ADPE	0	0	0	1	0	0	0	1
		Class IIE—General Supply								
9	G68966	Drum, fabric, collapsible, liquid fuel, 500-gal capacity	0	0	3	12	0	0	0	15
		Class IIG—Electronics								
10	C68719	Cable, telephone, WO-1/TT, OR-8 1,320-ft	15	24	11	31	79	118	93	371
11	C68856	Cable, telephone, WD-1/TT, RL-159/U 5,280 ft	56	0	4	16	59	2	16	153
12	C68993	Cable, telephone, WD-1/TT, 2 cond, field wire	40	0	3	8	23	0	87	161
13	U82529	Switchboard, telephone, manual, SB-993/GT	0	0	3	0	1	4	12	20
14	V30937	Telephone set, TA-264/PT	0	0	0	0	1	0	0	1
		Class IIW—Ground								
15	C29490	Bucket, clamshell, ¾ cu yd	0	0	1	0	0	0	0	1
16	C30997	Bucket, dragline, ¾ cu yd	0	0	1	0	0	0	0	1
		Class VIIA—Air								
17	K31042	Helicopter, observation, OH-58A	8	0	0	0	0	0	0	8
18	K31795	Helicopter, utility, UH-1H	3	0	0	0	0	0	0	3
19	W62611	Tool set, aviation unit maint set no 1, airmobile	1	0	0	0	0	0	0	1
20	X23227	Transporter, airmobile, hydraulic lift, for shelter and X-4 container	1	0	0	0	0	0	0	1
		Class VIIB—Troop Support								
21	C25757	Bridge floating, raft sec, light, tac	0	0	1	0	0	0	0	1
22	E67735	Compressor, rcp, power drvn, base, AC 115V, 60 cy, 1 ph, 1.5 CFM, 50 PSI	0	0	0	1	0	0	0	1
23	E69242	Compressor, rcp, power drvn, air rec, gas drvn, 15 CFM, 175 PSi	0	0	0	3	1	1	1	6

Table 2–31. Summary of Equipment–Separate Infantry Brigade–Continued

1	2	3	4	5	6	7	8	9	10
1	*LIN*	*Nomenclature*	*HHC (7-102H)*	*Armd cav trp (17-107H)*	*Engr co (5-107H)*	*Spt bn (29-135H)*	*FA bn, 105-mm, towed (6-185H)*	*Tk bn (17-35H)*	*Inf bn (7-15H)*	*Bde total (7-100H)*
24	E70064	Compressor, rcp, power drvn, trk, 2-whl, pneu tires, gas drvn, 5 CFM, 175 PSI	1	1	1	2	5	5	1	16
25	E70201	Compressor, rcp, power drvn, trk, 2-whl, pneu tires, gas drvn, 8 CFM, 175 PSI	1	0	0	0	0	0	0	1
26	E73626	Compressor, rotary, power drvn, air whbrw frame 2 pneu tire, gas drvn, 60 CFM, 6.5 PSI	0	0	1	0	0	0	0	1
27	G02204	Detecting set, mine, ptbl, metallic and nonmetallic	0	3	14	2	5	5	5	34
28	G02341	Detecting set, mine, ptbl, metallic (AN/PSS-11)	0	3	11	2	5	5	12	38
29	G32473	Diving equip set, 1 person scuba, open circuit	0	0	2	0	0	0	0	2
30	H38787	Ferry conversion set, raft, inf spt	0	0	1	0	0	0	0	1
31	H94824	Forward area refueling equipment (FARE)	1	0	0	2	0	0	0	3
32	J04716	Fuel system supply point, ptbl, 60,000-gal cap	0	0	0	1	0	0	0	1
33	J35492	Generator set, dsl eng, tlr mtd, 15 kw, 60 hz, mtd on M200 PU-405	0	0	0	3	0	0	0	3
34	J35835	Generator set, dsl eng, 15 kw, 60 hz, 3 ph, AC 120/208 240/416V, skid, tac util	0	0	0	1	0	0	0	1
35	J38301	Generator set, dsl eng, 60 kw, 60 hz, 3 ph, AC 120/208 240/416V, 50 hz, tac util	0	0	0	1	0	0	0	1
36	J41452	Generator set, gas eng, tlr mtd, 10 kw, 400 hz mtd on M103 PU-304/MPQ-4	0	0	0	0	1	0	0	1
37	J42856	Generator set, gas eng, 0.5 kw, 28V, skid-shock tac util	0	0	0	0	0	1	0	1
38	J42976	Generator set, gas eng, 0.5 kw, 60 cy, 1 ph, AC 120/240V, shock mtd	1	0	0	0	0	0	0	1
39	J43027	Generator set, gas eng, 0.5 kw, 400 hz, 1 ph, AC 120/240V, skid, shock, tac util	0	2	0	0	0	4	4	10
40	J43918	Generator set, gas eng, 1.5 kw, 60 hz, 1 ph, 2 wire, AC 120V, shock, tac util	8	0	2	9	6	8	4	37
41	J44055	Generator set, gas eng, 1.5 kw, DC 28V, shock, tac util	0	0	1	4	16	1	1	23
42	J45699	Generator set, gas eng, 3 kw, 60 hz, 1-3 ph, 120/240 120/208V, skid, tac util	2	0	3	2	0	0	0	7
43	J45836	Generator set, gas eng, 3 kw, 400 hz, 1-3 ph, AC 120/208/240V, tac util	0	0	0	1	4	0	0	5
44	J46110	Generator set, gas eng, 3 kw, DC 28V, skid-shock, tblr frame mtd, tac util	1	0	1	5	2	5	4	18
45	J46384	Generator set, gas eng, tlr mtd, 3 kw, 60 hz, 2 ea, mtd on M101 PU-617	2	0	0	0	0	0	0	2
46	J47068	Generator set, gas eng, 5 kw, 60 hz, 1-3 ph, AC 120/240 120/208V, skid, tac util	0	0	0	4	0	0	2	6
47	J47617	Generator set, gas eng, tlr mtd, 5 kw, 60 hz, 2 ea, mtd on M116 PU-620	2	0	0	1	2	0	0	5

Table 2–31. Summary of Equipment–Separate Infantry Brigade–Continued

1	2	3	4	5	6	7	8	9	10
1	*LIN*	*Nomenclature*	*HHC (7-102H)*	*Armd cav trp (17-107H)*	*Engr co (5-107H)*	*Spt bn (29-135H)*	*FA bn, 105-mm, towed (6-185H)*	*Tk bn (17-35H)*	*Inf bn (7-15H)*	*Bde total (7-100H)*
48	J49055	Generator set, gas eng, 7.5 kw, DC 28.5V, whl mtd	1	0	0	0	0	0	0	1
49	J49398	Generator set, gas eng, 10 kw, 60 hz, 1-3 ph, AC 120/240 120/208V, tac util	0	0	2	5	0	0	0	7
50	L43664	Launch, M60-series, tank chassis, transporting 40 and 60 ft bridge, type cl 60	0	0	2	0	0	2	0	4
51	L64131	Light set, marker, emergency, afld runway, ptbl, battery op	1	0	0	1	0	0	0	2
52	P11866	Pneumatic tool and compressor outfit, 250 CFM, tlr mtd	0	0	1	0	0	0	0	1
53	P96640	Pumping assembly, flammable liquid, bulk transfer	0	0	1	0	0	0	0	1
54	T10138	Shop equip, contact maint, trk mtd	0	0	1	4	0	0	0	5
55	U69083	Surveying instrument, azimuth gyro, lightweight (SIAGL)	0	0	0	0	1	0	0	1
56	V12141	Tank and pump unit, liquid dispensing, truck mounting	1	0	1	2	1	4	1	10
57	V19950	Tank unit, liquid dispensing, trailer mounting	1	0	0	0	0	4	1	6
58	V71450	Test set, computer logistic unit	0	0	0	0	1	0	0	1
59	W07838	Theodolite, survey, direct 0.2 mil w/tripod and carrying case	0	0	0	0	2	0	0	2
60	W32593	Shop equipment, auto maint and rep, OM common no 1, less power	1	1	1	2	5	5	1	16
61	W32730	Shop equipment, auto maint and rep, OM common no 2, less power	0	0	0	1	1	1	1	4
62	W65747	Tool set, vehicle, full-tracked, org maint sup no 2, less power	0	0	0	0	0	1	0	1
63	Y35486	Water purif equip set, trk mtd, diatomite filter, 1,500 GPH (Army)	0	0	2	0	0	0	0	2
		Class VIIG–Electronics								
64	B67423	Binocular, electronic, AN/PAS-5	0	0	19	0	0	0	0	19
65	C69541	Cable, telephone, WF-16/U	2	0	0	0	0	0	0	2
66	M36739	Meteorological station, manual, AN/TMQ-4	0	0	0	0	1	0	0	1
67	N04730	Night vision, sight, individual, servep weapon, AN/PVS-2	0	29	10	0	0	11	80	130
68	N15518	Night vision sight, tripod mounted, AN/TVS-4	0	1	0	0	1	6	9	17
69	Q15414	Radar set, AN/MPQ-4, less power	0	0	0	0	1	0	0	1
70	Q17332	Radar set, AN/TPS, 25 less power	0	0	0	0	1	0	0	1
71	Q32756	Radio set, AN/GRC-106	0	1	0	0	0	0	0	1
72	Q34308	Radio set, AN/GRC-160	4	8	27	0	13	20	43	115
73	Q38299	Radio set, AN/PRC-77	5	3	2	0	4	0	46	60
74	Q38335	Radio set, AN/PRC-90	22	0	0	0	0	0	0	22

Table 2–31. Summary of Equipment–Separate Infantry Brigade–Continued

1	2	3	4	5	6	7	8	9	10
1	*LIN*	*Nomenclature*	*HHC (7-102H)*	*Armd cav trp (17-107H)*	*Engr co (5-107H)*	*Spt bn (29-135H)*	*FA bn, 105-mm, towed (6-185H)*	*Tk bn (17-35H)*	*Inf bn (7-15H)*	*Bde total (7-100H)*
75	Q45779	Radio set, AN/VRC-12	0	7	0	0	0	28	0	35
76	Q53001	Radio set, AN/VRC-46	12	7	5	11	18	20	6	79
77	Q54174	Radio set, AN/VRC-47	1	3	6	4	6	17	18	55
78	Q55114	Radio set, AN/VRC-49	1	0	0	1	5	1	1	9
79	Q56783	Radio set, AN/VRC-64	13	13	0	0	2	41	4	73
80	Q78282	Radio set, control group, AN/GRA-39	6	4	3	4	31	24	13	85
81	Q90120	Radio teletypewriter set, AN/GRC-142	2	0	0	1	2	0	1	6
82	Q95810	Radiosonde, baseline, check set, AN/GMM-1A	0	0	0	0	1	0	0	1
83	R16476	Rawin set, AN/GMD-1	0	0	0	0	1	0	0	1
84	R29799	Receiver set, radio, AN/PRR-9	2	0	0	0	0	0	54	56
85	R50043	Recording set, weather data, AN/TMQ-5	0	0	0	0	1	0	0	1
86	U81707	Switchboard, telephone, manual, S8-22/PT	2	1	1	7	8	3	7	29
87	U82255	Switchboard, telephone, manual, SB-86/P	0	0	0	0	0	0	1	1
88	V30252	Telephone set, TA-1/PT	8	6	3	0	4	22	71	114
89	V31211	Telephone set, TA-312/PT	23	7	9	67	121	38	67	332
90	V57914	Terminal, telegraph-telephone, AN/TCC-29	2	0	0	0	0	0	0	2
91	X17820	Transmitter set, radio, AN/PRT-4	2	0	0	0	0	0	54	56
		Class VIIK–Tactical Vehicles								
92	A93125	Armored reconnaissance airborne assault vehicle, full-tracked, 152-mm	0	9	0	0	0	0	0	9
93	E02807	Chassis, trailer, generator, 2½-ton, 2-wheel, WE	0	0	0	1	0	0	0	1
94	E56578	Combat engineer vehicle, full-tracked	0	0	2	0	0	0	0	2
95	S70517	Semitrailer, low bed, 25-ton, 4-wheel, WE	0	0	3	0	0	0	0	3
96	S72024	Semitrailer stake, 12-ton, 4-wheel, WE	0	0	0	14	0	0	0	14
97	S72983	Semitrailer tank, fuel servicing, 5,000 gal,12-ton, 4-wheel, WE	0	0	0	9	0	0	0	9
98	S74832	Semitrailer, van, repair parts storage, 6-ton, 4-wheel, WE	0	0	0	4	0	0	0	4
99	W94030	Trailer, ammunition, 1½-ton, 2-wheel, WE	0	0	0	0	16	0	0	16
100	W95400	Trailer, cargo, ¼-ton, 2-wheel, WE	30	1	8	28	24	20	47	158
101	W95537	Trailer, cargo, ¾-ton, 2-wheel, WE	0	0	0	0	8	0	0	8
102	W95811	Trailer, cargo, 1½-ton, 2-wheel, WE	5	2	2	45	11	19	11	95
103	W98825	Trailer, tank, water, 400-gal, 1½-ton, 2-wheel, WE	1	0	1	5	5	5	4	21
104	X38961	Truck, ambulance, 1¼-ton, 6x6, WE	2	0	0	12	1	1	3	19
105	X39735	Truck, cargo, ¾-ton, 4x4, WE	0	0	0	1	7	0	0	8
106	X39940	Truck, cargo, 1¼-ton, 6x6, WE	12	0	1	14	9	7	21	64
107	X40009	Truck, cargo, 2½-ton, 6x6, WE	4	2	7	39	44	14	9	119
108	X40146	Truck, cargo 2½-ton, 6x6, w/winch, WE	1	0	0	4	14	6	6	31
109	X40420	Truck, cargo, 2½-ton, 6x6, XLW8, w/winch, WE	0	0	0	1	0	0	0	1

Table 2–31. Summary of Equipment–Separate Infantry Brigade–Continued

1	2	3	4	5	6	7	8	9	10
1	*LIN*	*Nomenclature*	*HHC (7-102H)*	*Armd cav trp (17-107H)*	*Engr co (5-107H)*	*Spt bn (29-135H)*	*FA bn, 105-mm, towed (6-185H)*	*Tk bn (17-35H)*	*Inf bn (7-15H)*	*Bde total (7-100H)*
110	X40831	Truck, cargo, 5-ton, 6x6, LWB, WE	0	0	0	2	1	0	0	3
111	X40931	Truck, cargo, drop side, 5-ton, 6x6, w/winch, WE	0	0	1	0	0	0	0	1
112	X41310	Truck, cargo, 5-ton, 8x8, WE	0	0	1	0	0	6	1	8
113	X41615	Truck, cargo, 8-ton, 4x4, WE	0	0	0	0	0	5	0	5
114	X43845	Truck, dump, 5-ton, 6x6, w/winch, WE	0	0	13	0	0	0	0	13
115	X57271	Truck, tank, fuel servicing, 2½-ton, 6x6, WE	0	0	0	1	0	0	0	1
116	X58078	Truck, tank, fuel servicing, 2,500-gal, 4x4, WE	0	0	1	1	0	0	0	2
117	X58093	Truck, tank, fuel servicing, 2,500-gal 4x4, w/winch, WE	0	0	0	0	0	4	0	4
118	X59326	Truck, tractor, 5-ton, 6x6, WE	0	0	0	25	0	0	0	25
119	X59600	Truck, tractor, 10-ton, 6x6, w/dual midship winch, w/hi mtd 5th whl, WE	0	0	0	1	0	0	0	1
120	X59874	Truck, tractor, 10-ton, 6x6, w/midship winch, w/low mtd 5th whl, WE	0	0	3	0	0	0	0	3
121	X60833	Truck, utility, ¼-ton, 4x4, WE	30	2	9	29	32	34	39	175
122	X62237	Truck, van, expansible, 5-ton, 6x6, WE	0	0	0	1	0	0	0	1
123	X62340	Truck, van, shop, 2½-ton, 6x6, WE	0	0	0	9	0	0	0	9
124	X63299	Truck, wrecker, 5-ton, 6x6, w/winch, WE	1	0	0	1	1	0	1	4
125	X63436	Truck, wrecker, 10-ton, 4x4, WE	0	0	1	2	0	1	0	4
		Class VIIL–Missiles								
126	G22933	Display set, target alert data (FAAR)	5	0	0	0	5	6	6	22
127	L45740	Launcher, tubular, guided missile (TOW)	0	0	0	0	0	0	18	18
128	X45317	Truck, guided missile (TOW)	0	0	0	0	0	0	18	18
129	X45549	Truck, guided missile equipment, jeep (TOW)	0	0	0	0	0	0	18	18
		Class VIIM–Weapons								
130	A22496	Aiming circle	0	1	0	0	10	2	8	21
131	E76866	Computer, gun direction	0	0	0	0	1	0	0	1
132	K57392	Howitzer, light, towed, 105-mm	0	0	0	0	18	0	0	18
133	L44595	Launcher, grenade, 40-mm, single shot rifle mtd, detachable, WE	11	20	24	15	24	18	79	191
134	L45123	Launcher, rocket, multiple, 115-mm	0	0	0	0	3	0	0	3
135	L45250	Launcher, rocket, 66-mm, 4-tube	0	3	0	0	0	5	9	17
136	L91838	Machinegun, cal .50, hb, flexible, vehicle mtd	0	20	0	1	0	17	0	38
137	L91975	Machinegun, cal .50, hb, flexible, for ground use	4	1	0	0	0	14	14	33
138	L92386	Machinegun, 7.62-mm, light, flexible	2	3	5	22	30	0	28	90
139	M68008	Mortar, 81-mm, on mount	0	0	0	0	0	0	9	9
140	M68282	Mortar, 4.2-in, on mount	0	3	0	0	0	4	4	11
141	M75577	Mount, tripod, machinegun, heavy, cal .50	4	1	0	0	0	14	14	33
142	M75714	Mount, tripod, machinegun, 7.62-mm	2	3	5	22	30	0	28	90
143	N82364	Periscope, battery, command	0	0	0	0	4	1	1	6

Table 2–31. Summary of Equipment–Separate Infantry Brigade–Continued

1	2	3	4	5	6	7	8	9	10
1	*LIN*	*Nomenclature*	*HHC (7-102H)*	*Armd cav trp (17-107H)*	*Engr co (5-107H)*	*Spt bn (29-135H)*	*FA bn, 105-mm, towed (6-185H)*	*Tk bn (17-35H)*	*Inf bn (7-15H)*	*Bde total (7-100H)*
144	N96741	Pistol, cal .45, automatic	37	71	13	49	21	279	128	598
145	R12989	Range finder, fire control, WE (laser)	0	3	0	0	9	3	0	15
146	R91107	Revolver, cal .38, 2-in barrel	1	0	0	0	0	0	0	1
147	R91244	Revolver, cal .38, special, 4-in barrel	21	0	0	0	1	0	0	22
148	R94977	Rifle, 5.56-mm, WE	198	90	195	608	483	273	695	2,542
149	R96484	Rifle, recoilless, 90-mm	1	0	0	0	0	0	0	1
150	U56346	Submachinegun, cal .45	0	20	0	0	0	122	0	142
		Class VIIO–Combat Vehicles								
151	D10741	Carrier, 107-mm mortar, self-propelled (less mortar)	0	3	0	0	0	4	0	7
152	D11401	Carrier, command and reconnaissance, armored	0	16	0	0	0	9	0	25
153	D11538	Carrier, command post, light, tracked	0	0	0	0	0	6	0	6
154	D12087	Carrier, personnel, full-tracked, armored	0	7	0	0	0	9	0	16
155	R50544	Recovery vehicle, full-tracked, light, armored	0	1	0	0	0	2	0	3
156	R50681	Recovery vehicle, full-tracked, medium	0	0	0	1	0	5	0	6
157	V13101	Tank, combat, full-tracked, 105-mm gun	0	0	0	0	0	54	0	54
		Class VIIQ–Marine Equipment								
158	B83856	Boat, landing, inflatable, assault craft, nylon cloth, 15-man	0	0	9	0	0	0	0	9
159	B84404	Boat, reconnaissance, pneumatic, 3-man	0	0	6	0	0	0	0	6
		Class VIIU–COMSEC Materiel								
160	E45766	Code changer key, KIK-18/TSEC	4	0	0	0	0	0	0	4
161	E45820	Code changer key, KYK-28/TSEC	9	1	2	0	10	6	8	36
162	H02300	Electronic teletypewriter security equipment, TSEC/KW-7	5	0	0	1	2	1	1	10
163	P43177	Power supply assembly, vehicular, Z-ACD	8	3	2	0	15	15	15	58
164	U01295	Speech security equipment, airborne, TSEC/KY-28	11	0	0	0	0	0	0	11
165	U01305	Speech security equipment, TSEC/KY-38	9	3	2	2	15	15	15	61
166	V08721	Tactical digital regenerative repeater portable, HYL-3/TSEC	1	0	0	0	5	1	1	8
		Class VIIW–Ground: Construction and MHE								
167	C20414	Bridge, armor veh launch, scissor-type class 60, alum, 60 ft length of span	0	0	3	0	0	2	0	5
168	F39241	Crane, wheel mtd, 5-ton, dsl, 4x4, rough terrain, air transport	0	0	0	1	0	0	0	1
169	F39378	Crane, wheel mtd, 20-ton, w/boom, crane, 30-ft, w/block and tackle, 20-ton	0	0	1	0	0	0	0	1
170	H32869	Fairlead roller and sheave, 12½-ton, crane shovel, crlr, 20-ton, crane shovel, trk	0	0	1	0	0	0	0	1
171	J74852	Grader, road, motorized, dsl drvn, hv, 6x4, front-whl steer	0	0	1	0	0	0	0	1

Table 2–31. Summary of Equipment–Separate Infantry Brigade–Continued

1	2	3	4	5	6	7	8	9	10
1	*LIN*	*Nomenclature*	*HHC (7-102H)*	*Armd cav trp (17-107H)*	*Engr co (5-107H)*	*Spt bn (29-135H)*	*FA bn, 105-mm, towed (6-185H)*	*Tk bn (17-35H)*	*Inf bn (7-15H)*	*Bde total (7-100H)*
172	V09730	Tagline crane, and crane-shovel, ¾ to 1 cu yd bucket	0	0	1	0	0	0	0	1
173	W76816	Tractor, full-tracked, low speed, dsl, medium dbp, w/bulldozer, w/scarif winch	0	0	2	0	0	0	0	2
174	X48914	Truck, lift, fork, dsl drvn, 6,000 lb cap, rough terrain	0	0	1	2	0	0	0	3

Table 2–32. Summary of Equipment–Separate Light Infantry Brigade

1	2	3	4	5	6	7	8	9
1	*LIN*	*Nomenclature*	*HHC (77-102H)*	*Armd cav trp (17-117H)*	*Engr co (5-207H)*	*Spt bn (29-245H)*	*FA bn, 105-mm, towed (6-115H)*	*Inf bn (7-175H)*	*Bde total (77-100H)*
		Class IIA–Air							
2	M02470	Maintenance platform, hydraulic adjustable to 10 ft high, 44½-in wide	1	0	0	0	0	0	1
3	M02504	Maintenance platform, hydraulic adjustable type, 3 to 7 ft high	1	0	0	0	0	0	1
		Class IIB–Troop Support							
4	K39774	Hoisting unit, truck, mounting, org maint set, no 7	1	0	0	0	0	0	1
5	L64542	Light set, op area, aircraft, ½ kw, heliport (Army)	1	0	0	0	0	0	1
6	P92030	Pump, cntrf, gas drvn, frame mtd, 2-in, 125 GPM, 50 ft hd	0	0	1	0	0	0	1
7	W32867	Shop equipment, auto maint and rep, org sup no 1, less power	1	1	1	1	0	2	6
		Class IIE–General Supply							
8	G68966	Drum, fabric, collapsible, liquid fuel, 500-gal capacity	0	0	0	30	2	0	32
		Class IIG–Electronics							
9	C68719	Cable, telephone, WO-1/TT, OR-8, 1,320 ft	31	16	19	15	70	43	194
10	C68856	Cable, telephone, WD-1/TT, RL-159/U, 5,280 ft	36	0	4	6	59	0	105
11	C68993	Cable, telephone, WD-1/TT, 2 cond, field wire	20	0	4	2	19	84	129
12	R30662	Receiver-transmitter, control group, AN/GRA-6	2	0	0	0	0	2	4
13	U82529	Switchboard, telephone, manual, SB-993/GT	0	0	5	0	3	11	19
14	V30937	Telephone set, TA-264/PT	0	0	0	0	1	0	1
		Class VIIA–Air							
15	K31042	Helicopter, observation, OH-58A	8	0	0	0	0	0	8
16	K31795	Helicopter, utility, UH-1H	3	0	0	0	0	0	3
17	W62611	Tool set, aviation unit maint set no 1, ambl	1	0	0	0	0	0	1
18	X23227	Transporter, ambl, hydraulic lift, for shelter and X-4 container	1	0	0	2	0	0	3
		Class VIIB–Troop Support							
19	E67735	Compressor, RCP, power drvn, base, AC 155V, 60 cy, 1 ph, 1.5 CFM, 50 PSI	0	0	0	1	0	0	1
20	E69105	Compressor, RCP, power drvn, air rec, gas drvn, 5 CFM, 175 PSI	0	0	0	3	0	0	3
21	E69242	Compressor, RCP, power drvn, air rec, gas drvn, 15 CFM, 175 PSI	0	0	0	1	1	0	2
22	E70064	Compressor, RCP, power drvn, trk, 2-whl, pneu tires, gas drvn, 5 CFM, 175 PSI	1	1	1	1	4	2	10

Table 2–32. Summary of Equipment–Separate Light Infantry Brigade–Continued

1	2	3	4	5	6	7	8	9
1	*LIN*	*Nomenclature*	*HHC (77-102H)*	*Armd cav trp (17-117H)*	*Engr co (5-207H)*	*Spt bn (29-245H)*	*FA bn, 105-mm, towed (6-115H)*	*Inf bn (7-175H)*	*Bde total (77-100H)*
23	E70201	Compressor, RCP, power drvn, trk, 2-whl, pneu tires, gas drvn, 8 CFM, 175 PSI	1	0	0	0	0	0	1
24	G02204	Detecting set, mine, ptbl, metallic and nonmetallic	0	3	4	1	4	5	17
25	G02341	Detecting set, mine, ptbl, metallic (AN/PSS-11)	0	3	10	2	4	10	29
26	H94824	Forward area refueling equipment (FARE)	2	0	0	0	0	0	2
27	J41452	Generator set, gas eng, tlr mtd, 10 kw, 400 hz, mtd on M103 PU-304/MPQ-4	0	0	0	0	1	0	1
28	J41589	Generator set, gas eng, tlr mtd, PU-322/G	0	0	0	1	0	0	1
29	J42100	Generator set, gas eng, tlr mtd, 10 kw, 60 cy, 1 ph, AC 120/240V, PU-619/M	0	0	0	3	0	0	3
30	J42976	Generator set, gas eng, 0.5 kw, 60 cy, 1 ph, AC 120/240V, shock, mtd	1	0	0	0	0	0	1
31	J43027	Generator set, gas eng, 0.5 kw, 400 hz, 1 ph, AC 120/240V, skid shock, tac util	0	2	0	0	0	0	2
32	J43918	Generator set, gas eng, 1.5 kw, 60 hz, 1 ph, 2 wire, AC 120V, shock, tac util	6	1	2	16	5	3	33
33	J44055	Generator set, gas eng, 1.5 kw, DC 28V, shock, tac util	1	0	0	4	14	1	20
34	J45699	Generator set, gas eng, 3 kw, 60 hz, 1-3 ph, 120/240, 120/208V, skid, tac util	2	0	3	4	0	1	10
35	J45836	Generator set, gas eng, 3 kw, 400 hz, 1-3 ph, AC 120/208/240V, tac util	0	0	0	0	2	0	2
36	J46110	Generator set, gas eng, 3 kw, DC 28V, skid-shock, tblr frame mtd, tac util	7	1	1	3	2	3	17
37	J46384	Generator set, gas eng, tlr mtd, 3 kw, 60 hz, 2 ea, mtd on M101 PU-617	2	0	0	0	0	0	2
38	J47068	Generator set, gas eng, 5 kw, 60 hz, 1-3 ph, AC 120/240, 120/208V, skid, tac util	0	0	0	7	0	0	7
39	J47617	Generator set, gas eng, tlr mtd, 5 kw, 60 hz, 2 ea, mtd on M116 PU-620	0	0	0	0	1	0	1
40	J49055	Generator set, gas eng, 7.5 kw, DC 28 5V, whl mtd	1	0	0	0	0	0	1
41	J49398	Generator set, gas eng, 10 kw, 60 hz, 1-3 ph, AC 120/240, 120/208V, tac util	0	0	1	3	0	0	4
42	L64131	Light set, marker, emergency, airfield runway, ptbl, battery op	1	0	0	1	0	6	8
43	P96640	Pumping assembly, flammable liquid, bulk transfer	0	0	0	5	1	0	6
44	T10138	Shop equip, contact maint, trk mtd	0	0	1	1	0	0	2
45	U69083	Surveying instrument, azimuth, gyro lightweight (SIAGL)	0	0	0	0	1	0	1
46	V12141	Tank and pump unit, liquid dispensing, truck mounting	0	0	0	1	0	0	1
47	V19950	Tank unit, liquid dispensing, trailer mounting	0	0	1	1	0	0	2

Table 2–32. Summary of Equipment–Separate Light Infantry Brigade–Continued

1	2		3	4	5	6	7	8	9
1	*LIN*	*Nomenclature*	*HHC (77-102H)*	*Armd cav trp (17-117H)*	*Engr co (5-207H)*	*Spt bn (29-245H)*	*FA bn, 105-mm, towed (6-115H)*	*Inf bn (7-175H)*	*Bde total (77-100H)*
48	V71450	Test set, computer logic unit	0	0	0	0	1	0	1
49	W07838	Theodolite, survey, direct, 0.2 mil, w/tripod and carrying case	0	0	0	0	2	0	2
50	W32593	Shop equipment, auto maint and rep, OM common no 1, less power	1	1	1	1	4	2	10
51	W32730	Shop equipment, auto maint and rep, OM common no 2, less power	0	0	0	1	1	0	2
52	Y35486	Water purif equip set, trk mtd, diatomite filter, 1,500 GPH (Army)	0	0	1	0	0	0	1
		Class VIIG–Electronics							
53	B67423	Binocular, electronic, AN/PAS-5	0	0	17	0	0	0	17
54	C69541	Cable, telephone, WF-16/U	2	0	0	0	0	0	2
55	E58601	Command console, electronic, AN/ASC-15	1	0	0	0	0	0	1
56	N04730	Night vision sight, individual, servep, weapon, AN/PVS-2	0	28	10	0	0	78	116
57	N15518	Night vision sight, tripod mounted, AN/TVS-4	0	0	0	0	1	7	8
58	Q15414	Radar set, AN/MPQ-4, less power	0	0	0	0	1	0	1
59	Q32756	Radio set, AN/GRC-106	1	0	0	0	0	0	1
60	Q34308	Radio set, AN/GRC-160	11	11	12	0	16	34	84
61	Q37982	Radio set, AN/PRC-41	0	0	0	0	0	1	1
62	Q38296	Radio set, AN/PRC-74	0	0	0	0	0	5	5
63	Q38299	Radio set, AN/PRC-77	4	3	1	0	4	73	85
64	Q38335	Radio set, AN/PRC-90	22	0	0	0	0	0	22
65	Q45779	Radio set, AN/VRC-12	0	3	0	0	0	0	3
66	Q53001	Radio set, AN/VRC-46	9	8	1	6	17	0	41
67	Q54174	Radio set, AN/VRC-47	3	5	5	4	6	0	23
68	Q55114	Radio set, AN/VRC-49	1	0	0	1	5	1	8
69	Q56783	Radio set, AN/VRC-64	3	7	0	0	0	0	10
70	Q78282	Radio set, control group, AN/GRA-39	9	6	2	5	39	5	57
71	Q90120	Radio teletypewriter set, AN/GRC-142	0	0	0	0	1	0	1
72	Q91301	Radio teletypewriter set, AN/VSC-2	2	0	0	1	0	1	4
73	R29799	Receiver set, radio, AN/PRR-9	0	0	0	0	0	54	54
74	U81707	Switchboard, telephone, manual, SB-22/PT	2	1	0	6	7	3	19
75	V30252	Telephone set, TA-1/PT	9	0	12	0	8	78	107
76	V31211	Telephone set, TA-312/PT	36	9	8	60	109	47	269
77	V57914	Terminal, telegraph-telephone, AN/TCC-29	2	0	0	2	0	0	4
78	X17820	Transmitter set, radio, AN/PRT-4	0	0	0	0	0	54	54
		Class VIIK–Tactical Vehicles							
79	A93125	Armored reconnaissance airborne assault vehicle, full-tracked, 152-mm	0	6	0	0	0	0	6

Table 2–32. Summary of Equipment–Separate Light Infantry Brigade–Continued

1	2	3	4	5	6	7	8	9
1	*LIN*	*Nomenclature*	*HHC (77-102H)*	*Armd cav trp (17-117H)*	*Engr co (5-207H)*	*Spt bn (29-245H)*	*FA bn, 105-mm, towed (6-115H)*	*Inf bn (7-175H)*	*Bde total (77-100H)*
80	E02944	Chassis, trailer, 2½-ton trailing arm, 2-whl	0	0	0	1	0	0	1
81	S70517	Semitrailer, low bed, 25-ton, 4-whl, WE	0	0	2	0	0	0	2
82	W94030	Trailer, ammunition, 1½-ton, 2-whl, WE	0	0	0	0	16	0	16
83	W95400	Trailer, cargo, ¼-ton, 2-whl, WE	30	5	8	21	19	30	113
84	W95537	Trailer, cargo, ¾-ton, 2-whl, WE	3	0	0	0	4	0	7
85	W95811	Trailer, cargo, 1½-ton, 2-whl, WE	3	0	2	11	9	3	28
86	W98825	Trailer, tank, water, 400-gallon, 1½-ton, 2-whl, WE	1	1	1	3	4	5	15
87	X38961	Truck, ambulance, 1¼-ton, 6x6, WE	2	0	0	7	1	2	12
88	X39735	Truck, cargo, ¾-ton, 4x4, WE	0	0	0	2	6	0	8
89	X39940	Truck, cargo, 1¼-ton, 6x6, WE	12	6	0	20	10	16	64
90	X40009	Truck, cargo, 2½-ton, 6x6, WE	1	2	3	23	28	6	63
91	X40146	Truck, cargo, 2½-ton, 6x6, w/winch, WE	3	0	0	3	22	2	30
92	X40931	Truck, cargo, drop side, 5-ton, 6x6, w/winch, WE	0	0	1	0	0	0	1
93	X43297	Truck, dump, 2½-ton, 6x6, WE	0	0	16	0	0	0	16
94	X43434	Truck, dump, 2½-ton, 6x6, w/winch, WE	0	0	2	0	0	0	2
95	X55627	Truck, platform, utility, ½-ton, 4x4, WE	0	0	0	1	0	0	1
96	X57271	Truck, tank, fuel servicing, 2½-ton, 6x6, WE	3	0	0	0	0	0	3
97	X59874	Truck, tractor, 10-ton, 6x6, w/midship winch, w/low mtd 5th whl, WE	0	0	2	0	0	0	2
98	X60833	Truck, utility, ¼-ton, 4x4, WE	35	22	8	23	34	18	140
99	X62340	Truck, van, shop, 2½-ton, 6x6, WE	0	0	0	1	0	0	1
100	X63299	Truck, wrecker, 5-ton, 6x6, w/winch, WE	0	0	0	2	1	0	3
		Class VIIL–Missiles							
101	G22933	Display set, target alert data (FAAR)	5	0	0	0	5	6	16
102	L45740	Launcher, tubular, guided missile (TOW)	0	0	0	0	0	18	18
103	X45317	Truck, guided missile (TOW)	0	0	0	0	0	18	18
104	X45549	Truck, guided missile equipment, jeep (TOW)	0	0	0	0	0	18	18
		Class VIIM–Weapons							
105	A22496	Aiming circle	0	1	0	0	9	5	15
106	E76866	Computer, gun direction	0	0	0	0	1	0	1
107	K57392	Howitzer, light, towed, 105-mm	0	0	0	0	18	0	18
108	L44595	Launcher, grenade, 40-mm, single shot rifle, mtd detachable, WE	12	20	20	5	18	73	148
109	L45123	Launcher, rocket, multiple, 115-mm	0	0	0	0	3	0	3
110	L45250	Launcher, rocket, 66-mm, 4-tube	0	3	0	0	0	9	12
111	L91838	Machinegun, cal .50, hb, flexible, vehicle mtd	0	7	0	1	0	0	8
112	L92386	Machinegun, 7.62-mm, light, flexible	2	19	7	8	29	20	85
113	M68008	Mortar, 81-mm, on mount	0	3	0	0	0	13	16
114	M75714	Mount, tripod, machinegun, 7.62-mm	2	19	7	8	29	20	85
115	N92364	Periscope, battery, command	0	0	0	0	2	0	2

Table 2–32. Summary of Equipment–Separate Light Infantry Brigade–Continued

1	2	3	4	5	6	7	8	9
1 *LIN*	*Nomenclature*	*HHC (77-102H)*	*Armd cav trp (17-117H)*	*Engr co (5-207H)*	*Spt bn (29-245H)*	*FA bn, 105-mm, towed (6-115H)*	*Inf bn (7-175H)*	*Bde total (77-100H)*
116 N96741	Pistol, cal .45, automatic	34	33	2	35	19	132	255
117 R12989	Range finder, fire control, WE (laser)	0	3	0	0	9	0	12
118 R91107	Revolver, cal .38, 2-in barrel	1	0	0	0	0	0	1
119 R91244	Revolver, cal .38, special, 4-in barrel	21	0	0	0	0	0	21
120 R94977	Rifle, 5.56-mm, WE	191	111	168	414	458	683	2,025
121 U56346	Submachinegun, cal .45	0	14	0	2	0	0	16
	Class VIIQ–Combat Vehicles							
122 R50544	Recovery vehicle, full tracked, light, armored	0	1	0	1	0	0	2
	Class VIIQ–Marine Equipment							
123 B94404	Boat, reconnaissance, pneumatic, 3-man	0	0	0	3	0	0	3
	Class VIIU–COMSEC Materiel							
124 E45766	Code changer key, KIK-18/TSEC	4	0	0	0	0	0	4
125 E45820	Code changer key, KYK-29/TSEC	7	1	1	2	5	6	22
126 H02300	Electronic teletypewriter security equipment, TSEC/KW-7	4	0	0	3	1	1	9
127 P43177	Power supply assembly, vehicular, Z-ACD	4	3	2	2	14	1	26
128 U01295	Speech security equipment, airborne, TSEC/KY-28	14	0	0	0	0	0	14
129 U01305	Speech security equipment, TSEC/KY-38	4	3	2	2	14	12	37
130 V02721	Tactical digital regenerative repeater portable, HYL-3/TSEC	0	0	0	0	5	1	6
	Class VIIW–Ground: Construction and MHE							
131 G34805	Dolly set, lift, transportable shelter, 2½-ton	0	0	0	8	0	0	8
132 J74852	Grader, road, motorized, dsl drvn, heavy, 6x4, front-whl steer	0	0	2	0	0	0	2
133 W76816	Tractor, full-tracked, low speed, dsl, medium, dbp w/bulldozer, w/scarif winch	0	0	2	0	0	0	2
134 X48914	Truck, lift, fork, dsl drvn, 6,000-lb cap, rough terrain	0	0	0	1	0	0	1
135 X51928	Truck, lift, fork, gas pt, 6,000-lb, rough terrain	0	0	0	3	0	0	3

Table 2—33. Summary of Equipment—Separate Airborne Brigade

1	2	3	4	5	6	7	8	9
1	*LIN*	*Nomenclature*	*HHC (57-102H)*	*Armd cav trp (17-127H)*	*Engr co (5-137H)*	*Spt bn (29-105H)*	*FA bn, 105-mm, towed (6-205H)*	*Inf bn (7-35H)*	*Bde total (57-100H)*
		Class IIA—Air							
2	M02470	Maintenance platform, hydraulic adjustable to 10 ft high, 44½-in wide	1	0	0	0	0	0	1
3	M02504	Maintenance platform, hydraulic adjustable type, 3 to 7 ft high	1	0	0	0	0	0	1
		Class IIB—Troop Support							
4	H52010	Filter-separator, liquid fuel, 100 GPM 75 PSI, 2-in inlet, 2-in outlet	0	0	0	2	0	0	2
5	K39774	Hoisting unit, truck, mounting, org maint set no 7	1	0	0	0	0	0	1
6	L64542	Light set, operational area, aircraft, ½ kw, heliport (Army)	1	0	0	0	0	0	1
7	W32867	Shop equipment, auto maint and rep, org sup no 1, less power	1	1	1	3	1	1	8
		Class IIE—General Supply							
8	G68966	Drum, fabric, collapsible, liquid fuel, 500-gal capacity	0	0	1	12	2	5	20
		Class IIG—Electronics							
9	C68719	Cable, telephone, WO-1/TT, OR-8 1,320-ft	32	16	19	17	44	118	246
10	C68856	Cable, telephone, WD-1/TT, RL-159/U, 5,280-ft	36	0	4	9	8	16	73
11	C68993	Cable, telephone, WD-1/TT, 2 cond, field wire	20	0	4	3	44	69	140
12	R30662	Receiver-transmitter, control group, AN/GRA-6	2	0	0	0	1	0	3
13	U82529	Switchboard, telephone, manual, SB-993/GT	0	0	5	0	0	8	13
14	V30937	Telephone set, TA-264/PT	0	0	0	0	1	0	1
		Class VIIA—Air							
15	K31042	Helicopter, observation, OH-58A	8	0	0	0	0	0	8
16	K31795	Helicopter, utility, UH-1H	3	0	0	0	0	0	3
17	W62611	Tool set, aviation unit maint set no 1, ambl	1	0	0	0	0	0	1
18	X23227	Transporter, ambl, hydraulic lift, for shelter and X-4 container	1	0	0	0	0	0	1
		Class VIIB—Troop Support							
19	E68694	Compressor, rcp, power drvn, air rec, AC 208-416V, 60 cy, 3 ph, 15 CFM, 175 PSI	0	0	0	1	0	0	1
20	E69105	Compressor, rcp, power drvn, air rec, gas drvn, 5 CFM, 175 PSI	0	0	0	1	0	0	1
21	E70064	Compressor, rcp, power drvn, trk, 2-whl, pneu tires, gas drvn, 5 CFM, 175 PSI	1	1	1	3	1	2	9
22	E70201	Compressor, rcp, power drvn, trk, 2-whl, pneu tires, gas drvn, 8 CFM, 175 PSI	1	0	0	0	0	0	1

Table 2–33. Summary of Equipment–Separate Airborne Brigade–Continued

1	2	3	4	5	6	7	8	9
1	*LIN*	*Nomenclature*	*HHC (57-102H)*	*Armd cav trp (17-127H)*	*Engr co (5-137H)*	*Spt bn (29-105H)*	*FA bn, 105-mm, towed (6-205H)*	*Inf bn (7-35H)*	*Bde total (57-100H)*
23	F43077	Crane, whl mtd, 7-ton, w/boom crane, 24-ft, w/block and tackle, 9-ft	0	0	0	1	0	0	1
24	G02204	Detecting set, mine, ptbl metallic and nonmetallic	0	3	13	2	4	4	26
25	G02341	Detecting set, mine, ptbl metallic (AN/PSS-11)	0	3	10	2	4	8	27
26	H94824	Forward area refueling equipment, (FARE)	2	0	0	2	0	0	4
27	J35835	Generator set, dsl eng, 15 kw, 60 hz, 3 ph, AC 120/208 240/416V, skid, tac util	0	0	0	1	0	0	1
28	J42100	Generator set, gas eng, 10 kw, 60 cy, 1 ph, AC 120/240V PU-619/M	0	0	0	2	0	0	2
29	J42976	Generator set, gas eng, 0 5 kw, 60 cy, 1 ph, AC 120/240V, shock, mtd	1	0	0	1	0	0	2
30	J43027	Generator set, gas eng, 0.5 kw, 400 hz, 1 ph, AC 120/240V, skid-shock, tac util	0	2	0	0	0	2	4
31	J43918	Generator set, gas eng, 1.5 kw, 60 hz, 1 ph, 2 wire, AC 120V, shock, tac util	6	1	2	9	2	2	22
32	J44055	Generator set, gas eng, 1.5 kw, DC 28V, shock, tac util	1	0	1	2	13	0	17
33	J45699	Generator set, gas eng, 3 kw, 60 hz, 1-3 ph, AC 120/240 120/208V, skid, tac util	2	0	2	4	0	0	8
34	J45836	Generator set, gas eng, 3 kw, 400 hz, 1-3 ph, 120/208/240V, tac util	0	0	0	1	2	0	3
35	J46110	Generator set, gas eng, 3 kw, DC 28V, skid-shock tblr frame mtd, tac util	5	1	1	3	1	4	15
36	J46384	Generator set, gas eng, tlr mtd, 3 kw, 60 hz, 2 ea, mtd on M101 PU-617	1	0	0	1	0	0	2
37	J47068	Generator set, gas eng, 5 kw, 60 hz, 1-3 ph, AC 120/240 120/208V, skid, tac util	0	0	0	5	0	0	5
38	J49055	Generator set, gas eng, 7.5 kw, DC 28.5V, whl mtd	1	0	0	0	0	0	1
39	J49398	Generator set, gas eng, 10 kw, 60 hz, 1-3 ph, AC 120/240 120/208V, tac util	0	0	0	4	0	0	4
40	L64131	Light set, marker, emergency, airfield runway, ptbl, battery op	1	0	0	1	0	0	2
41	P91756	Pump cntrf, gas drvn, frame mtd, 1½-in, 65 GPM, 50-ft hd	0	0	1	0	0	0	1
42	P96640	Pumping assembly, flammable liquid, bulk transfer	0	0	1	0	1	0	2
43	U69083	Surveying instrument, azimuth gyro, lightweight (SIAGL)	0	0	0	0	1	0	1
44	V12141	Tank and pump unit, liquid dispensing, truck mounting	1	0	0	2	0	0	3
45	V19950	Tank unit, liquid dispensing, trailer mounting	0	0	0	2	0	0	2
46	V71450	Test set, computer logic unit	0	0	0	0	1	0	1

Table 2—33. Summary of Equipment—Separate Airborne Brigade—Continued

1	2	3	4	5	6	7	8	9
1	*LIN*	*Nomenclature*	*HHC (57-102H)*	*Armd cav trp (17-127H)*	*Engr co (5-137H)*	*Spt bn (29-105H)*	*FA bn, 105-mm, towed (6-205H)*	*Inf bn (7-35H)*	*Bde total (57-100H)*
47	W07838	Theodolite, survey, direct, 0.2 mil, w/tripod and carrying case	0	0	0	0	2	0	2
48	W32593	Shop equipment, auto maint and rep, OM common no 1, less power	1	1	1	3	1	2	9
49	Y35143	Water purif equip set, diatomite, filter, 420 GPH	0	0	1	0	0	0	1
		Class VIIG—Electronics							
50	B67423	Binocular, electronic, AN/PAS-5	0	0	14	0	0	0	14
51	C69541	Cable, telephone, WF-16/U	2	0	0	0	0	0	2
52	N04730	Night vision sight, individual servep, weapon, AN/PVS-2	0	29	10	0	0	83	122
53	N15518	Night vision sight, tripod mounted, AN/TVS-4	0	0	0	0	0	9	9
54	Q32756	Radio set, AN/GRC-106	1	0	0	0	1	0	2
55	Q34308	Radio set, AN/GRC-160	11	11	0	0	23	22	67
56	Q38299	Radio set, AN/PRC-77	4	3	13	0	12	68	100
57	Q38335	Radio set, AN/PRC-90	22	0	0	0	0	0	22
58	Q45779	Radio set, AN/VRC-12	0	3	0	0	0	0	3
59	Q53001	Radio set, AN/VRC-46	8	8	4	5	14	10	49
60	Q54174	Radio set, AN/VRC-47	3	5	3	3	2	15	31
61	Q55114	Radio set, AN/VRC-49	1	0	0	1	1	1	4
62	Q56783	Radio set, AN/VRC-64	4	7	0	0	0	0	11
63	Q78282	Radio set, control group, AN/GRA-39	9	6	2	2	21	16	56
64	Q90120	Radio teletypewriter set, AN/GRC-142	0	0	0	0	1	0	1
65	Q91301	Radio teletypewriter set, AN/VSC-2	2	0	0	1	0	1	4
66	R29799	Receiver set, radio, AN/PRR-9	0	0	0	0	0	54	54
67	U81707	Switchboard, telephone, manual, SB-22/PT	2	1	0	4	6	7	20
68	U82255	Switchboard, telephone, manual, SB-86/P	1	0	0	1	0	0	2
69	V30252	Telephone set, TA-1/PT	9	0	12	0	16	73	110
70	V31211	Telephone set, TA-312/PT	36	9	8	57	90	63	263
71	V57914	Terminal, telegraph-telephone, AN/TCC-29	2	0	0	2	0	0	4
72	X17820	Transmitter set, radio, AN/PRT-4	0	0	0	0	0	54	54
		Class VIIK—Tactical Vehicles							
73	A93125	Armored reconnaissance airborne-assault vehicle, full-tracked, 152-mm	0	6	0	0	0	0	6
74	L76351	Loader, scoop type, dsl drvn, 4-whl, 1½-cu yd	0	0	1	0	0	0	1
75	S72024	Semitrailer, stake, 12-ton, 4-whl, WE	0	0	0	1	0	0	1
76	W95400	Trailer, cargo, ¼-ton, 2-whl, WE	26	5	5	24	4	34	98
77	W95537	Trailer, cargo ¾-ton, 2-whl, WE	0	0	0	0	43	7	50
78	W95811	Trailer, cargo 1½-ton, 2-whl, WE	2	0	1	5	0	1	9
79	W98825	Trailer, tank, water, 400-gal, 1½-ton, 2-whl, WE	1	1	1	4	0	4	11

Table 2–33. Summary of Equipment–Separate Airborne Brigade–Continued

1	2	3	4	5	6	7	8	9
1	*LIN*	*Nomenclature*	*HHC (57-102H)*	*Armd cav trp (17-127H)*	*Engr co (5-137H)*	*Spt bn (29-105H)*	*FA bn, 105-mm, towed (6-205H)*	*Inf bn (7-35H)*	*Bde total (57-100H)*
80	X38961	Truck, ambulance, 1¼-ton, 6x6, WE	2	0	0	7	1	3	13
81	X39735	Truck, cargo, ¼-ton, 4x4, WE	0	0	0	1	0	0	1
82	X39940	Truck, cargo, 1¼-ton, 6x6, WE	15	6	12	32	69	13	147
83	X40009	Truck, cargo, 2½-ton, 6x6, WE	2	2	1	6	0	5	16
84	X40146	Truck, cargo, 2½-ton, 6x6, w/winch, WE	1	0	0	4	0	0	5
85	X43297	Truck, dump, 2½-ton, 6x6, WE	0	0	6	0	0	0	6
86	X43434	Truck, dump, 2½-ton, 6x6, w/winch, WE	0	0	1	0	0	0	1
87	X55627	Truck, platform, utility, ½-ton, 4x4, WE	3	0	9	1	0	26	39
88	X59326	Truck, tractor, 5-ton, 6x6, WE	0	0	0	1	0	0	1
89	X60833	Truck, utility, ¼-ton, 4x4, WE	31	22	5	25	4	29	116
90	X61244	Truck, utility, ¼-ton, 4x4, carrier for 106-mm rifle, WE	0	0	0	0	0	8	8
91	X62340	Truck, van, shop, 2½-ton, 6x6, WE	0	0	0	1	0	0	1
92	X63094	Truck, wrecker, ¾-ton, 4x4, WE	0	0	0	1	0	0	1
		Class VIIL–Missiles							
93	G22933	Display set, target alert data (FAAR)	5	0	0	0	4	6	15
94	L45740	Launcher, tubular, guided missile (TOW)	0	0	0	0	0	6	6
95	X45317	Truck, guided missile (TOW)	0	0	0	0	0	6	6
96	X45549	Truck, guided missile equipment, jeep (TOW)	0	0	0	0	0	6	6
		Class VIIM–Weapons							
97	A22496	Aiming circle	0	1	0	0	8	5	14
98	E76866	Computer, gun direction	0	0	0	0	1	0	1
99	K57392	Howitzer, light, towed, 105-mm	0	0	0	0	18	0	18
100	L44595	Launcher, grenade, 40-mm, single shot rifle, mtd, detachable WE	11	20	22	13	45	75	186
101	L45250	Launcher, rocket, 66-mm, 4-tube	0	3	0	0	0	6	9
102	L91838	Machinegun, cal .50 hb, flexible, vehicle mtd	0	7	0	0	0	0	7
103	L92386	Machinegun, 7.62-mm, light, flexible	2	19	4	15	25	26	91
104	M68008	Mortar, 81-mm, on mount	0	3	0	0	0	9	12
105	M68282	Mortar, 4.2-in, on mount	0	0	0	0	0	4	4
106	M75714	Mount, tripod, machinegun, 7.62-mm	2	19	4	15	25	26	91
107	N82364	Periscope, battery, command	0	0	0	0	0	1	1
108	N96741	Pistol, cal .45, automatic	34	33	1	33	16	119	236
109	R12989	Range finder, fire control, WE (laser)	0	3	0	0	0	0	3
110	R91107	Revolver, cal .38, 2-in barrel	1	0	0	0	0	0	1
111	R91244	Revolver, cal .38, special, 4-in barrel	21	0	0	0	0	0	21
112	R94977	Rifle, 5.56-mm, WE	184	111	152	514	415	657	2,033
113	R96758	Rifle, recoilless, 106-mm, on mount	0	0	0	0	0	8	8
114	U56346	Submachinegun, cal .45	0	14	0	0	0	0	14

Table 2–33. Summary of Equipment–Separate Airborne Brigade–Continued

1	2	3	4	5	6	7	8	9
1	*LIN*	*Nomenclature*	*HHC (57-102H)*	*Armd cav trp (17-127H)*	*Engr co (5-137H)*	*Spt bn (29-105H)*	*FA bn, 105-mm, towed (6-205H)*	*Inf bn (7-35H)*	*Bde total (57-100H)*
		Class VIIO–Combat Vehicles							
115	R50544	Recovery vehicle, full-tracked, light, armored	0	1	0	0	0	0	1
		Class VIIQ–Marine Equipment							
116	B84404	Boat, reconnaissance, pneumatic, 3-man	0	0	3	0	0	0	3
		Class VIIU–COMSEC Materiel							
117	E45766	Code changer key, KIK-18/TSEC	4	0	0	0	0	0	4
118	E45820	Code changer key, KYK-28/TSEC	7	1	1	2	9	12	32
119	H02300	Electronic teletypewriter security equipment, TSEC/KWZ	5	0	0	3	1	1	10
120	P43177	Power supply assembly, vehicular, Z-ACD	5	3	2	3	16	17	46
121	U01295	Speech security equipment, airborne, TSEC/KY-28	11	0	0	0	0	0	11
122	U01305	Speech security equipment, TSEC/KY-38	5	3	2	3	16	17	46
123	V08721	Tactical digital, regenerative repeater, portable, HYL-3/TSEC	1	0	0	1	1	1	4
		Class VIIW–Ground: Construction and MHE							
124	G34805	Dolly set, lift, transportable shelter, 2½-ton	0	0	0	7	0	0	7
125	J74920	Grader, road, motorized, dsl drvn, 10,000-lb, 12-ft blade, w/lean front whl	0	0	2	0	0	0	2
126	J75239	Scraper, earth moving, grader mounting, hydraulic op	0	0	1	0	0	0	1
127	S10682	Roller, towed, vibrating, ded/gas, 1 drum, 5-ton	0	0	1	0	0	0	1
128	W76268	Tractor, full tracked, low speed, dsl, light dbp, sectionalized, air transportable w/att	0	0	2	0	0	0	2
129	W89557	Tractor, wheeled, warehouse, gas, 4,000-lb	0	0	0	1	0	0	1
130	X48914	Truck, lift, fork, dsl drvn, 6,000-lb cap, rough terrain	0	0	0	3	0	0	3
131	X49051	Truck, lift, fork, dsl drvn, 10,000-lb cap, rough	0	0	0	1	0	0	1

Table 2–34. Summary of Equipment–Air Cavalry Combat Brigade

1	2		3	4	5	6	7	8
1	*LIN*	*Nomenclature*	*HHT (17-202H)*	*Two atk hel bn (17-385H)*	*Air cav sqn (17-205H)*	*Sig co (11-59H)*	*Spt bn (29-155H)*	*Bde total (17-200H)*
		Class IIA–Air						
2	A21383	Aerial recovery kit for Army aircraft	0	0	0	0	3	3
3	M02470	Maintenance platform, hydraulic adjustable to 10-ft high, 44½-in wide	1	32	10	0	0	43
4	M02504	Maintenance platform, hydraulic, adjustable type, 3 to 7 ft high	1	32	10	0	2	45
		Class IIB–Troop Support						
5	L64542	Light set, operational area, aircraft, ½ kw, heliport (Army)	1	8	4	0	3	16
6	W32867	Shop equipment, auto maint and rep, org sup no 1, less power	1	0	4	1	4	10
7	Z13157	Card punch machine, ADPE	0	0	0	0	6	6
8	Z15494	Collator, ADPE	0	0	0	0	1	1
9	Z25208	Electronic computer, ADPE	0	0	0	0	1	1
10	Z35210	Interpreter, ADPE	0	0	0	0	1	1
11	Z74660	Sorter, ADPE	0	0	0	0	3	3
12	Z95673	Verifier, ADPE	0	0	0	0	3	3
		Class IIE–General Supply						
13	G68966	Drum, fabric, collapsible, liquid fuel, 500-gal capacity	3	114	21	0	18	156
		Class IIG–Electronics						
14	C68719	Cable, telephone, WO-1/TT, OR-8 1,320 ft	11	96	61	31	39	238
15	C68856	Cable, telephone, WD-1/TT, RL-159/U, 5,280-ft	0	32	0	8	11	51
16	C68993	Cable, telephone, WD-1/TT, 2 cond, field wire	0	0	15	0	0	15
17	R30662	Receiver-transmitter, control group, AN/GRA-6	0	8	5	3	0	16
		Class VIIA–Air						
18	K29660	Helicopter, attack, AH-1G	0	0	15	0	0	15
19	K30449	Helicopter, cargo, transport, CH-47C	0	0	0	0	16	16
20	K31042	Helicopter, observation, OH-58A	4	72	30	0	0	106
21	K31795	Helicopter, utility, UH-1H	5	26	28	0	2	61
22	T17093	Shop set, acft maint ambl, UH-1/OH-6, co size, DS	0	6	3	0	0	9
23	W62611	Tool set, aviation unit, maint set no 1, ambl	1	32	10	0	2	45
24	W93995	Trailer, acft maint, ambl, 4-whl, 30/48-in, trf rail system	0	0	0	0	6	6
25	X23227	Transporter, ambl, hydraulic lift, for shelter and X-4 container	1	22	11	0	3	37

Table 2–34. Summary of Equipment–Air Cavalry Combat Brigade–Continued

1	2	3	4	5	6	7	8
1	*LIN*	*Nomenclature*	*HHT (17-202H)*	*Two atk hel bn (17-385H)*	*Air cav sqn (17-205H)*	*Sig co (11-59H)*	*Spt bn (29-155H)*	*Bde total (17-200H)*
		Class VIIB–Troop Support						
26	E67735	Compressor, RCP, power drvn, base, AC 115V, 60 cy, 1 ph, 1.5 CFM, 50 PSI	0	0	0	0	1	1
27	E69242	Compressor, RCP, power drvn, air rec, gas drvn, 15 CFM, 175 PSI	0	2	0	0	5	7
28	E70064	Compressor, RCP, power drvn, trk, 2-whl, pneu, tires, gas drvn, 5 CFM, 175 PSI	1	0	4	1	3	9
29	E70201	Compressor, RCP, power drvn, trk, 2-whl, pneu tires, gas drvn, 8 CFM, 175 PSI	1	8	4	0	0	13
30	E70817	Compressor, RCP, power drvn, air whl, gas drvn, 4 CFM, 3,000 PSI	0	0	0	0	3	3
31	G02204	Detecting set, mine, ptbl, metallic and nonmetallic	0	0	1	1	3	5
32	G02341	Detecting set, mine, ptbl, metallic, (AN/PSS-11)	0	0	1	2	4	7
33	H94824	Forward area refueling equipment (FARE)	1	38	7	0	6	52
34	J04716	Fuel system, supply point, ptbl, 60,000-gal cap	0	0	0	0	3	3
35	J35492	Generator set, dsl eng, tlr mtd, 15 kw, 60 HZ, mtd on M200 PU-405	0	0	0	2	0	2
36	J35629	Generator set, dsl eng, tlr mtd, 60 kw, 60 HZ, mtd on M200 PU-650	0	0	0	0	2	2
37	J35835	Generator set, dsl eng, 15 kw, 60 HZ, 3 ph, AC 120/208 240/416V, skid, tac util	0	0	0	0	2	2
38	J36109	Generator set, dsl eng, 30 kw, 60 HZ, 3 ph, AC 120/208 240/416V, 50 HZ, tac util	0	0	0	0	2	2
39	J36383	Generator set, dsl eng, tlr mtd, 30 kw, 60 HZ, mtd on M200 PU-406	0	0	0	0	2	2
40	J38301	Generator set, dsl eng, 60 kw, 60 HZ, 3 ph, AC 120/208 240/416V, 50 Hz, tac util	0	0	0	0	2	2
41	J42100	Generator set, gas eng, tlr mtd, 10 kw, 60 cy, 1 ph, AC 120/240V, PU-619/M	0	0	0	2	0	2
42	J42685	Generator set, gas eng, 0 3 kw, AC 115V, 1 ph, 400 HZ, DC 24 to 35V	0	6	0	0	3	9
43	J42976	Generator set, gas eng, 0 5 kw, 60 cy, 1 ph, AC 120/240V, shock mtd	1	8	4	0	3	16
44	J43918	Generator set, gas eng, 1.5 kw, 60 HZ, 1 ph, 2 wire, AC 120V, shock, tac util	9	52	22	15	21	119
45	J44055	Generator set, gas eng, 1.5 kw, DC 28V, shock, tac util	0	4	0	0	1	5
46	J45699	Generator set, gas eng, 3 kw, 60 HZ, 1-3 ph, AC 120/240 120/208V, skid, tac util	1	2	0	0	1	4
47	J46110	Generator set, gas eng, 3 kw, DC 28V, skid-shock tbr frame mtd, tac util	2	10	9	7	10	38
48	J46258	Generator set, gas eng, tlr mtd, 3 kw, 60 HZ, 2 ea, mtd on M101 PU-628	0	0	0	2	0	2

Table 2–34. Summary of Equipment–Air Cavalry Combat Brigade–Continued

1	2		3	4	5	6	7	8
1			*HHT (17-202H)*	*Two atk hel bn (17-385H)*	*Air cav sqn (17-205H)*	*Sig co (11-59H)*	*Spt bn (29-155H)*	*Bde total (17-200H)*
49	J46384	Generator set, gas eng, tlr mtd, 3 kw, 60 HZ, 2 ea, mtd on M101 PU-617	0	0	0	1	0	1
50	J47068	Generator set, gas eng, 5 kw, 60 HZ, 1-3 ph, AC 120/240 120/208V skid, tac util	0	0	1	0	14	15
51	J47617	Generator set, gas eng, 5 kw, 60 HZ, 2 ea, mtd on M116 PU-620	0	4	2	2	0	8
52	J49055	Generator set, gas eng, 7.5 kw, DC 28.5V, whl mtd	1	32	10	0	5	48
53	J49398	Generator set, gas eng, 10 kw, 60 HZ, 1-3 ph, AC 120/240 120/208V, tac util	0	0	0	0	3	3
54	J49809	Generator set, gas eng, tlr mtd, 10 kw, 60 HZ, mtd on M101 PU-332	0	0	0	0	1	1
55	L64131	Light set, marker, emergency, airfield runway, ptbl, battery op	1	16	11	0	1	29
56	L85420	Lubricat-serv unit, power op trlr mtd, 15 cu ft, air compressor, gas drvn, wzd	0	0	0	0	1	1
57	T10138	Shop equip, contact maint, trk mtd	0	0	0	0	2	2
58	T10412	Shop equip, electronic repair, stlr mtd (Army)	0	0	0	0	1	1
59	V12141	Tank and pump unit, liquid dispensing, truck mounting	1	0	2	0	8	11
60	V19950	Tank unit, liquid dispensing tlr mounting	2	8	2	0	8	20
61	V71450	Test set, computer logic unit	0	0	0	0	1	1
62	W07701	Theodolite, survey, direct, 0.002-mil 30 porm, 5 power detachable tribrch	0	0	0	0	1	1
63	W32593	Shop equipment, auto maint and rep, OM common no 1, less power	1	0	4	1	4	10
64	W32730	Shop equipment, auto maint and rep, OM common no 2, less power	0	2	0	0	1	3
		Class VIIG–Electronics						
65	L60318	Light, beacon, MX-7301/TVN	0	2	5	0	8	15
66	N04730	Night vision sight, individual servep weapon, AN/PVS-2	0	0	24	0	3	27
67	Q32756	Radio set, AN/GRC-106	0	8	5	3	0	16
68	Q34308	Radio set, AN/GRC-160	4	0	4	0	6	14
69	Q38296	Radio set, AN/PRC-74	1	0	0	0	0	1
70	Q38299	Radio set, AN/PRC-77	1	6	33	0	15	55
71	Q38335	Radio set, AN/PRC-90	18	448	170	0	36	672
72	Q50421	Radio set, AN/VRC-24	2	8	1	0	0	11
73	Q53001	Radio set, AN/VRC-46	6	22	7	11	12	58
74	Q54174	Radio set, AN/VRC-47	7	26	20	0	7	60
75	Q55114	Radio set, AN/VRC-49	0	2	1	2	0	5
76	Q56783	Radio set, AN/VRC-64	2	2	2	0	2	8

Table 2–34. Summary of Equipment–Air Cavalry Combat Brigade–Continued

1	2	3	4	5	6	7	8
1	*LIN*	*Nomenclature*	*HHT (17-202H)*	*Two atk hel bn (17-385H)*	*Air cav sqn (17-205H)*	*Sig co (11-59H)*	*Spt bn (29-155H)*	*Bde total (17-200H)*
77	Q78282	Radio set, control group, AN/GRA-39	2	14	7	9	9	41
78	Q90120	Radio teletypewriter set, AN/GRC-142	0	4	2	2	0	8
79	Q92197	Radio terminal set, AN/MRC-127 less power	0	0	0	5	0	5
80	U81707	Switchboard, telephone, manual, SB-22/PT	0	10	5	2	7	24
81	V29156	Telephone, central office group, AN/MTC-10	0	0	0	1	0	1
82	V30252	Telephone set, TA-1/PT	8	0	23	0	0	31
83	V31211	Telephone set, TA-312/PT	1	104	39	102	69	315
84	V57914	Terminal, telegraph-telephone, AN/TCC-29	0	0	0	5	0	5
		Class VIIK–Tactical Vehicles						
85	E02670	Chassis, trailer, general purpose, 3½-ton, 2-whl, WE	0	0	0	0	2	2
86	E02807	Chassis, trailer generator, 2½-ton, 2-whl, WE	0	0	0	0	2	2
87	S70517	Semitrailer, low bed, 25-ton, 4 whl, WE	0	0	0	0	4	4
88	S72024	Semitrailer, stake, 12-ton, 4 whl, WE	0	0	0	0	30	30
89	S72983	Semitrailer, tank, fuel servicing, 5,000-gal, 12-ton, 4-whl, WE	0	0	0	0	6	6
90	S73531	Semitrailer, van, cargo, 6-ton, 2-whl, WE	0	0	0	0	1	1
91	S74490	Semitrailer, van, expansible, 6-ton, 4-whl (Army)	0	0	0	0	3	3
92	S74832	Semitrailer, van, repair parts storage, 6-ton, 4-whl, WE	0	0	0	0	3	3
93	S75175	Semitrailer, van, supply, 12-ton, 4-whl, WE	0	0	0	0	10	10
94	W94030	Trailer, ammunition, 1½-ton, 2-whl, WE	0	0	6	0	0	6
95	W95400	Trailer, cargo, ¼-ton, 2-whl, WE	13	24	22	2	24	85
96	W95537	Trailer, cargo, ¾-ton, 2-whl, WE	5	8	4	0	13	30
97	W95811	Trailer, cargo, 1½-ton, 2-whl, WE	7	70	30	1	44	152
98	W98825	Trailer, tank, water, 400-gal, 1½-ton, 2 whl, WE	1	8	4	0	5	18
99	X38776	Truck, ambulance, ¾-ton, 4x4, WE	0	2	0	0	2	4
100	X38961	Truck, ambulance, 1¼-ton, 6x6, WE	0	0	1	0	0	1
101	X39735	Truck, cargo, ¾-ton, 4x4, WE	9	30	6	0	26	71
102	X39883	Truck, cargo, 1¼-ton, 4x4, WE	0	0	0	1	0	1
103	X39940	Truck, cargo, 1¼-ton, 6x6, WE	0	0	12	14	0	26
104	X40009	Truck, cargo, 2½-ton, 6x6, WE	5	54	22	4	29	114
105	X40077	Truck, cargo, drop side, 2½-ton, 6x6, WE	0	0	0	0	2	2
106	X40146	Truck, cargo, 2½-ton, 6x6, w/winch, WE	3	4	6	1	6	20
107	X40283	Truck, cargo, 2½-ton, 6x6, XLWB, WE	0	12	0	0	0	12
108	X40794	Truck, cargo, drop side, 5-ton, 6x6, WE	0	0	0	0	13	13
109	X40831	Truck, cargo, 5-ton, 6x6, LW8, WE	0	0	3	0	4	7
110	X40931	Truck, cargo, drop side, 5-ton, 6x6, w/winch WE	0	0	0	0	1	1
111	X40968	Truck, cargo, 5-ton, 6x6, LWB w/winch, WE	0	0	3	0	0	3
112	X41310	Truck, cargo, 5-ton, 8x8, WE	0	0	3	0	0	3
113	X41615	Truck, cargo, 8-ton, 4x4, WE	0	0	3	0	9	12
114	X41653	Truck, cargo, 8-ton, 4x4, w/winch, WE	0	0	0	0	0	0

Table 2–34. Summary of Equipment–Air Cavalry Combat Brigade–Continued

1	2	3	4	5	6	7	8
1	*LIN*	*Nomenclature*	*HHT (17-202H)*	*Two atk hel bn (17-385H)*	*Air cav sqn (17-205H)*	*Sig co (11-59H)*	*Spt bn (29-155H)*	*Bde total (17-200H)*
115	X43708	Truck, dump, 5-ton, 6x6, WE	0	0	0	0	2	2
116	X55627	Truck, platform, utility, ½-ton, 4x4 WE	0	18	0	1	6	25
117	X57271	Truck, tank, fuel servicing, 2½-ton, 6x6, WE	0	0	6	0	0	6
118	X57408	Truck, tank, fuel servicing, 2½-ton, 6x6, w/winch, WE	0	0	6	0	0	6
119	X58078	Truck, tank, fuel servicing, 2,500-gal, 4x4, WE	0	0	0	0	3	3
120	X58093	Truck, tank, fuel servicing, 2,500-gal, 4x4, w/winch, WE	0	0	0	0	0	0
121	X59326	Truck, tractor, 5-ton, 6x6, WE	0	0	0	0	46	46
122	X59463	Truck, tractor, 5-ton, 6x6, w/winch, WE	0	0	0	0	3	3
123	X59874	Truck, tractor, 10-ton, 6x6, w/midship winch, w/low mtd 5th whl, WE	0	0	0	0	1	1
124	X60696	Truck, tractor, wrecker, 5-ton, 6x6, w/winch, WE	0	0	1	0	2	3
125	X60833	Truck, utility, ¼-ton, 4x4, WE	14	24	26	8	32	104
126	X62237	Truck, van, expansible, 5-ton, 6x6, WE	0	0	0	0	2	2
127	X62340	Truck, van, shop, 2½-ton, 6x6, WE	0	0	3	0	9	12
128	X63299	Truck, wrecker, 5-ton, 6x6, w/winch, WE	1	8	0	0	2	11
129	X63436	Truck, wrecker, 10-ton, 4x4, WE	0	0	1	0	0	1
		Class VIIL–Missiles						
130	G22933	Display set, target alert data (FAAR)	5	0	5	0	0	10
		Class VIIM–Weapons						
131	A89992	Armament subsystem, helicopter, 20-mm, automatic gun	0	0	9	0	0	9
132	A90118	Armament subsystem, helicopter, 7.62-mm, machine-gun, light, w/o weapons, WE	5	26	28	0	2	61
133	A90437	Armament subsystem, 7.62-mm, machinegun, 40-mm launcher, hi rate w/o wpns	0	126	27	0	0	153
134	L44174	Launcher, grenade, aircraft, 40-mm, left or right hand feed	0	126	27	0	0	153
135	L44595	Launcher, grenade, 40-mm, single shot rifle, mtd, detachable, WE	3	120	61	6	19	209
136	L45016	Launcher, rocket, aircraft, 2.75-in	0	168	24	0	0	192
137	L45063	Launcher, rocket, aircraft, 2.75-in, 19 tube (re-pairable)	0	84	30	0	0	114
138	L45250	Launcher, rocket, 66-mm, 4-tube	0	0	3	0	0	3
139	L91975	Machinegun, cal .50, H8, flexible, for ground use	4	0	28	0	0	32
140	L92260	Machinegun, 7.62-mm, aircraft, light, door mtd	10	52	56	0	40	158
141	L92323	Machinegun, 7.62-mm, six barrels	0	126	27	0	0	153
142	L92386	Machinegun, 7.62-mm, light, flexible	0	116	44	1	28	189
143	M75577	Mount, tripod, machinegun, heavy, cal .50	4	0	24	0	0	28
144	M75714	Mount, tripod, machinegun, 7.62-mm	0	44	14	1	28	87
145	N96741	Pistol, cal .45, automatic	0	0	13	1	7	21

Table 2—34. Summary of Equipment—Air Cavalry Combat Brigade—Continued

1	2	3	4	5	6	7	8
1 *LIN*	*Nomenclature*	*HHT (17-202H)*	*Two atk hel bn (17-385H)*	*Air cav sqn (17-205H)*	*Sig co (11-59H)*	*Spt bn (29-155H)*	*Bde total (17-200H)*
146 R91244	Revolver, cal .38, special, 4-in barrel	51	570	233	0	79	933
147 R94977	Rifle, 5.56-mm, WE	103	1,184	591	98	1,133	3,109
	Class VIIU—COMSEC Materiel						
148 E45766	Code changer key, KIK-18/TSEC	1	80	34	1	7	123
149 E45820	Code changer key, KYK-28/TSEC	5	88	40	5	11	149
150 H02300	Electronic teletypewriter security equipment, TSEC/KW-7	0	4	2	8	0	14
151 P43177	Power supply assembly, vehicular, Z-ACD	10	42	13	9	8	82
152 U01295	Speech security equipment, airborne, TSEC/KY-28	9	224	85	0	18	336
153 U01305	Speech security equipment, TSEC/KY-38	10	42	13	9	9	83
154 V08721	Tactical digital regenerative repeater, portable, HYL-3/TSEC	0	2	1	2	0	5
	Class VIIW—Ground: Construction and MHE						
155 F39172	Crane, wheel mtd, 3-ton	0	2	0	0	4	6
156 F39241	Crane, wheel mtd, 5-ton, dsl, 4x4, rough terrain, air sectionalized, transportable	0	0	0	0	1	1
157 L76693	Loader, scoop type, sectionalized, 2½-cu yd	0	0	0	0	2	2
158 W76268	Tractor, full tracked, low speed, dsl, light DBP, sectionalized, air transportable w/ATT	0	0	0	0	1	1
159 W89557	Tractor, wheeled, warehouse, gas, 4,000-lb	0	0	0	0	2	2
160 X48914	Truck, lift, fork, dsl drvn, 6,000 lb cap, rough terrain	0	2	8	0	21	31
161 X51928	Truck, lift, fork, gas pt, 6,000-lb rough terrain	0	6	0	0	1	7

Table 2–35. Summary of Equipment–Armored Cavalry Regiment (Equipped With ARAAV)

1	2	3	4	5	6	7
				Three armd		
		HHT	*Air cav*	*cav sqdns*		*Regt*
1	*LIN*	*Nomenclature*	*trp (17-52H)*	*(17-58H)*	*(17-55H) (1)*	*(3)*	*total (17-51H)*
		Class IIA–Air					
2	M02470	Maintenance platform, hydraulic, adjustable to 10-ft high, 44½-in wide	1	3	1	3	7
3	M02504	Maintenance platform, hydraulic, adjustable type, 3 to 7 ft high	1	3	1	3	7
		Class IIB–Troop Support					
4	L64542	Light set, operational area, acft, ½ kw, heliport (Army)	0	1	0	0	1
5	W32867	Shop equipment, auto maint and rep, org sup no 1, less power	1	1	4	12	14
		Class IIE–General Supply					
6	G68966	Drum, fabric, collapsible, liquid fuel, 500-gal, capacity	3	6	0	0	9
		Class IIG–Electronics					
7	C68719	Cable, telephone, WO-1/TT, OR-8, 1,320-ft	20	11	177	531	562
8	C68856	Cable, telephone, WD-1/TT, RL-159/U, 5,280-ft	20	0	7	21	41
9	C68993	Cable, telephone, WD-1/TT, 2 cond, field wire	20	0	30	90	110
10	R30662	Receiver-transmitter, control group, AN/GRA-6	2	0	1	3	5
		Class VIIA–Air					
11	K29660	Helicopter, attack, AH-1G	0	9	0	0	9
12	K31042	Helicopter, observation, OH-58A	2	10	2	6	18
13	K31795	Helicopter, utility, UH-1H	8	8	2	6	22
14	T17093	Shop set, acft maint, ambl, UH-1/OH-6, co size, DS	2	0	0	0	2
15	W62611	Tool set, aviation unit, maint set no 1, ambl	1	3	1	3	7
16	X23227	Transporter, ambl, hydraulic lift, for shelter and X-4 container	4	1	1	3	8
		Class VIIB–Troop Support					
17	E69242	Compressor, RCP, power drvn, air rec, gas drvn, 15 CFM, 175 PSI	0	0	1	3	3
18	E70064	Compressor, RCP, power drvn, trk, 2-whl, pneu tires, gas drvn, 5 CFM, 175 PSI	1	1	6	18	20
19	E70201	Compressor, RCP, power drvn, trk, 2-whl, pneu tires, gas drvn, 8 CFM, 175 PSI	1	1	1	3	5
20	G02204	Detecting set, mine, ptbl, metallic and nonmetallic	0	0	12	36	36
21	G02341	Detecting set, mine, ptbl, metallic (AN/PSS-11)	0	0	12	36	36
22	H94824	Forward area refueling equipment (FARE)	1	2	0	0	3
23	J42685	Generator set, gas eng, 0 3 kw, AC 115V, 1 ph, 400 HZ, DC 24 to 35V	1	0	0	0	1
24	J42976	Generator set, gas eng, 0.5 kw, 60 cy, 1 ph, AC 120/240V, shock mtd	0	1	0	0	1
25	J43027	Generator set, gas eng, 0.5 kw, 400 HZ, 1 ph, AC 120/240V, skid-shock, tac util	0	0	8	24	24
26	J43918	Generator set, gas eng, 1 5 kw, 60 HZ, 1 ph, 2-wire, AC 120V, shock, tac util	6	5	10	30	41
27	J44055	Generator set, gas eng, 1 5 kw, DC 28V, shock, tac util	0	1	2	6	7
28	J45836	Generator set, gas eng, 3 kw, 400 HZ, 1-3 ph, AC 120/208/240V, tac util	0	0	2	6	6
29	J46110	Generator set, gas eng, 3 kw, DC 28V skid-shock tblr frame mtd, tac util	1	1	7	21	23
30	J47617	Generator set, gas eng, tlr mtd, 5 kw, 60 HZ, 2 ea, mtd on M116 PU-620	1	1	0	0	2
31	J49055	Generator set, gas eng, 7.5 kw, DC 28 5V, whl mtd	1	3	1	3	7
32	L43664	Launch, M60 series, tank chassis, transporting 40 and 60 ft bridge, type cl 60	0	0	3	9	9
33	L64131	Light set, marker, emergency, airfield runway, ptbl, battery op	2	1	1	3	6
34	U69083	Surveying instrument, azimuth gyro, light weight (SIAGL)	0	0	1	3	3
35	V12141	Tank and pump unit, liquid dispensing, truck mounting	1	2	2	6	9
36	V19950	Tank unit, liquid dispensing, trailer mounting	1	2	2	6	9

Table 2–35. Summary of Equipment–Armored Cavalry Regiment (Equipped With ARAAV)–Continued

1	2	3	4	5	6	7
1	*LIN*	*Nomenclature*	*HHT (17-52H)*	*Air cav trp (17-58H)*	*Three armd cav sqdns (17-55H) (1)*	*(3)*	*Regt total (17-51H)*
37	V71450	Test set, computer logic unit	0	0	1	3	3
38	W07838	Theodolite, survey, direct 0.2 mil, w/tripod and carrying case	0	0	1	3	3
39	W32593	Shop equipment, auto maint and rep, OM common no 1, less power	1	1	6	18	20
40	W32730	Shop equipment, auto maint and rep, OM common no 2, less power	0	0	1	3	3
41	W65747	Tool set, vehicle, full-tracked, org maint sup no 2, less power	0	0	1	3	3
		Class VIIG–Electronics					
42	N04730	Night vision sight, individual, servep weapon, AN/PVS-2	4	8	110	330	342
43	N15518	Night vision sight, tripod mounted, AN/TVS-4	0	0	5	15	15
44	Q32756	Radio set, AN/GRC-106	1	0	5	15	16
45	Q34308	Radio set, AN/GRC-160	6	0	36	108	114
46	Q38299	Radio set, AN/PRC-77	2	11	11	33	46
47	Q38335	Radio set, AN/PRC-90	20	54	8	24	98
48	Q45779	Radio set, AN/VRC-12	0	0	31	93	93
49	Q50421	Radio set, AN/VRC-24	1	0	0	0	1
50	Q53001	Radio set, AN/VRC-46	6	0	36	108	114
51	Q54174	Radio set, AN/VRC-47	13	4	17	51	68
52	Q55114	Radio set, AN/VRC-49	1	0	2	6	7
53	Q56783	Radio set, AN/VRC-64	4	0	59	177	181
54	Q78282	Radio set, control group, AN/GRA-39	9	1	33	99	109
55	Q90120	Radio teletypewriter set, AN/GRC-142	1	1	0	0	2
56	U81707	Switchboard, telephone, manual, SB-22/PT	0	1	7	21	22
57	U82255	Switchboard, telephone, manual, SB-86/P	1	0	0	0	1
58	V30252	Telephone set, TA-1/PT	4	5	19	57	66
59	V31211	Telephone set, TA-312/PT	24	7	80	240	271
		Class VIIK–Tactical Vehicles					
60	A93125	Armored reconnaissance airborne assault vehicle, full-tracked, 152-mm	0	0	44	132	132
61	W94030	Trailer, ammunition, 1½-ton, 2-whl, WE	0	2	0	0	2
62	W95400	Trailer, cargo, ¼-ton, 2-whl, WE	17	3	20	60	80
63	W95537	Trailer, cargo, ¾-ton, 2-whl, WE	1	0	0	0	1
64	W95811	Trailer, cargo, 1½-ton, 2-whl, WE	12	8	21	63	83
65	W98825	Trailer, tank, water, 400-gal, 1½-ton, 2-whl, WE	1	1	6	18	20
66	X38961	Truck, ambulance, 1¼-ton, 6x6, WE	1	0	1	3	4
67	X39940	Truck, cargo, 1¼-ton, 6x6, WE	6	3	7	21	30
68	X40009	Truck, cargo, 2½-ton, 6x6, WE	9	10	24	72	91
69	X40146	Truck, cargo, 2½-ton, 6x6, w/winch, WE	0	0	1	3	3
70	X40931	Truck, cargo, drop side, 5-ton, 6x6, w/winch, WE	1	0	0	0	1
71	X41310	Truck, cargo, 5-ton, 8x8, WE	2	3	7	21	26
72	X41327	Truck, cargo, 5-ton, 8x8, w/winch, WE	0	0	1	3	3
73	X41615	Truck, cargo, 8-ton, 4x4, WE	0	0	11	33	33
74	X58078	Truck, tank, fuel servicing, 2,500-gal, 4x4, WE	0	0	4	12	12
75	X60833	Truck, utility, ¼-ton, 4x4, WE	24	3	35	105	132
76	X62340	Truck, van, shop, 2½-ton, 6x6, WE	2	1	0	0	3
77	X63299	Truck, wrecker, 5-ton, 6x6, w/winch, WE	1	1	0	0	2
78	X63436	Truck, wrecker, 10-ton, 4x4, WE	0	0	2	6	6
		Class VIIL–Missiles					
79	G22933	Display set target alert data (FAAR)	5	0	7	21	26
		Class VIIM–Weapons					
80	A22496	Aiming circle	0	0	6	18	18
81	A89820	Armament pod, aircraft, 7.62-mm machinegun, w/o weapon	0	6	0	0	6
82	A89992	Armament, subsystem, helicopter, 20-mm, automatic gun	0	4	0	0	4
83	A90118	Armament subsystem, helicopter, 7.62-mm machine-gun, light, w/o weapons, WE	0	8	0	0	8

Table 2–35. Summary of Equipment–Armored Cavalry Regiment (Equipped With ARAAV)–Continued

1	2	3	4	5	6	7
				Three armd		
			Air cav	*cav sqdns*		*Regt*
		HHT	*trp*	*(17-55H)*		*total*
1 *LIN*	*Nomenclature*	*(17-52H)*	*(17-58H)*	*(1)*	*(3)*	*(17-51H)*
84 A90437	Armament subsystem, helicopter, 7.62-mm, machine-gun, 40-mm, launcher, hi rate w/o weapons	0	9	0	0	9
85 E76866	Computer, gun direction	0	0	1	3	3
86 L44174	Launcher, grenade, aircraft, 40-mm left or right hand feed	0	9	0	0	9
87 L44575	Launcher, grenade, 40-mm	0	0	3	9	9
88 L44595	Launcher, grenade, 40-mm, single shot rifle, mtd, detachable, WE	6	19	71	213	238
89 L45016	Launcher, rocket, aircraft, 2.75-in	0	12	0	0	12
90 L45063	Launcher, rocket, aircraft, 2.75-in, 19-tube (repairable)	0	20	0	0	20
91 L45250	Launcher, rocket, 66-mm, 4-tube	0	1	10	30	31
92 L91838	Machinegun, cal 50, HB, flexible, vehicle mtd	3	0	93	279	282
93 L91975	Machinegun, cal .50, HB, flexible, for ground use	3	8	28	84	95
94 L92260	Machinegun, 7.62-mm, aircraft, light, door mtd	0	16	0	0	16
95 L92323	Machinegun, 7.62-mm, six barrels	0	15	0	0	15
96 L92386	Machinegun, 7 62-mm, light, flexible	6	14	11	33	53
97 M68282	Mortar, 4.2-in, on mount	0	0	9	27	27
98 M75577	Mount, tripod, machinegun, heavy, cal .50	3	8	40	120	131
99 M75714	Mount, tripod, machinegun, 7.62-mm	6	4	11	33	43
100 N82364	Periscope, battery, command	0	0	2	6	6
101 N96741	Pistol, cal .45, automatic	33	0	330	990	1,023
102 R12989	Range finder, fire control, WE (laser)	0	0	13	39	39
103 R91244	Revolver, cal .38, special, 4-in barrel	32	68	9	27	127
104 R94977	Rifle, 5.56-mm, WE	168	126	599	1,797	2,091
105 U56346	Submachinegun, cal .45	2	0	112	336	338
	Class VIIO–Combat Vehicles					
106 D10741	Carrier, 107-mm mortar, self-propelled (less mortar)	0	0	9	27	27
107 D11049	Carrier, cargo, tracked, 6-ton	0	0	6	18	18
108 D11401	Carrier, command and reconnaissance, armored	0	0	50	150	150
109 D11538	Carrier, command post, light, tracked	6	0	10	30	36
110 D12087	Carrier, personnel, full-tracked, armored	2	0	25	75	77
111 K57667	Howitzer, medium, self-propelled, 155-mm	0	0	6	18	18
112 R50544	Recovery vehicle, full-tracked, light, armored	1	0	5	15	16
113 R50681	Recovery vehicle, full-tracked, medium	0	0	1	3	3
	Class VIIU–COMSEC Materiel					
114 E45766	Code changer key, KIK-18/TSEC	3	11	1	3	17
115 E45820	Code changer key, KYK-28/TSEC	5	12	8	24	41
116 H02300	Electronic teletypewriter security equipment, TSEC/KW-7	3	1	2	6	10
117 P43177	Power supply assembly, vehicular, Z-ACD	7	2	21	63	72
118 U01295	Speech security equipment, airborne, TSEC/KY-28	10	27	4	12	49
119 U01305	Speech security equipment, TSEC/KY-38	7	2	21	63	72
120 V08721	Tactical digital regenerative repeater, portable, HYL-3/TSEC	1	0	2	6	7
	Class VIIW–Ground: Construction and MHE					
121 C20414	Bridge, armor veh, launch scissor type, cl 60, alum, 60-ft length of span	0	0	3	9	9
122 F39172	Crane, wheel mtd, 3-ton	1	0	0	0	1
123 X52476	Truck, lift, fork, gas pt, 10,000 lb, rough terrain	1	0	0	0	1

Table 2–36. Summary of Equipment–Armored Cavalry Regiment (Equipped With Main Battle Tank)

1	2	3	4	5	6	7
				Three armd		
1	*LIN*	*Nomenclature*	*HHT (17-52H)*	*Air cav trp (17-58H)*	*cav sqdns (17-55H)* (1)	(3)	*Regt total (17-51H)*
		Class IIA–Air					
2	M02470	Maintenance, platform, hydraulic, adjustable to 10-ft high, 44½-in wide	1	3	1	3	7
3	M02504	Maintenance platform, hydraulic, adjustable type, 3 to 7 ft high	1	3	1	3	7
		Class IIB–Troop Support					
4	L64542	Light set, operational area, acft, ½ kw, heliport (Army)	0	1	0	0	1
5	W32867	Shop equipment, auto maint and rep, org sup no 1, less power	1	1	4	12	14
		Class IIE–General Supply					
6	G68966	Drum, fabric, collapsible, liquid fuel, 500-gal, capacity	3	6	0	0	9
		Class IIG–Electronics					
7	C68719	Cable, telephone, WO-1/TT, OR-8 1,320-ft	20	11	177	531	562
8	C68856	Cable, telephone, WD-1/TT, RL-159/U, 5,280-ft	20	0	7	211	41
9	C68993	Cable, telephone, WD-1/TT, 2 cond, field wire	20	0	30	90	110
10	R30662	Receiver-transmitter, control group, AN/GRA-6	2	0	1	3	5
		Class VIIA–Air					
11	K29660	Helicopter, attack, AH-1G	0	9	0	0	9
12	K31042	Helicopter, observation, OH-58A	2	10	2	6	18
13	K31795	Helicopter, utility, UH-1H	8	8	2	6	22
14	T17093	Shop set, acft maint, ambl, UH-1/OH-6, co size, DS	2	0	0	0	2
15	W62611	Tool set, aviation unit maint set no 1, ambl	1	3	1	3	7
16	X23227	Transporter, ambl, hydraulic lift, for shelter and X-4 container	4	1	1	3	8
		Class VIIB–Troop Support					
17	E69242	Compressor, RCP, power drvn, air rec, gas drvn, 15 CFM, 175 PSI	0	0	1	3	3
18	E70064	Compressor, RCP, power drvn, trk, 2-whl, pneu tires, gas drvn, 5 CFM, 175 PSI	1	1	6	18	20
19	E70201	Compressor, RCP, power drvn, trk, 2-whl, pneu tires, gas drvn, 8 CFM, 175 PSI	1	1	1	3	5
20	G02204	Detecting set, mine, ptbl, metallic and nonmetallic	0	0	12	36	36
21	G02341	Detecting set, mine, ptbl, metallic (AN/PSS-11)	0	0	12	36	36
22	H94824	Forward area refueling equipment (FARE)	1	2	0	0	3
23	J42685	Generator set, gas eng, 0.3 kw, AC 115V, 1 ph, 400 HZ, DC 24 to 35V	1	0	0	0	1
24	J42976	Generator set, gas eng, 0.5 kw, 60 cy, 1 ph, AC 120/240V shock, mtd	0	1	0	0	1
25	J43027	Generator set, gas eng, 0.5 kw, 400 HZ, 1 ph, AC 120/240V, skid-shock, tac util	0	0	8	24	24
26	J43918	Generator set, gas eng, 1.5 kw, 60 HZ, 1 ph, 2-wire, AC 120V, shock, tac util	6	5	10	30	41
27	J44055	Generator set, gas eng, 1 5 kw, DC 28V, shock, tac util	0	1	2	6	7
28	J45836	Generator set, gas eng, 3 kw, 400 HZ, 1-3 ph, AC 120/208/240V, tac util	0	0	2	6	6
29	J46110	Generator set, gas eng, 3 kw, DC 28V shid-shock tblr frame, mtd tac util	1	1	7	21	23
30	J47617	Generator set, gas eng, tlr mtd, 5 kw, 50 HZ, 2 ea, mtd on M116 PU-620	1	1	0	0	2
31	J49055	Generator set, gas eng, 7.5 kw, DC 28.5V, whl mtd	1	3	1	3	7
32	L43664	Launch, M60 series, tank chassis transporting 40 and 60 ft bridge, type cl 60	0	0	3	9	9
33	L64131	Light set, marker, emergency, airfield runway, ptbl, battery op	2	1	1	3	6
34	U69083	Surveying instrument, azimuth gyro, lightweight, (SIAGL)	0	0	1	3	3
35	V12141	Tank and pump unit, liquid dispensing truck mounting	1	2	2	6	9

Table 2–36. Summary of Equipment–Armored Cavalry Regiment (Equipped With Main Battle Tank)–Continued

1	2	3	4	5	6	7
				Three armd cav sqdns (17-55H)		
1 LIN	*Nomenclature*	*HHT (17-52H)*	*Air cav trp (17-58H)*	(1)	(3)	*Regt total (17-51H)*
36 V19950	Tank unit, liquid dispensing, trailer mounting	1	2	2	6	9
37 V71450	Test set, computer logic unit	0	0	1	3	3
38 W07838	Theodolite, survey, direct 0.2 mil, w/tripod and carrying case	0	0	1	3	3
39 W32593	Shop equipment, auto maint and rep, OM common no 1, less power	1	1	6	18	20
40 W32730	Shop equipment, auto maint and rep, OM common no 2, less power	0	0	1	3	3
41 W65747	Tool set, vehicle, full-tracked, org maint sup no 2, less power	0	0	1	3	3
	Class VIIG–Electronics					
42 N04730	Night vision sight, individual, servep weapon, AN/PVS-2	4	8	66	198	210
43 N15518	Night vision sight, tripod mounted, AN/TVS-4	0	0	5	15	15
44 Q32756	Radio set, AN/GRC-106	1	0	5	15	16
45 Q34308	Radio set, AN/GRC-160	6	0	36	108	114
46 Q38299	Radio set, AN/PRC-77	2	11	11	33	46
47 Q38335	Radio set, AN/PRC-90	20	54	8	24	98
48 Q45779	Radio set, AN/VRC-12	0	0	31	93	93
49 Q50421	Radio set, AN/VRC-24	1	0	0	0	1
50 Q53001	Radio set, AN/VRC-46	6	0	36	108	114
51 Q54174	Radio set, AN/VRC-47	13	4	17	51	68
52 Q55114	Radio set, AN/VRC-49	1	0	2	6	7
53 Q56783	Radio set, AN/VRC-64	4	0	59	177	181
54 Q78282	Radio set, control group, AN/GRA-39	9	1	33	99	109
55 Q90120	Radio teletypewriter set, AN/GRC-142	1	1	0	0	2
56 U81707	Switchboard, telephone, manual, SB-22/PT	0	1	7	21	22
57 U82255	Switchboard, telephone, manual, SB-86/P	1	0	0	0	1
58 V30252	Telephone set, TA-1/PT	4	5	19	57	66
59 V31211	Telephone set, TA-312/PT	24	7	80	240	271
	Class VIIK–Tactical Vehicles					
60 W94030	Trailer ammunition, 1½-ton, 2-whl, WE	0	2	0	0	2
61 W95400	Trailer, cargo, ¼-ton, 2-whl, WE	17	3	20	60	80
62 W95537	Trailer, cargo, ¾-ton, 2-whl, WE	1	0	0	0	1
63 W95811	Trailer, cargo, 1½-ton, 2-whl, WE	12	8	21	63	83
64 W98825	Trailer, tank, water, 400-gal, 1½-ton, 2 whl, WE	1	1	6	18	20
65 X38961	Truck, ambulance, 1¼-ton, 6x6, WE	1	0	1	3	4
66 X39940	Truck, cargo, 1¼-ton, 6x6, WE	6	3	7	21	30
67 X40009	Truck, cargo, 2½-ton, 6x6, WE	9	10	24	72	91
68 X40146	Truck, cargo, 2½-ton, 6x6, w/winch, WE	0	0	1	3	3
69 X40931	Truck, cargo, drop side, 5-ton, 6x6, w/winch, WE	1	0	0	0	1
70 X41310	Truck, cargo, 5-ton, 8x8, WE	2	3	7	21	26
71 X41327	Truck, cargo, 5-ton, 8x8, w/winch, WE	0	0	1	3	3
72 X41615	Truck, cargo, 8-ton, 4x4, WE	0	0	11	33	33
73 X58078	Truck, tank, fuel servicing, 2,500 gal, 4x4, WE	0	0	4	12	12
74 X60833	Truck, utility, ¼-ton, 4x4, WE	24	3	35	105	132
75 X62340	Truck, van, shop, 2½-ton, 6x6, WE	2	1	0	0	3
76 X63299	Truck, wrecker, 5-ton, w/winch, WE	1	1	0	0	2
77 X63436	Truck, wrecker, 10-ton, 4x4, WE	0	0	2	6	6
	Class VIIL–Missiles					
78 G22933	Display set, target alert data (FAAR)	5	0	7	21	26
	Class VIIM–Weapons					
79 A22496	Aiming circle	0	0	6	18	18
80 A89820	Armament pod, aircraft, 7.62-mm, machinegun, w/o weapon	0	6	0	0	6
81 A89992	Armament subsystem, helicopter, 20-mm, automatic gun	0	4	0	0	4
82 A90118	Armament subsystem, helicopter, 7.62-mm machinegun, light, w/o weapons, WE	0	8	0	0	8
83 A90437	Armament subsystem, 7.62-mm, 40-mm launcher, hi rate, w/o weapons	0	9	0	0	9

Table 2–36. Summary of Equipment–Armored Cavalry Regiment (Equipped With Main Battle Tank)–Continued

1	2		3	4	5	6	7
					Three armd cav sqdns (17-55H)		
1	*LIN*	*Nomenclature*	*HHT (17-52H)*	*Air cav trp (17-58H)*	(1)	(3)	*Regt total (17-51H)*
84	E76866	Computer, gun direction	0	0	1	3	3
85	L44174	Launcher, grenade, aircraft, 40-mm left or right hand feed	0	9	0	0	9
86	L44595	Launcher, grenade, 40-mm, single shot rifle, mtd, detachable, WE	6	19	71	213	238
87	L45016	Launcher, rocket, aircraft, 2.75-in	0	12	0	0	12
88	L45063	Launcher, rocket, aircraft, 2.75 in, 19 tube (repairable)	0	20	0	0	20
89	L45250	Launcher, rocket, 66-mm, 4-tube	0	1	10	30	31
90	L91838	Machinegun, cal .50, HB, flexible vehicle mtd	3	0	49	147	150
91	L91975	Machinegun, cal .50, HB, flexible for ground use	3	8	28	84	95
92	L92260	Machinegun, 7.62-mm, aircraft, light, door mtd	0	16	0	0	16
93	L92323	Machinegun, 7.62-mm, six barrels	0	15	0	0	15
94	L92386	Machinegun, 7.62-mm, light, flexible	6	14	11	33	53
95	M68282	Mortar, 4.2-in, on mount	0	0	9	27	27
96	M75577	Mount, tripod, machinegun, heavy, cal .50	3	8	40	120	131
97	M75714	Mount, tripod, machinegun, 7.62-mm	6	4	11	33	43
98	N82364	Periscope, battery, command	0	0	2	6	6
99	N96741	Pistol, cal .45, automatic	33	0	330	990	1,023
100	R12989	Range finder, fire control, WE (laser)	0	0	13	39	39
101	R91244	Revolver, cal .38, special, 4-in barrel	32	68	9	27	127
102	R94977	Rifle, 5.56-mm, WE	168	126	602	1,806	2,100
103	U56346	Submachinegun, cal .45	2	0	112	336	338
		Class VIIO–Combat Vehicles					
104	D10741	Carrier, 107-mm, mortar, self-propelled (less mortar)	0	0	9	27	27
105	D11049	Carrier, cargo, tracked, 6-ton	0	0	6	18	18
106	D11401	Carrier, command and reconnaissance, armored	0	0	50	150	150
107	D11538	Carrier, command post, light, tracked	6	0	10	30	36
108	D12087	Carrier, personnel, full-tracked, armored	2	0	25	75	77
109	K57667	Howitzer, medium, self-propelled, 155-mm	0	0	6	18	18
110	R50544	Recovery vehicle, full-tracked, light, armored	1	0	1	3	4
111	R50681	Recovery vehicle, full-tracked, medium	0	0	5	15	15
112	V13101	Tank, combat, full-tracked, 105-mm gun	0	0	44	132	132
		Class VIIU–COMSEC Materiel					
113	E45766	Code changer key, KIK-18/TSEC	3	11	1	3	17
114	E45820	Code changer key, KYK-28/TSEC	5	12	8	24	41
115	H02300	Electronic teletypewriter security equipment, TSEC/KW-7	3	1	2	6	10
116	P43177	Power supply assembly, vehicular, Z-ACD	7	2	21	63	72
117	U01295	Speech security equipment, airborne, TSEC/KY-28	10	27	4	12	49
118	U01305	Speech security equipment, TSEC/KY-38	7	2	21	63	72
119	V08721	Tactical digital regenerative repeater, portable, HYL-3/TSEC	1	0	2	6	7
		Class VIIW–Ground: Construction and MHE					
120	C20414	Bridge, armor veh launch, scissor type, cl 60, alum, 60 ft length of span	0	0	3	9	9
121	F39172	Crane, wheel mtd, 3-ton	1	0	0	0	1
122	X52476	Truck, lift, fork, gas pt, 10,000 lb, rough terrain	1	0	0	0	1

Section V. OPERATIONAL FORCE REQUIREMENT PLANNING

2–7. Introduction

a. General. The number and types of units for employment in a given operation are determined by: The mission assigned to the force; the character, disposition, and capabilities of the enemy; the characteristics of the area of operations (to include terrain, climate, population, natural resources, and manmade works); and the availability of transportation, supplies, and equipment.

b. Basic steps in troop requirement planning.

(1) Determination of the functions or task to be performed

(2) Selection of operating unit with the required capability.

(3) Calculation of the number of operating units required.

(4) Provision of necessary command and control.

(5) Modification/Finalization of completed force requirements list.

2–8. Planning Procedures.

a. General. Troop requirement planning passes through three phases—estimation, calculation, and modification. The planner must accomplish the first phase, particularly in the case of the establishment of a new theater with few, if any, tangible figures. He develops each successive phase with more concrete and accurate data than was available in the preceding phase until a balanced troop list evolves.

b. Planning Phases.

(1) *Phase I planning—estimation.* The planner must accomplish the initial step in the development of troop requirements with little specific data—often he has no more than a brief statement of the overall strength of the force to be employed or the major combat forces that will form the basis of the force. The major combat forces might include divisions, fighter wings, or a carrier task group, around which the force is to be built. In either case, the planner will be able to develop an initial estimate or tentative troop list which will allow him to accomplish phase II and III planning calculation and modification, leading to a balanced, austere force which can accomplish its mission without further modification. The tentative troop list may be developed manually, using organizational data from this manual and FM 101—10—2, or through the use of automated force development systems, such as the Force Analysis Simulation of Theater Administrative and Logistics Support (FASTALS) computer model. The planner derives other data, such as gross supply requirements, in a similar manner. The selection of planning factors is critical. The margin of error in this phase of planning can be considerable and will depend, in part, on the accuracy of the planning factors used. The planner must exercise caution in the initial selection of support units and planning factors. Planning factors, such as the number of rounds per weapon per day for 155-millimeter howitzers or the number of pounds per man per day of class I (subsistence), can vary widely and must be selected with care to insure, to the extent possible, their applicability to the force being developed and the situation being planned for.

(2) *Phase II planning—calculation.*

(a) Phase II planning begins when the planner receives phase I estimates in the form of initial, tentative troop lists. From these initial lists, he can derive troop strengths and equipment lists for the force. The lists should be a reinforcement of the estimates used to initiate planning in phase I. The margin of error between these initial lists and those finally accepted will depend not only on the accuracy of the planning factors and guidance available to the troop requirement planners, but also on the force development skill of the individual planner. At the appropriate review level—corps, unified command, of JCS—force development officers should carefully examine lists of the arms and services to determine whether the lists comply with guidance provided in the campaign plan. In

cases where specialty strength requirements are largely dependent on total force strength, the reviewers should question any significant deviation from currently accepted percentages. However, environmental conditions, cultural development, and periods of time available for the buildup, to include force deployment and base development, are seldom identical in the different campaign plans. Certain types of troop strength requirements are highly sensitive to factors other than total force in the theater. For example, a given campaign plan indicates that peak requirements for logistic support operations will occur at a particular phase of the campaign. For instance, the peak requirement for logistic support might occur in conjunction with the initiation of an offensive action at D+90. The following narrative addresses the engineer construction requirement in support of this operation. Presumably, the airfields; roads; ports; terminals; and storage, maintenance, and other facilities needed to maintain the planned volume of logistic support will require approximately 12 construction-battalion-months to accomplish. If work were to start on D-day, four engineer construction battalions could do the work if they were available in the theater. However, if the battalions were scheduled for deployment into the theater at 10-day intervals starting at D+10 days, the task would require eight engineer CB's to accomplish the required work by D+90

(b) Each planner reviews the consolidated initial troop list and decides, based on the new information therein, whether his next revision will increase or decrease the force size and to what extent. The force development officers of the staff responsible for the review of the troop list should appraise each planner's predictions for accuracy and recalculate the first revised troop list accordingly. The force development officers responsible for the review of the troop list must then furnish this information to all other planners so that each will be aware of the direction and limits of applicable changes.

(c) When this information is available, the planners continue phase II planning by preparing revised estimates. They discard gross planning factors suitable only for initial estimates in favor of actual (or adjusted) troop strength and equipment density figures extracted from the initial lists. Also, at this time planners must insure that units are actually available for inclusion in the force list. Several revisions are made until a balanced force is obtained. Intelligent adjustment and careful prediction at each successive planning stage reduce the number of revisions necessary to arrive at a calculated, balanced troop list to complete the phase II force development effort.

(3) *Phase III planning—modification*

(a) The consolidated troop list produced in phase II provides a balanced force, each element of which can perform its mission without modification. The planner then applies modifications, adaptations, or alterations that policy, command direction, or conditions peculiar to the theater, such as host country agreements and interservice support agreements, dictate.

(b) For example, host country agreements should provide for maximum utilization of host country support during deployment and subsequent stages of the operations. Such support would include shared, or exclusive use by US Forces, of designated water and aerial ports, rail and highway networks, storage, administrative and other facilities, common supplies, services and labor. Interservice agreements may provide for one US service to provide certain common logistics support for another. The provisions of these agreements will cause the force planner to modify the force list in recognition of the support provided to US Forces by the host country and by one US military service to another service and to allies. The number and types of units to provide the required construction supply, transportation and other support and schedules for deployment will be affected by the types and amounts of support reduced, eliminated or added as the result of these agreements.

(c) Planners may be required to impose personnel ceilings on the combat service support elements. However, planners should not apply these ceilings until phase III as the reduction in strength may not be proportional for all Services or for all units within a Service. If the planner knows the full military strength required to accomplish a mission, he can better appraise the impact of a reduced strength and report these effects to the appropriate authority.

(d) The planner makes final distribution of troops by zone or area and determines the location of storage areas for contingency supplies and for other major installations in phase III.

CHAPTER 3
SUPPLY PLANNING DATA
(STANAG 2034)

Section I. GENERAL

3–1. Introduction

The functions of supply encompass requisitioning, procurement, storage, stock control, and distribution of items necessary for the equipment, maintenance, and operation of a military force, including food, clothing, equipment, arms, ammunition, fuel, materials, and machinery of all kinds.

3–2. Fundamentals of Supply

a. The supply system must be responsive, rapid in action, and simple in operation. It must be capable of adjusting to requirements of supported units and able to forecast and satisfy fluctuating demands.

b. Stocking of combat essential items during peacetime for wartime requirements is necessary to insure an adequate supply capability to sustain operations pending the establishment of wartime supply procedures or the reestablishment of normal peacetime supply channels.

c. Personnel and facilities receive, store, maintain, and distribute or issue supplies and equipment. Each level of supply distribution must respond to requirements by directing issue, calling supplies forward for delivery to user, or placing demands on the higher echelon for action, whichever is most appropriate.

d. The supply operations use automatic data processing equipment (ADPE) whenever possible plus an effective communication system to compile and transmit supply data and process management information.

3–3. Estimating Supply Requirements

The formulas given in table 3–1 are useful in estimating supply requirements when strengths to be supported and desired level of supplies are known. Requirements are stated in short tons (STON). Table 3–2 is an extract of FM 38–24, *Classes of Supply*, which provides the definition of the ten classes of supply and the subclasses. Table 3–3 provides consumption rates for each class of supply that may be used for planning purposes when more current factors are not available. It is recognized that these factors may vary considerably with the force structure, mission, areas of operations, and the intensity of combat.

Table 3–1. Estimating Supply Requirements

a. Supply requirements.

$$\text{STON} = \frac{\text{Strength supported} \times \text{Consumption rate} \times \text{Supply level (Days of supply)}}{2{,}000}$$

b. Daily resupply.

$$\text{STON} = \frac{\text{Average strength} \times \text{Consumption rate*} \times 1 \text{ Day}}{2{,}000}$$

c. Distribution of daily resupply.

$$\text{STON} = \frac{\text{Strength} \times \text{Consumption rate*} \times 1 \text{ Day}}{2{,}000}$$

*Consumption rates are to be expressed in pounds per man per day.

Table 3–1. Estimating Supply Requirements–Continued

d. Buildup of supply levels.

$$\text{STON} = \frac{\text{End strength} \times \text{Consumption rate} \times \text{End supply level (days)}}{2{,}000} \textit{ Minus } \frac{\text{Beginning strength} \times \text{Consumption rate} \times \text{Beginning supply level (days)}}{2{,}000}$$

e. Storage requirements.

$$\text{STON} = \frac{\text{End strength} \times \text{Consumption rate} \times \text{No of days stored}}{2{,}000}$$

Table 3–2. Ten Classes of Supply
(FM 38–24)

Classes of Supply Legend

CLASS I—Subsistence including gratuitous health and welfare items.
CLASS II—Clothing, individual equipment, tentage, tool sets and tool kits, handtools, administrative and housekeeping supplies and equipment. Includes items of equipment, other than principal items prescribed in authorization/allowance tables and items of supply (not including repair parts.)
CLASS III—POL. Petroleum fuels. lubricants, hydraulic and insulating oils, preservatives, liquid and compressed gases, chemical products, coolants, deicing and antifreeze compounds, together with components and additives of such products and coal.
CLASS IV—Construction: Construction materials to include installed equipment and all fortification/barrier materials.
CLASS V—Ammunition. Ammunition of all types (including special ammunition; i.e., chemical and nuclear), bombs, explosives, and mines, fuzes, detonators, pyrotechnics, missiles, rockets, propellants, and other associated items.
CLASS VI—Personal Demand Items (nonmilitary sales items).
CLASS VII—Major End Items: A final combination of end products which is ready for its intended use; (principal item), e.g., launchers, tanks, mobile machine shops, vehicles.
CLASS VIII—Medical material including medical peculiar repair parts.
CLASS IX—Repair parts and components to include kits, assemblies and subassemblies, reparable and nonreparable required for maintenance support of all equipment.
CLASS X—Materiel to support nonmilitary programs; e.g., Agriculture and Economic Development not included in classes I through IX.

Subclassifications of Supply Legend

A—Air (aviation, aircraft, airdrop equipment):
(Class I—Food packet, inflight, individual.)
(Class II—Items of supply and equipment in support of aviation/aircraft.)
(Class III—Petroleum and chemical products used in support of aircraft.)
(Class V—Munitions delivered by aircraft or aircraft weapon systems.)
(Class VII—Major end items of aviation equipment.)
(Class IX—Aircraft repair parts.)
B—Troop Support Materiel:
(Consists of such items as water purification sets, shower, bath, laundry, drycleaning and bakery equipment; sets, kits, and outfits (includes tool and equipment sets and shop/equipment sets for performing organization, direct support, general support and depot level maintenance operations); sensors and interior intrusion devices; topographic equipment/ and related topographic products as outlined in AR 115–11.)
C—Operational Rations:
(Includes the standard B ration which is used for mass feeding in areas where kitchen facilities, with the exception of refrigeration, are available and ration supplement sundries packs issued in conjunction with the standard B ration until normal PX facilities are provided.)
D—Commercial Vehicles:
(Includes wheeled vehicles authorized for use in administrative or tactical operations.)
E—General Supply Items:
(Includes administrative expendable supplies such as typewriter ribbons, paper, cleaning materials and other supplies normally referred to as office supplies. Also includes publications distributed through AG channels.)
F—Clothing and Textiles:
(Includes individual and organization items of clothing and equipment authorized in allowance tables and tentage/paulins authorized in TOE or other media.)

Table 3–2. Ten Classes of Supply–Continued

G–Communications/Electronics (C–E):
(Includes signal items such as radio, telephone, teletype, satellite, avionics, marine communications and navigational equipment; tactical and nontactical ADP; radar; photographic, audio visual and television equipment; electronic sensors, etc.)
H–Test, Measurement and Diagnostic Equipment (TMDE).
(Includes items of equipment used to determine the operating efficiency or diagnose incipient problems in systems, components, assemblies and subassemblies of Army used materiel.)
K–Tactical Vehicles:
(Includes trucks, truck tractors, trailers, semitrailers, personnel carriers, etc.)
L–Missiles:
(Classes II, VII and IX include guided missile and rocket systems such as Nike-Hercules, Hawk, Lance, Tow, and Dragon.)
(Class V includes guided missile ammunition items.)
M–Weapons.
(Includes small arms, artillery, fire control systems, rocket launchers, machineguns, air defense weapons, aircraft weapon subsystems, etc.)
N–Special Weapons:
(Class V–Includes nuclear and thermonuclear munitions.)
(Class VII–Includes weapon systems which deliver nuclear munitions.)
(Class IX–Includes repair parts for class VII–N.)
O–Combat Vehicles.
(Includes main battle tanks, recovery vehicles, self-propelled artillery, armored cars, tracked and half tracked vehicles, etc.)
P–Army Security Agency Materiel:
(Includes that materiel for which CG, US Army Security Agency, has responsibility. Normally authorized in classified authorization tables. Although ASA items are electronic they are identified separately because they do not follow the same supply and maintenance channels as subclass G.)
Q–Marine Equipment:
(Includes marine items of supply and equipment such as amphibious vehicles, landing craft, barges, tugs, floating cranes, dredges, etc.)
R–Refrigerated Subsistence.
(Consist of two categories of refrigeration–that which is required to be maintained at 0° F to keep frozen meals and foods for extended periods and that which is to be maintained at approximately 40° F to keep perishables, such as fruits, vegetables, and eggs, contained in A rations for shorter periods.)
S–Nonrefrigerated Subsistence.
(Includes items in standard B rations and nonperishable items in A rations.)
T–Industrial Supplies.
(Common supplies and repair parts such as shop stocks, hardware, and fabrication-type items generally having multiple usage and/or application. Such items are generally managed by DISC.)
U–COMSEC Material.
(This subclass is identified separately from subclass G because of specialized supply and maintenance functions performed through a dedicated COMSEC logistic system.)
W–Ground:
(Class I–Water–when delivered as a supply item.)
(Class III–Includes petroleum/chemical products and solid fuels used in support of ground and marine equipment.)
(Class V–Conventional munitions–consists of chemical, smoke, illuminating, incendiary, riot control and improved conventional munitions.)
(Classes II, VII and IX–Consist of construction/road building and materials handling equipment etc.)
X–In Class–indicates no subclass assigned.
Y–Railway Equipment:
(Includes rail items of supply and equipment such as locomotives, railcars, rails, rail joining and shifting equipment, etc.)
Z–Chemical.
(Classes II, VII and IX–include chemical items such as gas masks, decontaminators, and smoke generators.)
(Class V–Consists of chemical munitions.)
For class III the following subclasses also apply: 1–*Air,* Bulk Fuels (includes jet fuels and aviation gasolines, normally transported by pipeline, rail tank car, tank, truck, barge, coastal or ocean-going tankers and stored in a tank or container having a fill capacity greater than 500 gallons), 2–*Air,* Packaged Bulk Fuels (includes fuels in subclass 1 which, because of operational necessity are generally packaged and supplied in containers of 5- to 55-gallon capacity, except fuels in military collapsible containers of 500 gallons or less which also will be considered as packaged fuels), 3–*Air,* Packaged Petroleum Products (includes aircraft unique petroleum and chemical products consisting generally of lubricating oils, greases and specialty items normally packaged by the manufacturer and procured, stored, transported and issued in containers or packages of 55-gallon capacity or less), 4–*Ground,* Bulk Fuels (includes MOGAS, diesel, kerosene and heating oils, normally transported by pipeline, rail tank car, tank truck, barge, coastal or ocean going tankers and stored in a tank or container having a fill capacity greater than 500 gallons), 5–*Ground,* Packaged Bulk Fuels (includes ground bulk fuels which, because of operational necessity, are generally packaged and supplied in containers of 5- to 55-gallon capacity, except fuels in military collapsible containers of 500 gallons or less which also will be considered as packaged fuels), 6–*Ground,* Packaged Petroleum (includes petroleum and chemical products, generally lubricating oils, greases and specialty items normally packaged by the manufacturer and procured, stored, transported and issued in containers of 55-gallon capacity or less), 7–*Ground,* Solid Fuels (includes coal, coke heating tablets or bars, etc.).

Table 3–2. Ten Classes of Supply–Continued

For class VIII the following subclasses apply. 1–Controlled substances, 2–Taxfree alcohol, 3–Precious metal, 4–Nonexpendable medical items, not restricted, 5–Expendable medical items, not restricted, 6 through 9–Commander-designated controlled items, 0–USAMMA-controlled sensitive items.

NOTE: So far as possible Alpha subclass designations are synonymous with Commodity Manager Codes (CMC) contained in such publications as SB 700–20, Army Adopted and Other Items of Materiel Selected for Authorization and SB 700–40, War Reserve Stockage List (WARSL). Moreover, since the Army Master Data File (AMDF) is the prime item data source for Army-used items of supply and equipment, each item is currently being coded by Supply Categories of Materiel Code (SCMC) as prescribed in AR 708–1. Cataloging and Supply Management Data, and broadcast to the field through the Army Master Data File Retrieval Microform System (ARMS).

Table 3–3. Consumption Rates
(Pounds per man per day)

Classes of supply	*Consumption rate*	*Notes*
I	6.70	
II	3.26	
III	47.8	
IV	8.5	1.
V	31.29	2.
VI	3.2	4.
VII	4.27	
VIII	.35	
IX	1.52	
X	N/A	3.

NOTES:

1. In situations where the force is a corps or larger the 8.5 lb/man/day should be adjusted to allow for the buildup of stocks in support of base development. The following multiplication factors should be used to adjust consumption rates during these periods:

Period	*Factor*
D-day to D+30	2.4
D+31 to D+60	1.6
D+61 to D+90	1.6
D+91 to D+120	1.6
D+121 to D+150	1.4
D+151 to D+180	1.4
D+181 and after	1.0

2. The class V consumption rate is an average for general situations. If sufficient information is available to define periods of intense combat, these rates should be used:

Theater	*Rate (lb/man/day)*
Europe	
Intense	50.9
Sustaining	29.0
Pacific and other	
Intense	48.0
Sustaining	26.3

3. Consumption rate of class X has no meaning when based on military strength. Class X requirements should be developed based on the population, geographic location, and technological capabilities of the country involved.

4. The Ration Supplement Sundries Pack is the "frontline post exchange" for use with the 8 ration before normal facilities are provided. It consists of a tobacco pack, a toilet article pack, and a confection and stationery pack to meet the requirements of 100 men for one day. It is normally not issued with packaged operational rations, meals, or food packets since these generally contain an accessory pack which provides all accessory and comfort items critical to their use.

Section II. CLASS I AND II SUPPLY

3–4. Class I Supply

a. General. Class I supplies consist primarily of subsistence items. To reduce supply administration and physical handling of supplies, the class I system uses as few intermediate echelons as possible. Strength reports, with the addition of any special requirements, act as the triggering device to cause the shipping of class I supplies to general support activities. Issues to direct support activities are based on requests for specific type and quantity of rations required to support operations.

b. Weights and Cubes. Table 3–4 gives the characteristics of standard rations to include packaging information, weight per unit, and average calories per ration or unit.

Table 3–4. Characteristics of Standard Rations

1		2			3	4	5
		Packaging information*					
	Item	Contents per package or case	Gross weight per package or case (lb)	Volume per package or case (cu ft)	Average wt per unit, including packing (lb)	Average wt per meal/unit incl packaging (lb)	Average calories per ration or unit
1	Field ration A[1]				7.390	2.343	4,000+ per ration
2	Standard B ration[2] (Substitute B Ration)			.1164 per/ration (.1128)	3.792 (4.116)	1.264 (1.372)	4,000+ per ration (4,000+ per ration)
3	Meal, combat, individual[3]	12 meals	25.0	0.79	6.249	2.083	3,400 per meal
4	Food packet, long-range patrol[4]	40 packets	36	1.84	.69		1,100 per packet
5	Food packet, survival, general purpose[5]	24 packets	20	.43	.75		1,100 per packet
6	Ration supplement, sundries pack (1 pack per 100 men)[6]/per day	1	41.0	1.67			
7	Ration supplement, aid station (1 pack per 100 men)[7]	1	16.0	1.01			

[1]This is the basic field ration. It consists of such perishables as fresh and frozen meats, vegetables, and fruit. It is intended for use primarily under stable conditions and during static phases of military operations when normal cooking and refrigeration facilities are available.

[2]Same as the field ration, with nonperishables substituted for perishables. It is designed to be used where refrigeration facilities are lacking or are impracticable but where kitchen and cooking facilities are available (See SB 10–495).

[3]Designed for use as individual meals or in multiples of 3 for a complete ration. This meal is not to be used over extended periods.

[4]Issued to troops under special combat conditions where resupply may be uncertain. The principal menu component is dehydrated and may be eaten as is with drinking water or may be rehydrated rapidly with hot or cold water. Eight different menus are available.

[5]Contains four food bars, sugar, instant coffee, and soup and gravy base packed in a rectangular can with a key opener taped to it. Minimal recommended issue is one-half packet per man per day in hot climates and 1 packet per man per day in cold climates.

[6]Composed of items necessary to the health and comfort of troops; e.g., essentail toilet articles, tobacco, and confections that usually are obtained at an exchange. This packet is made available in TO's for issue, pending establishment of adequate service facilities.

[7]Designed for use at forward medical stations to provide combat casualties with hot, stimulating beverages which alleviate shock and contribute to patient comfort.

*Federal Supply Catalog C8900IL—Subsistence

3–5. Class II Supply

Class II supplies are secondary items of equipment authorized in allowance tables and items of supply including expendables and consumables. Class II items include clothing, individual equipment, tentage, organizational tool sets and tool kits, hand tools, and administrative and housekeeping supplies and equipment.

Section III. CLASS III AND IV SUPPLY

3–6. Class III Supply

a. General. Class III supplies consist of fuels and petroleum products. Class III items include petroleum and chemical products used in support of aircraft; petroleum products transported in tankers, cargo barges, etc.; packaged bulk fuels; package products such as lubricants, greases, and hydraulic fluids; and solid fuels such as coal and coke.

b. Weights, Volumes, and Conversion Factors. Table 3–5 contains weights, volumes, and conversion factors for petroleum products.

c. Estimating Liquid Fuel Requirements. Computations in tables 3–16 through 3–21 are based on the following major factors controlling liquid fuel requirements in military operations and the data provided in tables 3–6 through 3–15.

(1) *Displacement.* The average distance that each vehicle moves is determined by measuring the distance that the center of convoy moves. Administrative or march movements are computed based on available road nets. Movements under battle conditions are computed on the basis of selected organizational elements proceeding cross country. Tables 7–10 through 7–12 provide situationally dependent vehicle speeds, armored and mechanized division dry cargo movement distances and personnel movement distances which may be used to develop POL estimates. For planning, assume that cross-country battle fuel consumption is at a rate 2.5 times that given for road movements in the fuel data tables 3–16 through 3–21 and discussed in *f* below. In addition to the above cross-country consumption rate, situationally dependent combat vehicle POL planning factors for the M60 series of tanks and M113 armored personnel carriers are contained in table 7–2. Situationally or scenario dependent planning factors are useful for developing more refined estimates of POL requirements for known or assumed combat situations.

(2) *Supply.* During a displacement, certain vehicles of an organization must make round trip supply hauls. Since these hauls generally are made to supply points of varying distances from the organization, an average round trip supply distance must be determined. Experience indicates that daily requirements for supply hauls are about equal to 10 percent of the total organizational consumption per kilometer or displacement multiplied by the average round trip supply distance. When the organization is not on the move, supply haul requirements are included in the composite requirement described in *e* below and are not computed separately.

(3) *Service.* Supplemental daily requirements exist for movement of vehicles in bivouac areas and on reconnaissance, engine warmup, and abnormal periods of low-gear operation. These items will differ with the nature of the operation, weather, road, and terrain and they must be estimated in accordance with general conditions. Under average conditions, these requirements can be estimated by using the consumption necessary to move all vehicles in the organization 16 kilometers over roads. This factor applies when the organization is on the march or in combat.

(4) *Housekeeping.* Additional daily requirements exist for administrative vehicles, kitchens, and gasoline-powered equipment and for maintaining and testing engines. When the organization is not on the march, these requirements, are noted under each fuel data table in *e* below. When the organization is on the move, the requirements for administrative vehicles (not supply hauls) and gasoline-powered equipment are absorbed by maintenance, and the testing factor is absorbed by the service factor.

(5) *Wastage.* This factor covers evaporation, spillage, and small combat losses. It applies only to road movement in the combat zone. Its computation is 10 percent of the sum of all other consumption figures.

(6) *Stationary equipment.* This factor applies to fuel consuming equipment which does not provide its own power to move. Generators, air-compressors, and refrigeration units are examples of such equipment. It can be estimated that this type equipment will operate 20 hours a day.

(7) *Aircraft.* Aircraft fuel consumption is computed as gallons or pounds per hour per day. FM 101—20 (FOUO) projects average flying hours per day for Army aircraft. When possible, actual experience should be used. Table 3—15 provides consumption per hour.

(8) *Example for computation:* (Table 3—21) An armor battalion with one headquarters and headquarters company, three tank companies, and two combat support companies is to make the following movement: 100 kms in zone to bivouac area (distances determined in accordance with c(1)). Estimate the total number of gallons of diesel fuel (DF) and MOGAS (MO) required for this move, a two-day bivouac and return. Note lettered columns show total gallons of fuel required to move equipment 1 km or operate stationery equipment for 1 hour. Figures in parentheses are totals of all equipment authorized by TOE and should be further multiplied by the number of units. Figures not in parentheses are averaged totals of all equipment and all units.

(a) Displacement of 100 kms.

1. Diesel requirements: Multiply 100 kms by sum of columns 11*p* and 12*r* (46.3 + 5.0) = 51.3 GPK X 100 kms = *5,130* gal DF.

2. Gasoline requirements: Multiply 100 kms by sum of columns 11o and 12*q* (10.8 + 1.1) = 11.9 GPK X 100 kms = *1,190* gal MO.

(b) Supply requirements.

1. Multiply 50 kms (average supply distance) X 5.13 (10 percent of DF displacement per km) = *256.5* gal DF.

2. Multiply 50 kms (average supply distance) X 1.19 (10 percent of MO displacement per km) = *59.5* gal MO.

(c) Service requirements.

1. Diesel requirements: Multiply 16 km (figure from *c*(3)) X 51.3 (DF consumption per km) = *820.8* gal DF.

2. MOGAS requirements: Multiply 16 km (figure from *c*(3)) X 11.9 (MO consumption per km) = *190.4* gal MO.

(d) Housekeeping. See *(f)* below.

(e) Wastage. Not required. Battalion not in combat zone.

(f) Stationary equipment. For the purpose of this exercise, housekeeping figures are consolidated with stationary equipment. All hourly figures are multiplied by a factor of 20 hours operation per day (c(6)) column 7*g* and *h*. Also included are kitchen requirements.

1. Diesel requirements: Total columns 5*d* and 7*h*. 89 + 20 = 109 GPH. Then, 109 GPH X 20 hrs = *2,180* gal diesel fuel.

2. MOGAS requirements: Total columns 6*e*, 7*g*, 9*k*, and 10*m*. 11 + 18 + 6 + 2 = 37 GPH. Then, 37 GPH X 20 hrs = *740* gal MO per day.

(g) Aircraft. Not required.

(h) Totals.

	Displacement		*Supply*	
1st day	DF 5,130	MO 1,190	DF 256.5	MO 59.5
2d day	Bivouac		DF	MO
3d day	Bivouac		DF	MO
4th day	DF 5,130	MO 1,190	DF 256.5	MO 59.5
Totals	DF 10,260	MO 2,380	DF 513	MO 119

	Service		*Stationary equip*	
1st day	DF	MO	DF	MO
2d day	DF 820.8	MO 190.4	DF 2,180	MO 740
3d day	DF 820.8	MO 190.4	DF 2,180	MO 740
4th day	DF	MO	DF	MO
Totals	DF 1,641.6	MO 380.8	DF 4,360	MO 1,480

Total DF *16,774.6 or 16,775* gal
Total MO *4,359.8 or 4,360* gal

d. Gallons Per Man Per Day Method of Estimating Petroleum Requirements. The gallons per man per day method of estimating petroleum requirements is used in the early planning stages when definitive information is not available on the numbers and types of vehicles. Because of the level of aggregation of gallons-per-man-per-day consumption rate, this method

is seldom used below corps; however, once established for a given theater, the figure may be used for requisitioning purposes. *The gallons per man per day method is to be used only as a guide, not as a substitute for more exacting computation.* The consumption in gallons-per-man-per-day in various theaters necessarily will vary with terrain, climate, ratio between land and amphibious operations, and units using special vehicles and equipment.

e. Class III Supply Data. Fuel consuming equipment is divided into *10* broad consumption categories. The data in tables 3—6 through 3—15 provide consumption rates for various types of equipment and are based on the following consumption factors:

Consumption category	*Basis*	*Table number*
Amphibious	1 hour operating time	3—6
Construction	1 hour operating time	3—7
Generator	1 hour operation	3—8
Heating	1 hour operation	3—9
Material handling equipment	1 hour operating time	3—10
Stationary equipment	1 hour operating time	3—11
Stationary equipment, vehicle mounted	1 hour	3—12
Tracked vehicles	1 km on solid, dry, level	3—13
Wheeled vehicles	1 km on solid, dry, level	3—14
Aircraft	1 cruise hour	3—15

Table 3–5. Weights, Volumes, and Conversion Factors for Petroleum Products

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
			Cu ft		Conversion factors									Cap of veh for carrying filled containers [2]		
1	Product	Packaging	Wt (lb)	Actual	Planning factor	Gal to lb	Lb to gal	Gal per STON	Gal per LTON	Gal per MTON [1]	Bbl per LTON [1]	Packages per STON	Packages per LTON	Packages per MTON	1½-ton trk	2½-ton trk	5-ton trk
2	AVGAS	Bulk				5.90	0.169	339.0	379.7		9.04						
3		55-gal drums [3]	373.0	9.03	11	6.91	0.145	289.4	324.2	187.8		5 36	6.00	3.48	8	14	28
4		55-gal drums [4]	389.0	8.80	11	7 20	0 139	277.8	311.1	192.8		5.14	5.76	3.57	8	13	26
5		55-gal drums [5]	364 0	9 20	11	6.90	0 145	289.9	324 6	181.2		5.49	6.15	3.42	9	14	28
6		5-gal cans [6]	40.5	0 81	1	8 00	0.125	250.0	280.0	200.0		49.40	55.30	40.00	74	124	248
7	Jet fuel (JP–4)	Bulk				6.42	0.156	312.0	349.4		8.058						
8		55-gal drums [3]	399 0	9.03	11	7.39	0.135	270.0	302.4	187.8		5.01	5 61	3.48	8	13	25
9		55-gal drums [4]	415 0	8 80	11	7 68	0 130	260 0	291.2	192.7		4.82	5 40	3.57	8	12	24
10		55-gal drums [5]	392 0	9 20	11	7.40	0 135	270 0	302.4	181.2		5.10	5.71	3.42	8	14	28
11	MOGAS	Bulk				6.11	0 164	327 3	366.6		8.73						
12		55-gal drums [3]	384.0	9.03	11	7 11	0.141	281.2	315.1	187.8		5.21	5.83	3.48	8	13	26
13		55-gal drums [4]	400 0	8 80	11	7 41	0.135	269 9	302.3	192.8		5.00	5.60	3.57	8	13	26
14		55-gal drums [5]	376 0	9 20	11	7 09	0.141	282 1	315.9	181.2		5.32	5.96	3.42	8	14	28
15		5-gal cans [6]	41 6	0 81	1	8.32	0 120	240 4	269 2	200.0		48.10	53.80	40.00	73	121	242
16	Diesel fuel	Bulk				6 99	0 143	286.1	320 5		7.63						
17		55-gal drums [3]	432 0	9 03	11	8.00	0 125	250.0	280.0	187.8		4.63	5 19	3.48	7	12	24
18		55-gal drums [4]	448.0	8 80	11	8.30	0 120	241.0	269.9	192.7		4.46	5.00	3 57	7	12	24
19		55-gal drums [5]	430 0	9 20	11	8 11	0 123	246 6	276.2	181 2		4.65	5 21	3.42	7	12	24
20		5-gal cans [6]	46 0	0 81	1	9.20	0 109	317 4	243 5	200.0		43.50	48.70	40.00	66	109	218
21	Kerosene	Bulk				6.80	0.147	294.1	329.4		7.84						
22		55-gal drums [3]	421 0	9 03	11	7 80	0 128	256.4	287.1	187.8		4.75	5.32	3.48	8	12	24
23		55-gal drums [4]	437.0	8 80	11	8.09	0.124	247.2	276.9	192.8		4.58	5.13	3.57	7	12	24
24		55-gal drums [5]	351 0	9.20	11	8.62	0 151	302.1	338.3	181.2		5.70	6.38	3 42	9	15	30
25		5-gal cans [6]	45 0	0 81	1	9 00	0 111	222.2	248.9	200.0		44.40	49.80	40 00	67	112	224
26	Lub oils	Bulk				7.60	0.132	263.2	294.7		7.02						
27		55-gal drums [3]	472 0	9 03	11	8 58	0.117	233.1	261.0	191.3		4.24	4 75	3.48	7	11	22
28		55-gal drums [4]	488.0	8.80	11	8 87	0.113	225.5	252.5	196.4		4.10	4.59	3.57	7	11	22
29		55-gal drums [5]	462.0	9.20	11	8.56	0.117	233.6	261.7	184.6		4.33	4.85	3.42	7	11	22
30		5-gal cans [6]	49.0	0.81	1	9.80	0.102	204.1	228.6	181.2		40.80	45.70	40.00	62	103	206
31		1-qt cans (12 per case)	35 0	0.88	1							58.00	64.90	40.00	86	143	286
32		1-qt cans (24 per case)	60.0	1.60	2							33.40	37.30	20.00	50	84	168
33		5-qt cans (6 per case)	77.0	1.90	2							26.00	29.10	20.00	39	65	130
34	Greases	25-lb pails	29.0	0.95	1							69.00	77.20	40.00	104	173	346
35		5-lb cans (6 per case)	44.0	1.10	2							45.40	50.90	20.00	69	114	227
	Fog oils:																
36	SGF1	Bulk				7.11	0.140	281.0	314.0		7.49						
37		55-gal drums [3]	438.0	9.03	11	8.11	0.123	246.6	276.2	191.3		4.50	5.02	3.48	7	11	22
38		55-gal drums [4]	588 0	8.80	11	8.40	0.110	238.0	266.6	196.4		4 32	4.84	3 57	7	11	22
39		55-gal drums [5]	421.0	9.20	11	8 10	0 123	246.9	276.5	184.6		4.57	5 12	3 42	7	11	22

See footnotes at end of table.

Table 3—5. Weights, Volumes, and Conversion Factors for Petroleum Products—Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
			Cu ft		Conversion factors									Cap of veh for carrying filled containers [2]		
1	Product	Packaging	Wt (lb)	Actual	Planning factor	Gal to lb	Lb to gal	Gal per STON	Gal per LTON	Gal per MTON [1]	Bbl per LTON [1]	Packages per STON	Packages per LTON	Packages per MTON	1½-ton tlr	2½-ton trk	5-ton trk
40	SGF2	Bulk				6.99	0.143	286.0	320.0		7.63						
41		55-gal drums [3]	431.0	9.03	11	7.99	0.120	250.3	280.3	191.3		4.54	5.09	3.48	7	11	22
42		55-gal drums [4]	616.0	8.80	11	8.28	0.120	241.5	270.5	196.4		4.39	4.90	3.57	7	11	22
43		55-gal drums [5]	478.0	9.20	11	7.90	0.121	253.1	283.5	184.6		4.68	5.25	3.42	7	11	23

[1] For ocean-shipping, storage, and pipeline computations, bulk petroleum products usually are measured in bbl of 42 gal each or in LTON.

[2] Based on authorized loads in STON. When overloads are authorized, these quantities may be increased to the cubic capacity of the veh or to 100-percent overweight, whichever limit is reached first.

[3] 18-gage standard—weighs 54 lb empty—filled to 54 gal with light products, 55 gal with heavy products. Federal Specification PPP-D-729, Amendment 1.

[4] 16-gage standard—weighs 70 lb empty—filled to 54 gal with light products, 55 gal with heavy products. Federal Specification PPP-D-729, Amendment 1.

[5] 18-gage limited standard—weighs 52 lb empty—filled to 53 gal with light products, 54 gal with heavy products. Federal Specification PPP-D-729.

[6] For planning purposes, wt of MOGAS may be taken as 42 lb and wt of lub oil for engines as 50 lb per 5-gal can, including wt of can. Cans, 5-gal, weigh approximately 11 lb empty.

NOTE: Factors in this table are based on US gal—1 imperial gallon = 1.2010 US gallons
1 Liter = 0.2642 US gallons

Table 3–6. Watercraft and Amphibious Equipment

LIN	*NSN*	*Description*	*Fuel*	*Rate*
831197	1930-00-375-2972	Barge, deck or liquid cgo, nonprop	D	H05.000
831745	1935-00-375-2991	Barge, refrigerated, nonprop	D	H24.000
	1935-00-375-2990		D	H10.000
883445	1940-00-272-6400	Boat, bridge erection, inboard eng, aluminum, gas driven, 19 ft long	G	H07.000
883582	Gas models	Boat, bridge erection, inboard eng, aluminum, 27 ft long	G	H15.000
	1940-00-417-0526		D	H12.500
883719	1925-00-593-9587	Boat, fire	D	H25.600
B83993	1940-00-268-9952	Boat, pax and cgo	D	H18.000
884007	1940-00-109-3313	Boat, patrol, fiberglass w/o eng, 16 ft 7 in long	G	H03.330
884130	All NSN	Boat, picket, 36 to 47 ft	D	H10.000
B84267	1940-00-294-2470	Boat, picket, 52 to 65 ft	D	H52.500
	1940-00-268-9955		D	H24.200
F35953	All NSN	Crane, barge, 60 ton	D	H20.000
F36090	All NSN	Crane, barge, 89 to 250 ton	D	H45.000
L36602	1905-00-153-6695	Landing craft, mech, 50 to 56 ft	D	H25.000
L36739	All NSN	Landing craft, mech, 69 ft	D	H35.000
L36876	1905-00-217-2293	Landing craft, util, 115 ft	D	H40.000
L67234	1930-00-710-5728	Lighter, amph, SP, 5 ton	D	H20.000
L67371	1930-00-710-5729	Lighter, amph, SP, 15 ton	D	H28.000
L67508	1930-00-392-2981	Lighter, SP, amph stl, 60 ton, 61 ft	D	H33.000
L67645	All NSN	Lighter, beach discharge	D	H65.000
N34334	All NSN	Outboard motor, gas, 25 BHP	G	H02.500
N90665	1945-00-999-7900	Pier, barge type, self-elevating, nonprop, stl, 150 ft long 60 ft wide	D	H12.000
N90785	1945-00-999-7899	Pier, barge type, self-elevating, nonprop, stl, 300 ft long 80 ft wide	D	H12.000
X70772	1925-00-375-3001	Tug, 200 to 440 HP	D	H11.200
	1925-00-651-5685		D	H25.600
X70909	1925-00-216-1848	Tug, 600 to 650 HP	D	H59.800
	1925-00-375-3002		D	H52.000
	1925-00-604-3442		D	H52.000
X70146	1925-00-216-1844	Tug, 1,200 to 1,530 HP	D	H12.445
	1925-00-216-1845		D	H12.445
	1925-00-375-3003		D	H25.000
Y00039	All NSN	Vessel, freight, supply	D	H49.700
Y00176	All NSN	Vessel, liquid, cargo	D	H49.700

Table 3–7. Construction Equipment–CE

LIN	NSN	Description	Fuel	Rate
C18481	3820-00-902-3107	Breaker, paving, gas driven, 70 lb class	G	H00.250
E70817	All NSN	Compressor rcp, power driven, air whl, gas driven, 4 CFM, 3,000 PSI	G	H01.000
E72393	4310-00-691-0877	Compressor, rotory power driven: air skid, gas driven, 125 CFM, 100 PSI	G	H03.220
F36364	All NSN	Crane, crawler mtd, 60 ton, w/boom 60 ft, w/block & tackle 110 ton	D	H07.000
F39172	All NSN	Crane, whl mtd, 3 ton	D	H05.000
F39378	All NSN	Crane, whl mtd, 20 ton, w/boom crane 30 ft, w/block & tackle 20 ton	D	H06.000
F40474	All NSN	Crane, shovel, crawler mtd, w/boom 50 ft, w/block & tackle 40 ton	D	H08.000
F41022	3810-00-233-9373	Crane, shovel, basic unit, crawler mtd, 65 ton, 3 cu yd	D	H10.000
F41844	3810-00-189-9680	Crane, shovel, basic unit, trk mtd, 10 ton, ½ cu yd	G	H04.000
	3810-00-189-9683		D	H03.500
	3810-00-290-4964		G	H04.000
F43364	All NSN	Crane, shovel, crawler mtd, 12½ ton, 30 ft, w/block & tackle, 72.5 ton	D	H03.500
F43414	All NSN	Crane, shovel, trk mtd, 20 ton, w/boom crane 30 ft, w/block & tackle 30 ft	G	H07.000
F49399	3820-00-725-6462	Crush and screen plant, dsl and elec driven, whl mtd, 75 TPH (Army)	D	H07.400
F49536	All NSN	Crush and screen plant, gas driven, semitrailer mtd, 35 TPH	G	H03.000
F50995	3820-00-030-1612	Crusher jaw, gas driven, whl mtd, 15 TPH	G	H04.800
	3820-00-641-4968		G	H04.600
G29945	All NSN	Ditching machine, dsl driven, whl mtd, ladder	D	H05.000
G55186	All NSN	Dryer, mixer, bitum concrete, mtl whl mtd, gas driven, 3 TPH	G	H02.500
H55206	All NSN	Finishing machine, concrete paving, 20 to 25 ft, w/vibrator	G	H02.000
J74852	3805-00-053-8448	Grader, road, motorized, dsl driven, hv, 6x4, front whl steer	D	H05.600
	3805-00-197-4184		D	H05.600
	3805-00-221-1802		D	H04.500
	3805-00-221-1803		D	H04.600
	3805-00-223-9030		D	H04.600
	3805-00-223-9031		D	H04.500
	3805-00-223-9037		D	H04.500
	3805-00-542-2995		D	H04.600
	3805-00-542-2996		D	H04.600
	3805-00-931-7881		D	H05.750
J74715	Not available	Grader, road, motorized, dsl driven, air transportable, 6x4, hv, front whl steer	D	H04.500
J74886	3805-00-902-3083	Grader, road, motorized, dsl driven, sectionalized	D	H05.000
J74920	3805-00-782-5290	Grader, road, motorized, dsl driven, 1,000 lb, 12 ft blade w/lean front whls	D	H05.000
L21437	All NSN	Kettle, heating, bitumen, gas driven, trlr mtd, 165 gal	G	H01.250
L43664	5425-00-889-2020	Launch, M60 series, tank chassis, transporting, 40 and 60 ft bridge, type cl 60	D	H44.480
L76351	All NSN	Loader, scoop type, dsl driven, 4 whls, 1½ cu yd	D	H04.000
L76488	3805-00-678-1735	Loader, scoop type, dsl driven, 4 whls, 2½ cu yd	D	H05.900
L76556	All NSN	Loader, scoop type, dsl, 2½ cu yd, hinge frame w/multipurp bucket	D	H08.000
L76693	3805-00-900-8546	Loader, scoop type, sectionalized, 2½ cu yd	D	H07.000
M54151	3895-00-238-5097		G	H01.250
	3895-00-238-5098		G	H01.250
	3895-00-238-5102		G	H01.350
	3895-00-543-6052		G	H01.200
	3895-00-807-7985		G	H01.150
	3895-00-835-4512		G	H01.250
M55384	All NSN	Mixer, rotary, tiller, dsl driven, SP	D	H02.750
N74624	3895-00-690-7374	Paver, concrete, gas driven, crawler mtd, dual drum, 34 cu ft	G	H03.000
	All other		G	H02.750
N91371	3895-00-254-2802	Pile driving rig, skid mtd, 65 ft long	G	H04.500
P91756	4320-00-752-9466	Pump, cntrf, gas driven, frame mtd, 1½-in, 65 GPM, 50 ft hd	G	H00.760
P92167	4320-00-082-6004	Pump, cntrf, gas driven, frame mtd, 2 in, 17 GPM, 50 ft hd	G	H01.000
P92989	All NSN	Pump, cntrf, gas driven, skid mtd, 4 in, 200 GPM, 300 ft hd	G	H04.500
P93092	4320-00-904-3969	Pump, cntrf, gas driven, skid mtd, 4 in, 600 GPM, 50 ft hd	G	H04.500
S10682	All NSN	Roller, towed, vibrating ded/gas	G	H04.000
S11068	3895-00-194-8534	Roller, motorized, gas driven, tandem, 2 rolls, 5 to 8 tons	G	H02.750
	3895-00-194-8536		G	H02.500
	3895-00-221-1632		G	H02.500
	3895-00-842-5326		G	H02.500
	3895-00-954-8181		G	H04.000
S11205	All NSN	Roller, motorized, gas driven, tandem, 3 rolls, 9 to 14 tons	G	H03.500
S11479	3895-00-194-8551	Roller, motorized, gas driven, 10 ton, 3 whl, w/scarif and sprink	G	H03.500
	3895-00-223-8394		G	H03.600
	3895-00-273-3003		G	H03.750
	3895-00-542-4599		G	H03.600
	3895-00-952-5840		G	H03.750

Table 3–7. Construction Equipment–CE—Continued

LIN	*NSN*	*Description*	*Fuel*	*Rate*
S11616	3895-00-255-5054	Roller, motorized, gas, 3 whl, 10 ton, w/sprink	G	H05.000
	3895-00-965-0072		G	H03.750
	3895-00-997-6099		G	H03.750
S34508	All NSN	Saw, abrasive disc, masonry, gas driven, 18 in blade	G	H01.060
S37385	3220-00-837-9926	Saw, circular table, gas driven	G	H01.060
U11083	All NSN	Sprayer, insecticide, aircraft mtd	G	H00.250
U11426	3740-00-069-9002	Sprayer, insecticide, skd mtd, fog, gas driven, 40 GPH	G	H01.000
U12200	All NSN	Spreader, concrete, gas driven, 25 ft	G	H03.000
U58881	5420-00-877-8679	Spr superstructura transporter, MAB	D	H10.000
U76871	All NSN	Sweaper, rotary, towed, gas driven, 8 ft long 30 in diameter, adj brush	G	H03.000
W76268	All NSN	Tractor, ftrac, low speed, dsc lt dbp sectionalized, air transportable, w/ATT	D	H05.000
W76302	2420-00-434-5309	Tractor, whl ind, dsl driven, 5,089 dbp, w/backhoe, w/loader, scoop type	D	H07.000
W76336	2410-00-935-0714	Tractor, ftrac, low speed, dsl, lt dbp, w/buldoz scarif	D	H06.000
W76816	All NSN	Tractor, ftrac, low speed, dsl, mdm dbp, w/buldoz scarif winch	D	H06.000
W77364	2410-00-806-1851	Tractor, ftrac, low speed, dsl, hv dbp, w/buldoz scarif	D	H08.000
	2410-00-542-4882		D	H07.800
	2410-00-542-2338		D	H08.200
W80378	2410-00-926-0910	Tractor, ftrac, low speed, dsl, lt dbp, w/buldoz scarif, teth pc	D	H07.000
W80515	2410-00-542-4206	Tractor, ftrac, low speed, dsl, lt dbp, w/buldoz scarif, pcu hydraulic	D	H04.300
	2410-00-837-4224		D	H04.000
	2410-00-983-8024		D	H04.000
W80789	All NSN	Tractor, ftrac, low speed, dsl, mdm, w/angledozer scarif	D	H07.300
W83255	All NSN	Tractor, ftrac, low speed, dsl, mdm dbp, w/angledozer scarif winch	D	H07.300
W83529	2410-00-078-6484	Tractor, ftrac, low speed, dsl, mdm dbp, w/buldoz w/scarif ripper	D	H08.000
W90447	2420-00-902-3084	Tractor, whl ind, dsl driven, 24,000 dbp, w/buldoz w/backrip scarif	D	H08.000
W90790	All NSN	Tractor, whl ind, dsl driven, mdm dbp, w/buldoz w/backrip scarif	D	H10.000
W90927	2420-00-792-6183	Tractor, whl ind, dsl, lt dbp, w/buldoz scarif	D	H08.000
W91064	2420-00-806-0031	Tractor, whl ind, dsl, mdm bdp, w/buldoz scarif	D	H10.000
Y46234	3431-00-903-5647	Welding machine, arc, genr gas drvn, 300 AMP DC skid mtd, CC CP	G	H02.600
Y86199	2320-00-262-3984	Wrench, trk, gas eng, 1 cyl 36 39-3/8 42 56-1/2 60 63 66 in ga	G	H00.330
	2320-00-356-7427		G	H00.330
	2320-00-356-7427		G	H00.100

Table 3–8. Generators–G

LiN	NSN	Description	Fuel	Rate
J35414	6115-00-823-2217	Genr set, dsl eng, tlr mtd: 45 kw, 400 hz, mtd on M200 PU 401	D	H14.000
J35424	6115-00-722-3760	Genr set, dsl eng tlr mtd: 15 kw, 600 hz, mtd on M200 PU 402	D	H03.500
J35492	6115-00-949-8409	Genr set, dsl eng, tlr mtd: 15 kw, 60 hz, mtd on M200 PU 405	D	H01.500
J35595	6115-00-132-0488	Genr set, dsl, tlr mtd: 60 kw, 60 hz, mtd on M200 PU 699	D	H06.000
J35629	6115-00-220-3878	Genr set, dsl eng, tlr mtd: 60 kw, 60 hz, mtd on M200 PU 650	D	H06.000
J35663	6115-00-125-7876	Genr set, dsl eng, trk mtd: 60 kw, 60 hz, mtd on M54 PU 700	D	H06.000
J35680	6115-00-464-4195	Genr set, dsl eng, tlr mtd: 60 kw, 400 hz, mtd on M200 PU 707	D	H06.000
J35698	6115-00-709-0469	Genr set, dsl eng, trk mtd: 45 kw, 60 hz, mtd on M54 PU 408	D	H05.000
J35801	6115-00-823-2218	Genr set, dsl eng, tlr mtd: 100 kw, 60 hz, mtd on M353 PU 495	D	H06.000
J35825	6115-00-465-1030	Genr set, dsl eng: 10 kw, hz, 1-3 ph AC 120/308 120/240V, tac util	D	H01.090
J35835	All NSN	Genr set, dsl eng: 15 kw, 60 hz, 3 ph, AC 120/208 240/416V, skid, tac util	D	H03.500
J35869	All NSN	Genr set, dsl eng: 15 kw, 60 hz, 3 ph, AC 120/208 240/416V, skid, tac precise	D	H03.000
J36040	All NSN	Genr set, dsl eng: 15 kw, AC 120/208 240/416V, 3 ph, 400 hz, tac precise	D	H01.500
J36109	All NSN	Genr set, dsl eng: 30 kw, 60 hz, 3 ph, AC 120/208 240/416V, 50 hz, tac util	D	H04.200
J36304	All NSN	Genr set, dsl eng: 30 kw, 60 hz, 3 ph, AC 120/208 240/416V, skid, tac precise	D	H03.000
J36383	6115-00-738-6342	Genr set, dsl eng, tlr mtd: 30 kw, 60 hz, mtd on M200 PU 406	D	H04.200
J36725	6115-00-118-1248	Genr set, dsl eng: 30 kw, AC 120/208 240/416V, 3 ph, 400 hz, tac precise	D	H04.000
J36931	All NSN	Genr set, dsl eng: 45 kw, 60 cy, 3 ph, AC 120/208 240/416V, 50 cy per hr	D	H05.000
J37205	6115-00-889-1307	Genr set, dsl eng, tlr mtd: 45 kw, 60 hz, mtd on M200 PU 551	D	H05.000
J37342	All NSN	Genr set, dsl eng: 45 kw, 400 cy, 3 ph, AC 120/208 240/416V, skid	D	H05.000
J37616	All NSN	Genr set, dsl eng: 60 kw, 60 cy, 3 ph, AC 120/208 240/416V to 50 kw pr power	D	H06.450
J37753	All NSN	Genr set, dsl eng: 60 kw, 60 cy, 3 ph, AC 120/208 240/416V, 50 cy, skid	D	H06.000
J37890	All NSN	Genr set, dsl eng: 60 kw, AC 120/208 240/416V, 3 ph, 60 cy, skid mtd	D	H06.000
J38301	All NSN	Genr set, dsl eng: 60 kw, 60 hz, 3 ph, AC 120/208 240/416V, 50 hz, tac util	D	H04.000
J38369	All NSN	Genr set, dsl eng: 60 kw, 60 hz, 3 ph, AC 120/208 240/416V, skid, tac precise	D	H03.000
J38506	All NSN	Genr set, dsl eng: 60 kw, 400 hz, 3 ph, AC 120/208 240/416V, skid, tac precise	D	H06.000
J38547	6115-00-081-2030	Genr set, dsl eng: 100 kw, AC 120/208 240/416V, 3 ph, skid mtd	D	H09.500
	6115-00-156-4342		D	H09.000
J38712	All NSN	Genr set, dsl eng: 100 kw, 60 hz, 3 ph, AC 120/208 240/416V, 50 hz, tac util	D	H08.000
J38986	6115-00-133-9102	Genr set, dsl eng: 100 kw, 60 hz, 3 ph, AC 120/208 240/416V, skid, tac precise	D	H09.000
	6115-00-798-3444		D	H06.000
J39397	All NSN	Genr set, dsl eng: 150 kw, 60 cy, 3 ph, AC 120/208V, skid, precise power	D	H13.000
J39671	6115-00-713-6647	Genr set, dsl eng: 150 kw, 60 cy, 3 ph, AC 240/416V, 720 rpm base	D	H13.000
J39808	6115-00-624-2766	Genr set, dsl eng: 150–165 kw, AC 240/416V, 3 ph, 60 cy, skid w/central panel	D	H13.000
J39945	6115-00-635-2529	Genr set, dsl eng: 150–165 kw, 60 cy, 3 ph, AC 240/416V, high speed skid	D	H13.000
J40150	All NSN	Genr set, dsl eng: 200 kw, hz, 3 ph, AC 240/416V, skid, tac precise	D	H20.000
J40158	6115-00-436-4228	Genr set, dsl eng: 200 kw, 60 hz, 3 ph, AC 240/416V, skid, tac util	D	H15.000
	6115-00-133-1909		D	H16.000
J40356	6115-00-782-7099	Genr set, dsl eng: 500 kw, 60 hz, 3 ph, AC 2400/4160V, 50 hz, skid, tac util	D	H42.000
J40630	6115-00-385-8026	Genr set, gas eng: 3.5 kw, AC 115V, 1 ph, 60 cy, base wired	G	H00.940
J40767	6115-00-393-1709	Genr set, gas eng, tlr mtd: PU 236/G	G	H01.400
J40904	6115-00-356-0995	Genr set, gas eng, tlr mtd: PU 248/U	G	H02.400
J41041	6115-00-697-2402	Genr set, gas eng, tlr mtd: PU 253/U	G	H02.400
J41109	6115-00-635-9884	Genr set, gas eng, tlr mtd: PU 269	G	H02.400
J41178	6115-00-635-9883	Genr set, gas eng, tlr mtd: PU 290/MR	G	H02.400
J41315	6115-00-635-5614	Genr set, gas eng, tlr mtd: PU 294/G	G	H01.400
J41452	All NSN	Genr set, gas eng, tlr mtd: 10 kw, 400 hz, mtd on M103 PU 304/MPQ-4	G	H02.400
J41589	6115-00-577-3370	Genr set, gas eng, tlr mtd: PU 322/G	G	H00.740
J41657	6115-00-715-0013	Genr set, gas eng, tlr mtd: PU 329/G	G	H03.500
J41786	6115-00-577-8471	Genr set, gas eng, tlr mtd: PU 322/U	G	H02.400
J41819	All NSN	Genr set, gas eng, tlr mtd: 10 kw, 400 hz, mtd on M101 PU 375	G	H02.400
J41863	6115-00-655-2690	Genr set, gas eng, tlr mtd: PU 378/G	G	H02.400
J41897	6115-00-702-3348	Genr set, gas eng, tlr mtd: PU 409/M	G	H01.350
J41931	6115-00-837-1127	Genr set, gas eng, tlr mtd: PU 456/G	G	H01.400
J42100	6115-00-738-6639	Genr set, gas eng, tlr mtd, 10 kw, 60 cy, 1 ph, AC 120/240V, PU 619/M	G	H02.400
J42137	6115-00-930-9498	Genr set, gas eng: 0.125 kw, AC 115V, 1 ph, 2 wire, 400 cy, base mtd	G	H00.500
J42274	All NSN	Genr set, gas eng: 0.15 kw, 60 cy, 1 ph, AC 120V, skid	G	H03.500
J42548	All NSN	Genr set, gas eng: 0.3 kw, 60 cy, 1 ph, AC 120/240V, shock mtd, PE 214 bcd	G	H00.250

*Table 3–8. Generators–G–*Continued

LIN	NSN	Description	Fuel	Rate
J42685	6115-00-889-1212	Genr set, gas eng: 0.3 kw, AC 115V, 1 ph, 400 hz, DC 24 to 35V	G	H00.200
J42822	All NSN	Genr set, gas eng: 0.4 kw, AC, 1 ph, 400 cy, 115V, 0.08 kw, DC 28V, shock, PU 422U	G	H00.210
J42856	6115-00-940-7867	Genr set, gas eng: 0.5 kw, 28V, skid-shock, tac util	G	H00.250
J42959	All NSN	Genr set, gas eng: 0.5 kw, 60 cy, 1 ph, AC 120V, shock	G	H00.250
J42976	All NSN	Genr set, gas eng: 0.5 kw, 60 hz, 1 ph, AC 120/240V, shock mtd, tac util	G	H00.250
J43027	All NSN	Genr set, gas eng: 0.5 kw, 400 hz, 1 ph, AC 120/240V, skid shock, tac util	G	H00.250
J42333	6115-00-635-6636	Genr set, gas eng: 0.5 kw, 2 wire, DC 28V, shock	G	H00.250
J43918	All NSN	Genr set, gas eng: 1.5 kw, DC 28V, 2 wire, AC 120V, shock, tac util	G	H00.600
J44055	All NSN	Genr set, gas eng: 1.5 kw, DC 28V, shock, tac util	G	H00.600
J44123	6115-00-456-9790	Genr set, gas eng: 1.5 kw, 400 hz, AC 120/240 120/208V, 1 ph, shock, tac util	G	H00.540
J44329	6115-00-075-9123	Genr set, gas eng: 2 kw, DC 12V, shock	G	H00.700
J45493	6115-00-075-1638	Genr set, gas eng: 3 kw, AC 120V, 1 ph, 120/240 120/208V, 3 ph, 400 cy, skid	G	H00.840
J45699	All NSN	Genr set, gas eng: 3 kw, 60 hz, 1–3 ph, 120/240 120/208V, skid, tac util	G	H00.840
J45836	All NSN	Genr set, gas eng: 3 kw, 400 hz, 1–3 ph, AC 120/208/240V, tac util	G	H00.840
J46110	All NSN	Genr set, gas eng: 3 kw, DC 28V, skid-shock, tlr frame mtd, tac util	G	H00.840
J46252	6115-00-873-3915	Genr set, gas eng, tlr mtd: 3 kw, 60 hz, 2 ea mtd on M101 PU 625	G	H00.840
J46255	6115-00-087-0972	Genr set, gas eng, tlr mtd: 3 kw, 60 hz, 2 ea, mtd on M101 PU 626	G	H00.840
J46258	6115-00-087-0873	Genr set, gas eng, tlr mtd: 3 kw, 60 hz, 2 ea, mtd on M101 PU 628	G	H00.840
J46265	6115-00-485-9207	Genr set, gas eng, tlr mtd: 3 kw, 28V DC, mtd on M101 PU 666	G	H00.840
J46384	6115-00-738-6335	Genr set, gas eng, tlr mtd: 3 kw, 60 hz, 2 ea, mtd on M101 PU 617	G	H00.840
J46392	6115-00-937-5555	Genr set, gas eng, tlr mtd: 5 kw, 60 hz, 2 ea, mtd on M103 PU 629	G	H01.400
J46396	6115-00-059-5172	Genr set, gas eng, tlr mtd: 5 kw, 60 hz, 2 ea, mtd on M103 PU 631	G	H01 400
J46692	6115-00-456-9792	Genr set, gas eng: DC, 5 kw, 28V, frame-shock mtd, tac util	G	H02.000
J47068	All NSN	Genr set, gas eng: 5 kw, 60 hz, 1–3 ph, AC 120/240 120/208V, skid, tac util	G	H01.400
J47343	6115-00-738-6338	Genr set, gas eng, tlr mtd: 5 kw, 60 hz, mtd on M101 PU 409	G	H01.500
J47480	6115-00-738-6337	Genr set, gas eng, tlr mtd: 5 kw, 60 cy, 1–3 ph, AC 120/240 120/208V, PU 618/M	G	H01.400
J47617	6115-00-738-6340	Genr set, gas eng, tlr mtd: 5 kw, 60 hz, 2 ea, mtd on M116 PU 620	G	H01.400
J48713	All NSN	Genr set, gas eng: 5 kw, 400 hz, 1–3 ph, AC 120/240 120/208V, skid, tac util	G	H01.500
J49055	All NSN	Genr set, gas eng, 7.5 kw, DC 28.5V, whl mtd	G	H01.500
J49261	All NSN	Genr set, gas eng: 10 kw, 400 cy, 1–3 ph, AC 120 120/208V, skid	G	H02.400
J49398	All NSN	Genr set, gas eng: 10 kw, 60 hz, 1–3 ph, AC 120/240 120/208V, tac util	G	H02.400
J49466	6115-00-937-1793	Genr set, gas eng: 10 kw, 400 hz, 1–3 ph, AC 120/240 120/208V, tac util	G	H02.400
J49809	6115-00-738-6336	Genr set, gas eng, tlr mtd: 10 kw, 60 hz, mtd on M101 PU 332	G	H02.000
J49946	6115-00-738-6341	Genr set, gas eng, tlr mtd: 10 kw, 60 hz, mtd on M105A2 PU 564	G	H02.400
J50083	6115-00-889-1367	Genr set, gas eng, tlr mtd: 10 kw, 60 cy, 1–3 ph, AC 120/240 120/208V, PU-564/G	G	H01.400
J50151	6115-00-989-3296	Genr set, gas eng, tlr mtd: 10 kw, 400 hz, 2 ea, mtd on M103 PU-656	G	H05.000
J50185	6115-00-937-8468	Genr set, gas eng, tlr mtd: 10 kw, 400 hz, 2 ea, mtd on M116 PU-678	G	H02.400
J50195	6115-00-789-3656	Genr set, gas eng, tlr mtd: 10 kw, 400 hz, mtd on M101 PU 681	G	H02.400
J50205	6115-00-789-3655	Genr set, gas eng, tlr mtd: 10 kw, 400 hz, mtd on M101 PU 684	G	H02.400
J50220	All NSN	Genr set, gas eng: 10 kw, AC 120/208V, 33 ph, 400 cy, slide rail, precise power	G	H02.400
J50254	6115-00-456-9793	Genr set, gas eng: DC, 10 kw, 28V, frame-shock mtd, tac util	G	H02.000
J51418	6115-00-016-2356	Genr set, dsl eng, tlr mtd: 45 kw, 400 hz, mtd on M200 PU 614	G	H04.500
J51453	All NSN	Genr set, gas turbine eng: 30 kw, AC 120/208V, 3 ph, 400 cy, skid mtd	JP-4	H09.500
J51472	6115-00-075-1639	Genr set, gas turbine eng: 45 kw, AC 210/208V, 3 ph, 400 cy, skid mtd	JP-4	H14.000
J51480	6115-00-967-7005	Genr set, gas turbine eng, tlr mtd: 30 kw, AC 120/208V, 3 ph, 400 cy (sgt)	JP-4	H14.000
J51487	6115-00-054-0190	Genr set, gas turbine eng, tlr mtd: 45 kw, AC 120/208V, 3 ph, 400 cy (sgt)	JP-4	H14.000
J51505	6115-00-758-5492	Genr set, gas turbine eng: 60 kw, AC 120/240 208/416V, 3 ph, 400 cy, skid mtd	JP-4	H14.000

Table 3–9. Heating Equipment–H

LIN	NSN	Description	Fuel	Rate
B85678	4410-00-293-7780	Boiler, steam: horiz coil tube, 100 HP, 150 PSI, oil fired, AC 220V	Fuel oil	H25.000
B85815	4410-00-277-3147	Boiler, steam, high pressure: skid mtd, coal or oil induced draft, 60 HP	Fuel oil	H21.000
B85952	4410-00-277-3139	Boiler, steam, high pressure: skid mtd, oil forced, draft, 12 HP	Fuel oil	H15.000
K24520	All NSN	Heater, bitumen: gas drvn, tlr mtd, 3 cor heating	D	H06.000
K24794	2520-00-797-0728	Heater, duct type, 150,000 BTU	D	H01.500
K24862	All NSN	Heater	G	H02.000
K24931	All NSN	Heater, duct type, ptbl: gas, 400,000 BTU, gas and elec drvn blower	G	H03.820
K25342	All NSN	Heater, immersion, 34¾-in (type)	G/D	H00.500
K25479	4540-00-266-6834	Heater, immersion, 37¼-in	G	H00.500
K26849	All NSN	Heater, water, liquid fuel	D	H06.500
K26986	All NSN	Heater, water, oil: 3,000 GPH	D	H10.000
R14154	All NSN	Range, mil–R–14601	G	H00.500

Table 3–10. Material Handling Equipment–MHE

LIN	*NSN*	*Description*	*Fuel*	*Rate*
F39104	All NSN	Crane, truck, warehouse: Gas pt, 10,000 lb	G	H01.000
F39241	All NSN	Crane, whl mtd: 5 ton, dsl, 4x4, rough terrain, air trans	D	H01.000
W89557	All NSN	Tractor, whld, warehouse, gas, 4,000 lb	G	H01.000
X05621	5420-00-267-0034	Tramway set, aerial: gas drvn, 2,000 ft tramway or 1,500-ft cableway	G	H02.260
X48914	All NSN	Truck, lift, fork: dsl drvn, 6,000 lb cap, rough terrain	D	H05.000
X49051	3930-00-903-0899	Truck, lift, fork: dsl drvn, 1,000 lb cap, rough terrain	D	H05.000
X51106	3930-00-436-1413	Truck, lift, fork: gas srt, 2,000 lb, 127 in length	G	H01.500
	3930-00-781-3858		G	H01.000
	3930-00-958-3683		G	H01.000
X51243	All NSN	Truck, lift, fork: gas srt, 2,000 lb, 100 in length	G	H01.000
X51311	3930-00-926-3807	Truck, lift, fork: gas pt, 4,000 lb 100 in length 68 in low position	G	H00.700
X51380	3930-00-064-5868	Truck, lift, fork: gas pt, 4,000 lb, 144 in length	G	H01.000
	3930-00-073-8676		G	H01.000
	3930-00-073-9222		G	H01.000
	3930-00-151-4428		G	H01.000
	3930-00-678-9913		G	H00.750
	3930-00-724-3568		G	H01.000
	3930-00-724-3570		G	H01.000
	3930-00-935-7963		G	H02.000
	3930-00-419-5738		G	H01.500
X51517	All NSN	Truck, lift, fork: gas, 4,000 lb srt, 100 in length	G	H01.500
X51585	3930-00-419-5738	Truck, lift, fork: gas, 4,000 lb, 144 in length, 68-in collapsible height	G	H00.800
X51654	3930-00-064-6564	Truck, lift, fork: gas 4,000-lb, 180 in length	G	H01.000
	3930-00-935-7865		G	H02.000
	All others		G	H01.500
X51791	3930-00-935-7979	Truck, lift, fork: gas pt, 6,000 lb	G	H02.000
	All others		G	H01.500
X51928	All NSN	Truck, lift, fork: gas pt, 6,000 lb, rough	G	H03.000
X52065	All NSN	Truck, lift, fork: gas srt, 6,000 lb, 100 in	G	H01.500
X52202	All NSN	Truck, lift, fork: gas srt, 6,000 lb, 127 in length	G	H01.500
X52339	All NSN	Truck, lift, fork: gas srt, 6,000 lb, 168 in length	G	H02.000
X52407	3930-00-489-0263	Truck, lift, fork: gas, 6,000 lb, srt 180 in length, 83 in CMH	G	H02.000
X52476	All NSN	Truck, lift, fork: gas pt, 10,000 lb, rough terrain	G	H01.500
X52613	All NSN	Truck, lift, fork: gas srt, 10,000 lb 100 in length	G	H01.500
X52750	All NSN	Truck, lift, fork: gas pt, 15,000 lb, 210 in	G	H02.000
X52810	3930-00-832-7043	Truck, lift, fork: limited rough terrain, 4,000 lb	G	H03.000
X52818	3930-00-950-9985	Truck, lift, fork: rough terrain, 3,000 lb	G	H02.000
X55490	3930-00-678-9915	Truck, platform loading and stocking: self-side loading	G	H02.000
X56997	All NSN	Truck, straddle-carry: gas, 30,000 lb	G	H02.000

Table 3–11. Stationary Equipment–S

LIN	*NSN*	*Description*	*Fuel*	*Rate*
B01756	All NSN	Auger, earth, skid mtd: gas drvn, 9 ft bore depth	G	H03.000
B18373	All NSN	Bakery oven, tlr mtd: 2 oven decks	Fuel oil	H01.000
B18647	7360-00-221-2418	Bakery plant, tlr mtd, MDL M1945	G	H03.000
B43025	3895-00-629-3617	Batching plant, cement: gas drvn, 1 comp 84.6 ton bin, 50 ton per hr	G	H05.000
B43662	All NSN	Bath unit, ptbl: ged, 8 showers	G	H06.000
E34747	All NSN	Cleaning machine: fuel can & drum	G	H01.000
E40960	All NSN	Clothing repair shop. tlr mtd, 2 whl	G	H02.500
E69105	All NSN	Compressor rcp, power drvn: air rec, gas drvn, 5 CFM, 175 PSI	G	H01.000
E69242	All NSN	Compressor rcp, power drvn: air rec, gas drvn, 15 CFM, 175 PSI	G	H01.000
E69379	4310-00-289-8073	Compressor rcp, power drvn: air rec, gas eng, 600 PSI	G	H01.270
	4310-00-605-2190		G	H01.390
	4310-00-810-4077		G	H01.540
E70064	All NSN	Compressor, rcp, power drvn: trk, 2 whl, pneu tires, gas drvn, 5 CFM, 175 PSI	G	H01.000
E70201	All NSN	Compressor, rcp, power drvn: trk, 2 whl, pneu tires, gas drvn, 8 CFM, 175 PSI	G	H01.000
E70388	All NSN	Compressor, rcp, power drvn. tlr, 2 whl, pneu tires, gas drvn, 15 CFM, 175 PSI	G	H01.000
E70886	4310-00-509-9790	Compressor, rcp, power drvn, air, whl, gas drvn, 15 CFM, 3,500 PSI, winterized	G	H01.250
	4310-00-289-8151		G	H01.230
	4310-00-540-2878		G	H01.270
	4310-00-624-3212		G	H01.230
	4310-00-624-3213		G	H01.260
E71023	4310-00-566-8899	Compressor, rcp, power drvn: air, whl, 4 whl, pneu tires, gas drvn, 15 CFM, 3,500 PSI	G	H02.250
E71160	4310-00-082-6036	Compressor, rcp, power drvn: air, whl, 4 whl, pneu tires, gas drvn, 15 CFM, 3,500 PSI	G	H02.000
E71297	4310-00-679-6917	Compressor, rcp, power drvn: whl, 4 whl, pneu tires, 15 CFM, 3,500 PSI, winterized	G	H02.250
E72393	All NSN	Compressor rotary, power drvn: air, skid, gas drvn, 125 CFM, 100 PSI	G	H03.220
E72667	All NSN	Compressor rotary, power drvn: air, tlr, gas drvn, 210 CFM, 100 PSI	G	H05.250
E72804	4310-00-075-7064	Compressor unit, rotary: air, tlr, mtd, dsl drvn, 250 CFM, 100 PSI	D	H05.620
	4310-00-078-2464		D	H05.750
	4310-00-952-7142		D	H05.620
	4310-00-984-5741		D	H05.650
	4310-00-471-3075		D	H06.000
E73489	All NSN	Compressor, rotary power drvn: air, trk, gas, 210 CFM, 100 PSI	G	H07.000
E73352	All NSN	Compressor, rotary power drvn: air, whl mtd, dsl drvn, 600 CFM, 100 PSI	D	H06.000
E73626	All NSN	Compressor, rotary power drvn: air, whbrw frame 2, pneu tire, gas drvn, 60 CFM, 6 5 PSI	G	H01.000
F00355	All NSN	Convl storage charge unit, carbon dioxide: stlr mtd, 16,000 lb, gas drvn	G	H02 250
L48315	3510-00-782-5294	Laundry unit, tlr mtd: single tlr 60 lb cap	G	H08.000
L85146	All NSN	Lubricating service unit, power op: tlr mtd, 15 CFM, air compressor, gas drvn	G	H02.000
L85283	All NSN	Lubricating service unit, power op. tlr mtd, 15 CFM, air compressor, gas drvn	G	H02.000
L85420	4930-00-882-8604	Lubricating service unit, power op: tlr mtd, 15 CFM, air compressor, gas drvn	G	H02.000
M32917	4610-00-341-1185	Melter, ice and snow, direct fired: gas 25 GPM	G	H08.300
M57048	3895-00-936-8613	Mixing plant, asphalt: dsl eng, 100 to 150 ton	D	H02.000
N36978	4430-00-277-3674	Oven, thermal drying, oil burning: 200° F	D	H04.000
P45003	6115-00-134-0825	Power unit, utility pack: gas turbine, eng drvn (MUST)	JP4	H40.000
	6115-00-937-0929		JP4	H40.000
P78995	All NSN	Propelling unit, outboard, dsl, 165 bhp	D	H10.000
P90386	4320-00-080-2059	Pump, centrifugal: dsl drvn, skid mtd, in 6-in outlet, 4-in inlet, 600 GPM, 1,630 ft hd	D	H05.000
P90610	4320-00-900-8544	Pumping assembly, flammable liquid, bulk transfer: gas drvn, 100 GPM	G	H00.500
P90934	4320-00-820-0700	Pump, centrifugal: gas drvn, base mtd, 2-in 166 GPM, 25-ft hd, high eng speed	G	H00.250
P92030	4320-00-542-3347	Pump, centrifugal: gas drvn, frame mtd, 2 in, 125 GPM, 50 ft hd	G	H00.300
P92578	All NSN	Pump, centrifugal: gas drvn, skid mtd, 3 in, 240 GPM, 60 ft hd	G	H05.000
P92852	All NSN	Pump, centrifugal: gas drvn, skid, 4 in, 175 GPM, 580 ft hd, 595 GPM, 450 ft hd	G	H05.000
P94359	All NSN	Pump, centrifugal: gas drvn, whl mtd, 60 ft hd, 1,500 GPM, 6 in	G	H01.000

Table 3–11. Stationary Equipment S–Continued

LIN	*NSN*	*Description*	*Fuel*	*Rate*
P95592	4320-00-063-7363	Pump, recp, power drvn: diaphragm, gas, whl, in 100 GPM, 10 ft suc lift	G	H02.000
	4320-00-829-8434		G	H01.000
P96503	All NSN	Pump, assembly, deep well: gas drvn, 50 GPM, 250 ft hd	G	H04.000
P96640	All NSN	Pumping assembly, flammable liquid, bulk trans	G	H01.000
P97051	4320-00-691-1071	Pumping assembly, flammable liquid, gas, whl: 4 in outlet, 350 GPM, 275 ft hd	G	H02.500
R62393	All NSN	Refrigerator, mechanical, commercial	G	H01.000
R65544	All NSN	Refrigeration unit, mechanical, panel type: gas drvn	G	H01.500
R65681	All NSN	Refrigeration unit, mechanical, panel type: gas drvn	G	H01.500
R65818	4110-00-391-3207	Refrigeration unit, mechanical, panel type: gas drvn	G	H01.500
S35741	All NSN	Saw, chain: gas drvn	G	H01.000
S37248	3220-00-287-8722	Saw, circular, table type: skid mtd, 16-in blade, gas drvn	G	H02.000
S71613	All NSN	Stlr refrigerator, 7½ ton, w/unit	G	H01.500
T08819	All NSN	Shoe repair shop, tlr mtd	G	H02.500
U11015	3740-00-772-0090	Sprayer, insecticide, frame mounting: gas drvn, mist & solid stream, 180 GPH	G	H01.000
U11289	3740-00-930-9383	Sprayer, insecticide, push cart mtd: mist type, gas drvn, GPH	G	H01.000
Y35143	All NSN	Water purif equip and diatomite filter, 420 GPH	G	H00.750

Table 3–12. Stationary Equipment, Vehicle Mounted

LIN	*NSN*	*Description*	*Fuel*	*Rate*
F89168	All NSN	Delousing outfit, power drvn: 10 gun	G	H00.500
G27664	All NSN	Distributor, bituminous material, tank type: gas drvn, trk mtd, 800 GPM	G	H03.000
G27938	3895-00-527-8620	Distributor, liquid, bituminous material, tankless type: gas, tlr mtd: 350 GPM	G	H02.500
K27486	1055-00-614-7264	Heating and tie-down unit, 762-mm rocket, trk mtd: WE (Honest John)	G	H00.250
K90188	All NSN	Instrument repair shop, trk mtd: 2½ ton, 6 x 6, WE	G	H00.200
L21437	3895-00-051-3834	Kettle, heating, bitumen: gas drvn, tlr mtd, 165 gal	G	H06.000
	3895-00-066-6015		G	H01.250
	All others		G	H01.000
M32780	All NSN	Melter, asphalt: skid mtd, 900 GPH	G	H02.000
T10138	All NSN	Shop equip, contact maint, trk mtd	G	H02.500
T13152	All NSN	Shop equip, org rep, light trk mtd	G	H03.000
U11426	All NSN	Sprayer, insecticide, skid mtd: fog, gas drvn, 40 GPH	G	H03.000
V12141	All NSN	Tank and pump unit, liquid dispersing, trk mounting	G	H00.580
Y35486	4610-00-202-6925	Water purif equip set: trk mtd, diatomite filter, 1,500 GPH (Army)	G	H02.500
Y36034	4610-00-202-8701	Water purif equip set: trk mtd, diatomite filter, 3,000 GPH (Army)	G	H03.500

Table 3–13. Tracked Vehicles

LIN	*NSN*	*Description*	*Fuel*	*Rate*
A93125	All NSN	Armored reconnaissance airborne assault vehicle, full tracked, M551	D	K00.261
D10726	2350-00-071-0732	Carrier, 81-mm, mortar: full tracked (less mortar)	D	K00.250
D10741	All NSN	Carrier, 107-mm mortar: SP (less mortar)	D	K00.250
D10990	2350-00-411-2057	Carrier, cgo, amphibious: tracked	G	K00.138
D11049	2350-00-078-4545	Carrier, cgo: tracked, 6 ton	D	K00.300
D11401	All NSN	Carrier, command and reconnaissance: armored	G	K00.500
D11538	All NSN	Carrier, command post: light-tracked	D	K00.250
D11621	2350-00-056-6809	Carrier: flamethrower	D	K00.250
	2350-00-987-8900		G	K00.369
D12087	All NSN	Carrier, personnel: full-tracked, armored	D	K00.250
D12703	2350-00-873-5418	Carrier, utility, articulated	G	K00.200
E56578	2350-00-795-1797	Combat engineer vehicle, full-tracked	D	K00.844
J96694	2350-00-999-4392	Gun, air defense artillery, SP: 20-mm	D	K00.181
J96820	2350-00-796-8000	Gun, air defense artillery, SP: 40-mm	G	K00.894
K56981	2350-00-439-6243	Howitzer, hv, SP, 8-in	D	K00.413
K57256	2350-00-440-8810	Howitzer, light, SP, 105-mm	D	K00.388
K57667	All NSN	Howitzer, mdm, SP, 155-mm	D	K00.388
R50544	2350-00-439-6242	Recovery vehicle, full-tracked, mdm	D	K00.419
R50681	2350-00-678-5772	Recovery vehicle, full-tracked, mdm	G	K01.250
V12964	2350-00-895-9154	Tank, combat, full-tracked: 90-mm gun	D	K00.750
V13101	All NSN	Tank, combat, full-tracked: 105-mm gun	D	K00.769

Table 3–14. Wheeled Vehicles

LIN	*NSN*	*Description*	*Fuel*	*Rate*
D06124	2320-00-163-2620	Car, armored: light, 4 x 4, WE	G	K00.181
D09579	2320-00-593-9608	Cargo, transporter, off-road, train: high mobility, 45 ton cap	D	K00.469
D14593	6675-00-526-4719	Cartographic section topographic mapping set, trk mtd: (Army)	D	K00.106
F13075	6675-00-526-4824	Copy and supply section topographic mapping set: trk mtd (Army)	D	K00.190
L45534	All NSN	Launcher, rocket: 762-mm trk mtd WE (Honest John)	G	K00.156
M07888	3610-00-294-7830	Map layout section topo repro set, trk mtd: 190-in wheelbase (Army)	D	K00.106
M08025	6675-00-526-4788	Map revision section topographic mapping set, trk mtd: (Army)	D	K00.106
M83242	6675-00-526-4836	Multiplex section topographic mapping set, trk mtd: (Army)	D	K00.106
N87460	6675-00-526-4631	Photomapping section topographic mapping set, trk mtd: (Army)	D	K00.106
N87960	3610-00-691-1707	Photomechanical process section topo repro set, trk mtd. (Army)	D	K00.106
P03804	3610-00-294-7829	Plate process section topographic repro set, trk mtd: (Army)	D	K00.106
P50041	3610-00-204-3137	Press section topographic repro set, trk mtd: (Army)	D	K00.106
R52776	6675-00-526-4629	Rectifier section topographic mapping set, trk mtd: (Army)	D	K00.106
U68809	6675-00-649-8273	Surveying control section, trk mtd: (Army)	D	K00.106
X38639	All NSN	Truck, ambulance: ¼ ton, 4 x 4, WE	G	K00.031
X38776	All NSN	Truck, ambulance: ¾ ton, 4 x 4, WE	G	K00.062
X38913	2310-00-835-8517	Truck, ambulance: ¾ ton, 4 x 4, w/winch, WE	G	K00.062
X38951	2310-00-921-6369	Truck, ambulance: 1¼ ton, 4 x 4, WE	G	K00.075
X38961	2310-00-832-9907	Truck, ambulance: 1¼ ton, 6 x 6, WE	D	K00.062
X39050	2320-00-937-0840	Truck, bolster: 2½ ton, 6 x 6, w/winch WE	G	K00.100
X39187	All NSN	Truck, bolster: 5 ton, 6 x 6, w/winch, WE	D	K00.113
X39461	All NSN	Truck, cgo: ¼ ton, 4 x 4, 5,000 GVW	G	K00.050
X39598	II 1201	Truck, cgo: ¼ to ¾ ton, 4 x 2, 3,500–5,800 GVW	G	K00.069
X39735	All NSN	Truck, cgo: ¾ ton, 4 x 4, WE	G	K00.062
X39872	All NSN	Truck, cgo: ¾ ton, 4 x 4, w/winch, WE	G	K00.062
X29877	II 1205	Truck, cgo: 1 ton, 4 x 2, 7,000 GVW	G	K00.088
X39883	2320-00-921-6365	Truck, cgo: 1¼ ton, 4 x 4, WE	G	K00.075
X39906	2320-00-921-6466	Truck, cgo: 1¼ ton, 4 x 4, w/winch, WE	G	K00.075
X39940	2320-00-873-5407	Truck, cgo: 1¼ ton, 6 x 6, WE	D	K00.081
X40009	2320-00-077-1616	Truck, cgo: 2½ ton, 6 x 6, WE	G	K00.094
	2320-00-542-5633		D	K00.088
	2320-00-834-4507		G	K00.106
	2320-00-835-8463		G	K00.131
X40077	2320-00-926-0873	Truck, cgo: 2½ ton, dropside, 6 x 6, WE	D	K00.131
X40146	All NSN	Truck, cgo: 2½ ton, 6 x 6, w/winch, WE	D	K00.094
X40214	2320-00-926-0875	Truck, cgo: 2½ ton, 6 x 6, dropside, w/winch, WE	D	K00.131
X40263	2320-00-077-1618	Truck, cgo: 2½ ton, 6 x 6, XLWB, WE	D	K00.094
	2320-00-391-0569		G	K00.131
X40420	2320-00-077-1619	Truck, cgo: 2½ ton, 6 x 6, XLWB, w/winch, WE	D	K00.094
	2320-00-647-0505		G	K00.131
X40557	2320-00-200-1368	Truck, cgo: 2½ ton, 6 x 6, XLWB w/acq ant trans kit, WE	G	K00.131
X40694	2320-00-200-1369	Truck, cgo: 2½ ton, 6 x 6, XLWB w/winch, w/acq ant trans kit, WE	G	K00.131
X40794	All NSN	Truck, cgo: dropside, 5 ton, 6 x 6, WE	D	K00.131
X40831	2320-00-086-7481	Truck, cgo: 5 ton, 6 x 6, LWB WE	D	K00.118
	2320-00-835-8348		G	K00.225
	All others		D	K00.125
X40968	2320-00-086-7482	Truck, cgo: 5 ton, 6 x 6, LWB, w/winch	D	K00.118
	2320-00-835-8335		G	K00.225
	All others		D	K00.125
X41105	2320-00-073-8476	Truck, cgo: 5 ton, 6 x 6, XLWB WE	G	K00.144
	All others		D	K00.125
X41242	All NSN	Truck, cgo: 5 ton, 6 x 6, XLWB w/winch WE	D	K00.125
X41310	2320-00-903-0883	Truck, cgo: 5 ton, 8 x 8, WE	D	K00.169
X41327	2320-00-999-8414	Truck, cgo: 5 ton, 8 x 8, w/winch, WE	D	K00.169
X41653	2320-00-873-5422	Truck, cgo: 8 ton, 4 x 4, w/winch, WE	D	K00.300
X41790	2320-00-219-7340	Truck, cgo: 10 ton, 6 x 6, w/winch, WE	G	K00.413
	2320-00-740-0493		D	K00.206
X43297	2320-00-077-1643	Truck, dump: 2½ ton, 6 x 6, WE	D	K00.094
X43434	All NSN	Truck, dump: 2½ ton, 6 x 6, w/winch, WE	D	K00.094
X43708	2320-00-005-9262	Truck, dump: 5 ton, 6 x 6, WE	G	K00.144
	2320-00-835-8336		G	K00.144
	All others		D	K00.125
X43845	2320-00-055-9263	Truck, dump: 5-ton, 6 x 6, w/winch, WE	G	K00.144
	2320-00-835-8337		G	K00.225
	All others		D	K00.125
X44735	4210-00-236-6260	Truck, fire fighting: brush pumper, crash type, water and foam, 750 GPM	G	H05.000

Table 3–14. Wheeled Vehicles—Continued

LIN	*NSN*	*Description*	*Fuel*	*Rate*
X53709	All NSN	Truck, maintenance: telephone ¾ ton, 4 x 4, w/winch, WE	G	K00.063
X53775	2320-00-921-6833	Truck, maintenance: telephone 1¼ ton, 4 x 4, w/winch, WE	G	K00.075
X53846	2320-00-498-8377	Truck, maintenance: telephone construction, 2½ ton, 6 x 6, w/winch, WE	G	K00.131
X53983	2320-00-937-5980	Truck, maintenance: earth borer, pole setter, 2½ ton, 6 x 6, w/winch, WE	G	K00.131
X54120	2320-00-097-6005	Truck, maintenance: general purpose, repair shop, 2½ ton	G	K00.088
X55079	2320-00-534-8390	Truck, photographic map reproduction, 2½ ton	G	K00.088
X55216	2320-00-904-3277	Truck, maintenance. pipeline construction, 2½ ton, 6 x 6, w/winch, WE	D	K00.094
X55627	All NSN	Truck, platform util, ½ ton, 4 x 4, WE, M274	G	K00.044
X56586	2320-00-050-9015	Truck, stake: 5 ton, 6 x 6, w/winch, WE	D	K00.113
	2320-00-200-1682		G	K00.156
	2320-00-880-4652		G	K00.156
X57271	2320-00-077-1631	Truck, tank: fuel servicing, 2½ ton, 6 x 6, WE	D	K00.088
	2320-00-077-1631		G	K00.094
	2320-00-440-3349		D	K00.088
	2320-00-440-3349		G	K00.094
X57408	2320-00-077-1632	Truck, tank: fuel servicing, 2½ ton, 6 x 6, w/winch, WE	D	K00.088
	2320-00-077-1632		G	K00.094
	2320-00-440-3346		D	K00.088
	2320-00-440-3346		G	K00.094
X58093	2320-00-873-5420	Truck, tank: fuel servicing, 2,500 gal, 4 x 4, w/winch, WE	D	K00.300
X58367	All NSN	Truck, tank: water, 1,000 gal, 2½ ton, 6 x 6, WE	D	K00.094
X58504	All NSN	Truck, tank: water, 1,000 gal, 2½ ton, 6 x 6, w/winch, WE	D	K00.119
X59052	Diesel	Truck, tractor: 2½ ton, 6 x 6, WE	D	K00.094
	MOGAS		G	K00.131
X59189	2320-00-077-1641	Truck, tractor: 2½ ton, 6 x 6, w/winch, WE	D	K00.094
	2320-00-077-1641		G	K00.131
X59326	All diesel fuel	Truck, tractor: 5 ton, 6 x 6, WE	D	K00.125
	2320-00-055-9260		G	K00.144
	2320-00-835-8326		G	K00.225
X59463	All diesel fuel	Truck, tractor: 5 ton, 6 x 6, w/winch, WE	D	K00.125
	2320-00-055-9261		G	K00.144
	2320-00-835-8329		G	K00.225
X59505	2320-00-937-1846	Truck, tractor: 5 ton, 8 x 8, w/winch, WE	D	K00.113
X59600	All diesel fuel	Truck, tractor: 10 ton, 6 x 6, w/dual midship winch, w/hi mtd 5th whl, WE	D	K00.281
	2320-00-395-1875		G	K00.344
	All other MOGAS		G	K00.625
X59737	2320-00-542-2509	Truck, tractor: 10 ton, 6 x 6, w/dual midship winch, w/low mtd 5th whl, WE	G	K00.344
X59874	2320-00-266-6081	Truck, tractor: 10 ton, 6 x 6, w/midship winch, w/low mtd 5th whl, WE	D	K00.144
	2320-00-294-9552		G	K00.344
X60696	2320-00-050-9004	Truck, tractor, wrecker: 5 ton, 6 x 6, w/winch, WE	D	K00.125
	2320-00-073-8251		D	K00.125
	2320-00-073-8251		G	K00.144
	2320-00-695-9375		D	K00.144
	2320-00-835-8639		D	K00 125
	2320-00-835-8639		G	K00.225
X60833	All NSN	Truck, utility: ¼ ton, 4 x 4, WE	G	K00.038
X61244	All NSN	Truck, utility: ¼ ton, 4 x 4, carrier for 106-mm rifle, WE	G	K00.038
X61381	2320-00-445-0867	Truck, utility: ¼ ton, 4 x 4, for DAVY CROCKETT, WE	G	K00.031
X61929	All NSN	Truck, van: expansible, 2½ ton, 6 x 6 (Army)	D	K00.094
X62203	All NSN	Truck, van: expansible, 2½ ton, 6 x 6, w/hydraulic lift gate (Army)	G	K00.131
X62237	All NSN	Truck, van: expansible, 5 ton, 6 x 6 (Army)	G	K00.113
X62271	All NSN	Truck, van: expansible, 5 ton hydraulic lift gate (Army)	G	K00.113
X62340	All NSN	Truck, van: shop, 2½ ton, 6 x 6, WE	D	K00.094
X62477	All diesel fuel	Truck, van: shop, 2½ ton, 6 x 6, w/winch, WE	D	K00.094
	2320-00-077-1637		G	K00.094
	2320-00-289-6473		G	K00.131
	2320-00-440-8308		G	K00.094
X62888	2320-00-690-7500	Truck, wrecker: crane, 2½ ton, 6 x 6, WE	G	K00.131
X63162	2320-00-835-8343	Truck, wrecker: crane, 2½ ton, 6 x 6, WE	G	K00.131
X63299	All diesel fuel	Truck, wrecker: 5 ton, 6 x 6, w/winch, WE	D	K00.125
	2320-00-055-9258		G	K00.144
	2320-00-445-0866		G	K00.225
	2320-00-835-8325		G	K00.225
X63436	2320-00-873-5426	Truck, wrecker: 10 ton, 4 x 4, WE	D	K00.281

Table 3–15. Aircraft

LIN	*NSN*	*Description*	*Fuel*	*Rate (GPH)*
A30053	1510-00-929-1012	Airplane, flight trainer: T–41B	AVGAS	6.10
A30221	1510-00-715-9379	Airplane, observation, STOL: OV–1B	JP-4	190.00
A30271	1510-00-715-9380	Airplane, observation, STOL: OV–1C	JP-4	190.30
A30296	1510-00-869-3654	Airplane, observation, STOL: OV–1D	JP-4	190.30
A30465	1510-00-945-9998	Airplane, reconnaissance, util: RU–8D	AVGAS	31.43
A30585	1510-00-804-3641	Airplane, reconnaissance, util: RU–21D	JP-4	80.00
A30586	1510-00-453-9451	Airplane, reconnaissance, util: RU–21E	JP-4	80.00
A30596	1510-00-872-7908	Airplane, trainer: instrument T–42A	AVGAS	27.60
A30721	1510-00-574-7938	Airplane, utility: U–8D	AVGAS	31.43
A30821	1510-00-701-2233	Airplane, utility: U–8F	AVGAS	30.00
A30831	1510-00-912-4084	Airplane, utility: U–8G	AVGAS	31.43
A30946	1510-00-933-8223	Airplane, utility: U–21A	JP-4	80.00
A30953	1510-00-140-1627	Airplane, utility: U–21G	JP-4	107.00
A30971	1510-00-964-9780	Airplane, utility: U–10A	AVGAS	17.00
K29660	1520-00-999-9821	Helicopter, attack. AH–1G	JP-4	97.00
K29762	1520-00-804-3635	Helicopter, attack, trainer: TH–1G	JP-4	97.00
K30378	1520-00-633-6836	Helicopter, cargo, transport: CH–47A	JP-4	452.00
K30383	1520-00-990-2941	Helicopter, cargo, transport: CH–47B	JP-4	452.00
K30449	1520-00-871-7308	Helicopter, cargo, transport: CH–47C	JP-4	450.00
K30515	1520-00-964-9601	Helicopter, cargo, transport: CH–54A	JP-4	470.00
K30516	1520-00-113-5776	Helicopter, cargo, transport: CH–54B	JP-4	445.00
K30645	1520-00-918-1523	Helicopter, observation: OH–6A	JP-4	29.00
K31042	1520-00-169-7137	Helicopter, observation: OH–58A	JP-4	29.00
K31153	1520-00-758-0289	Helicopter, primary, trainer: TH–55A	AVGAS	10.00
K31759	1520-00-713-9912	Helicopter, utility: UH–1B	JP-4	97.00
K31767	1520-00-997-8862	Helicopter, utility: UH–1C	JP-4	97.00
K31786	1520-00-859-2670	Helicopter, utility: UH–1D	JP-4	97.00
K31795	1520-00-087-7637	Helicopter, utility: UH–1H	JP-4	97.00
K31804	1520-00-809-2631	Helicopter, utility: UH–1M	JP-4	97.00

f. Fuel Consumption Rates—Divisional Units

(1) Fuel consumption within a division is a total of many factors. These factors include: intensity of conflict, level of commitment, terrain, temperature, type equipment, number of units, etc. The tables listed below contain the planning factors for the division base of the following H-series TOE divisions:

Type	*Table number*
Armored division	3–16
Mechanized division	3–17
Air assault division	3–18
Infantry division	3–19
Airborne division	3–20
Maneuver battalions	3–21

(2) Each division table is divided into the 10 consumption categories and provides a usage factor of either gallons per one hour of operation or gallons per kilometer. In order to use the tables correctly, the planner should first determine the TOE concerned, then determine the mission and posture of the unit and finally, add together the appropriate columns to determine fuel consumption factor.

3–7. Class IV Supply

a. General. Class IV supplies consist of construction materiels, to include installed equipment, and all fortification and barrier materials. Requests for class IV supplies normally require command approval.

b. Weights and Cubes. FM 5–35, *Engineer's Reference and Logistical Data*, provides weights and cubes for construction and fortification materials.

Table 3–16. Bulk POL Requirements–Armored Division (TOE 17H)

1	2	3	4		5		6		7		8		9		10		11		12		13
			a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	
No of units	TOE	Unit	Amphibious GPH MO	DF	Construction GPH MO	DF	Generator GPH MO	DF	Heating GPH MO	DF	MHE GPH MO	DF	Stationary equipment GPH MO	DF	Stationary equipment veh mtd GPH MO	DF	Tracked vehicle gal/1 km MO	DF	Wheeled vehicle gal/1 km MO	DF	Aircraft GPH JP4
1	17H	Armd div	20		22	363	512	52	234	248		59	145		40	2	33.8	96.2	32.7	85.2	3,586
1	17-4H	HHC					13	7	5	6			1					.5	1.2	.7	
1	19-27H	MP co					7		2				1						2.1	.3	
1	17-87H	Div avn co					12	4	10	4			2						.6	1.1	634
1	11-35H	Sig bn					124		7	16			4						8.7	4.4	
(1)	11-36H	HHC					(23)						(1)						(1.0)	(1.7)	
(1)	11-37H	Comd op co					(42)		(3)	(6)			(1)						(2.7)	(1.3)	
(1)	11-38H	Fwd comm co					(33)		(2)	(4)			(1)						(2.8)	(.5)	
(1)	11-39H	Sig spt op co					(27)		(2)	(6)			(1)						(2.2)	(1.0)	
1	5-145H	Engr bn	20		10	355	38		24	26		6	61		17		2.5	18.3	1.1	9.7	
(1)	5-146H	HHC			(10)	(48)	(21)		(4)	(6)		6	(6)		(13)		(2.5)	(1.5)	(.7)	(3.2)	
(4)	5-147H	Cbt engr co (each)				(30)	(4)		(4)	(4)			(13)					(4.2)	(.1)	(1.2)	
(1)	5-148H	Brg co	(20)			(187)	(3)		(4)	(4)			(3)		(4)				(.2)	(1.9)	
3	17-42H	HHC, armd bde (each)					12		10	4			2		1			1.0	.5	1.1	116
1	17-105H	Armd cav sqdn					20		28	22		11	8		2		25.0	11.6	1.3	6.4	2,083
(1)	17-106H	HHT					(8)		(14)	(22)			(2)		(1)		(1.0)	(2.5)	(.5)	(2.9)	
(3)	17-107H	Armd cav trp (each)					(1)						(1)				(8.0)	(3.1)	(.2)	(.5)	
(1)	17-108H	Air cav trp					(10)		(14)			(11)	(3)		(1)				(.1)	(1.9)	(2,083)
1	6-300H	Armd div arty					180		75	112			37		12		1.3	62.8	7.7	26.7	406
1	6-302H	HHB					29		10	6			4		1				1.3	1.9	406
3	6-305H	FA bn 155-mm (each)					21		12	20			6		1			14.9	.8	3.5	
(1)	6-366H	HH8, 155-mm					(8)		(2)	(4)			(1)					(1.8)	(.3)	(1.4)	
(3)	6-367H	FA btry, 155-mm (each)					(3)		(2)	(4)			(1)					(4.4)	(.2)	(.4)	
(1)	6-369H	Svc btry, 155-mm					(4)		(4)	(4)			(2)		(1)				(.1)	(1.0)	
1	6-395H	FA bn, 8-in					24		12	18			6		1		1.3	9.8	.7	4.0	
(1)	6-396H	HHB, 8-in					(6)		(2)	(4)			(1)					(.5)	(.3)	(1.1)	

LEGEND

MO (MOGAS)–DF (DIESEL)

NOTE: Lettered columns show total gallons of fuel required to move equipment one kilometer or operate stationary equipment one hour. Figures in parentheses are totals of all equipment authorized by TOE and should be further multiplied by the number of units. Figures not in parentheses are the averaged totals of all equipment and all units organic to the particular TOE under consideration.

Table 3–16. Armored Division (TOE 17H)—Continued)

1	2	3	4		5		6		7		8		9		10		11		12		13
			a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	
No of units	TOE	Unit	Amphibious GPH MO	Amphibious GPH DF	Construction GPH MO	Construction GPH DF	Generator GPH MO	Generator GPH DF	Heating GPH MO	Heating GPH DF	MHE GPH MO	MHE GPH DF	Stationary equipment GPH MO	Stationary equipment GPH DF	Stationary equipment veh mtd GPH MO	Stationary equipment veh mtd GPH DF	Tracked vehicle gal/1 km MO	Tracked vehicle gal/1 km DF	Wheeled vehicle gal/1 km MO	Wheeled vehicle gal/1 km DF	Aircraft GPH JP4
(3)	6-397H	FA btry, 8-in (each)					(4)		(2)	(4)			(1)					(3.1)	(.1)	(.6)	
(1)	6-399H	Svc btry, 8-in					(4)		(4)	(2)			(2)		(1)		(1.3)		(.1)	(1.1)	
1	6-175H	FA bn, HJ					19		7	8			4		3				1.6	3.5	
(1)	6-176H	H&S btry, HJ					(8)		(4)	(4)			(2)		(1)				(.7)	(1.3)	
(2)	6-177H	FA btry, HJ (each)					(6)		(2)	(2)			(1)		(1)				(.5)	(1.1)	
1	44-325H	ADA bn, C/V					46		12	20			5		5			8.3	1.6	7.0	
(1)	44-326H	HHB					(27)		(4)	(4)			(1)		(1)				(.9)	(1.5)	
(2)	44-327H	ADA btry, Vulcan (each)					(4)		(2)	(4)			(1)		(1)			(3.2)	(.2)	(1.5)	
(2)	44-328H	ADA btry, Chap (each)					(6)		(2)	(4)			(1)		(1)			(1.0)	(.2)	(1.3)	
1	29-1H	DISCOM			11	8	84	41	54	50		42	25		8	2	5.0		8.7	32.8	115
1	29-2H	HHC					2	24	2	4			1						.5	.9	
1	12-7H	AG co					2	4	5	8			1						.3	.4	
1	14-7H	Fin co					7		2	4									.1	.1	
1	8-35H	Med bn					39		20	18			5						3.4	3.1	
(1)	8-36H	HQ & spt co					(14)		(7)	(6)			(2)						(1.2)	(1.2)	
(3)	8-37H	Med co (each)					(8)		(5)	(4)			(1)						(.7)	(.6)	
1	29-115H	S&T bn				8	12	4	14	10		17	2		4				1.3	12.6	
(1)	29-6H	HHC					(2)	(4)	(4)	(10)									.5	.3	
(1)	10-7H	S&S co				8	(6)		(6)			(17)	(1)						(.5)	(1.0)	
(1)	55-87H	TMT co					(4)		(5)				(1)		(4)				(.3)	(11.2)	
1	29-35H	Maint bn			11		68	8	34	28		25	16		5	2	5.0		3.2	15.7	115
(1)	29-36H	HQ & lt maint co					(8)		(2)	(4)		(6)	(1)			1			(.3)	(3.2)	
(3)	29-37H	Fwd spt co (each)			(3)		(12)		(2)	(4)		(4)	(3)			(1)	(1.3)		(.2)	(2.9)	
(1)	29-38H	Hv maint co			(3)		(14)		(3)	(8)		(4)	(4)		(4)		(1.3)		(2.1)	(2.4)	
(1)	55-424H	Trans acft maint co			(1)		(10)	(8)	(23)	(4)		(6)	(2)		(1)				(.3)	(1.5)	(115)

Table 3–17. Mechanized Division (TOE 37H)

1	2	3	4		5		6		7		8		9		10		11		12		13
			a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	
No of units	TOE	Unit	Amphibious GPH MO	DF	Construction GPH MO	DF	Generator GPH MO	DF	Heating GPH MO	DF	MHE GPH MO	DF	Stationary equipment GPH MO	DF	Stationary equipment veh mtd GPH MO	DF	Tracked vehicle gal/1 km MO	DF	Wheeled vehicle gal/1 km MO	DF	Aircraft GPH JP4
1	37H	Mech div	20		13	360	560	64	253	272		62	145		51	2	31.9	99.9	32.0	82.1	3,586
1	37-4H	HHC					13	7	5	10			1					.5	1.1	.7	
1	19-27H	MP co					6		2				1						2.1	.3	
1	37-87H	Div avn co					15	8	10	4			2		1				.5	1.0	634
1	11-35H	Sig bn					124		7	16			4						8.7	4.4	
(1)	11-36H	HHC					(23)						(1)						(1.0)	(1.7)	
(1)	11-37H	Comd op co					(42)		(3)	(6)			(1)						(2.7)	(1.3)	
(1)	11-38H	Fwd comm co					(33)		(2)	(4)			(1)						(2.8)	(.5)	
(1)	11-39H	Sig spt op co					(27)		(2)	(6)			(1)						(2.2)	(1.0)	
1	5-145H	Engr bn	20		2	352	38		24	26		10	61		26		2.5	18.3	1.1	9.8	
(1)	5-146H	HHC			2	48	(21)		(4)	(6)		(6)	(6)		(22)		(2.5)	(1.5)	(.7)	(3.3)	
(4)	5-147H	Cbt engr co (each)				30	(4)		(4)	(4)			(13)					(4.2)	(.1)	(1.2)	
(1)	5-148H	Brg co	20			184	(3)		(4)	(4)		(4)	(3)		(4)				(.2)	(1.9)	
3	37-42H	HHC, inf bde (each)					12		10	4			2					1.3	.5	.9	116
1	17-105H	Armd cav sqdn					19		28	22		11	8		2	1	26.5	14.6	.8	5.3	2,083
(1)	17-106H	HHT					(8)		(14)	(22)			(2)		(1)	(1)	(2.5)		(.5)	(2.9)	
(3)	17-107H	Armd cav trp (each)					(1)						(1)				(8.0)	(4.9)	(.1)	(.2)	
(1)	17-108H	Air cav trp					(10)		(14)			(11)	(3)		(1)				(.1)	(1.9)	(2,083)
1	6-300H	Armd div arty					180		75	112			37		12		1.3	62.8	7.7	26.7	406
1	6-302H	HH8					29		10	6			4		1				1.3	1.9	406
3	6-365H	FA bn, 155-mm (each)					21		12	20			6		1			14.9	.8	3.5	
(1)	6-366H	HHB, 155-mm					(8)		(2)	(4)			(1)					(1.8)	(.3)	(1.4)	
(3)	6-367H	FA btry, 155-mm (each)					(3)		(2)	(4)			(1)					(4.4)	(.2)	(.4)	
(1)	6-369H	Svc btry, 155-mm					(4)		(4)	(4)			(2)		(1)				(.1)	(1.0)	
1	6-395H	FA bn, 8-in					24		12	18			6		1		1.3	9.8	.7	4.0	
(1)	6-396H	HHB, 8-in					(6)		(2)	(4)			(1)					(.5)	(.3)	(1.1)	
(3)	6-397H	FA btry, 8-in (each)					(4)		(2)	(4)			(1)					(3.1)	(.1)	(.6)	

Table 3–17. Mechanized Division (TOE 37H)—Continued

1	2	3	4		5		6		7		8		9		10		11		12		13
			a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	
No of units	TOE	Unit	Amphibious GPH MO	Amphibious GPH DF	Construction GPH MO	Construction GPH DF	Generator GPH MO	Generator GPH DF	Heating GPH MO	Heating GPH DF	MHE GPH MO	MHE GPH DF	Stationary equipment GPH MO	Stationary equipment GPH DF	Stationary equipment veh mtd GPH MO	Stationary equipment veh mtd GPH DF	Tracked vehicle gal/1 km MO	Tracked vehicle gal/1 km DF	Wheeled vehicle gal/1 km MO	Wheeled vehicle gal/1 km DF	Aircraft GPH JP4
(1)	6-399H	Svc btry, 8-in					(4)		(4)	(2)			(2)		(1)		(1.3)		(.1)	(1.1)	
1	6-175H	FA bn, HJ					19		7	8			4		3				1.6	3.5	
(1)	6-176H	H&S btry					(8)		(4)	(4)			(2)		(1)				(.7)	(1.3)	
(2)	6-177H	FA btry, HJ (each)					(6)		(2)	(2)			(1)		(1)				(.5)	(1.1)	
1	44-325H	ADA bn, Chap/Vulc					46		12	20			5		5			8.3	1.6	6.9	
(1)	44-326H	HH8, Chap/Vulc					(27)		(4)	(4)			(1)		(1)				(.9)	(1.4)	
(2)	44-327H	ADA btry, Vulc (each)					(4)		(2)	(4)			(1)		(1)			(3.2)	(.2)	(1.5)	
(2)	44-328H	ADA btry, Chap (each)					(6)		(2)	(4)			(1)		(1)			(1.0)	(.2)	(1.3)	
1	29-11H	DISCOM			11	8	128	49	74	70		42	25		11	1	1.7		8.5	31.2	115
1	29-2H	HHC					2	26	2	4			1						.5	.9	
1	12-7H	AG co					2	4	5	8			1						.3	.5	
1	14-7H	Fin co					6		2	4									.1	.1	
1	8-35H	Med bn					39		20	18			5						3.4	3.1	
(1)	8-36H	H&S co					(14)		(7)	(6)			(2)						(1.2)	(1.2)	
(3)	8-37H	Med co (each)					(8)		(5)	(4)			(1)						(.7)	(.6)	
1	29-65H	S&T bn				8	12	4	12	10		17	2		2				1.3	11 8	
(1)	29-6H	HHC					(2)	(4)	(4)	(10)									(.5)	(.3)	
(1)	10-7H	S&S co				8	(6)		(6)			(17)	(1)						(.5)	(1.0)	
(1)	55-84H	TMT co					(4)		(3)				(1)		(2)				(.3)	(10.4)	
1	29-25H	Maint bn			11		68	4	33	26		25	16		9	1	1.7		3.0	16.9	115
(1)	29-26H	HQ & lt maint co					(12)	(6)	(2)	(4)		(6)	(1)						(.3)	(3.43)	
(3)	29-27H	Fwd spt co (each)			(3)		(11)		(2)	(4)		(4)	(3)			(1)	(.4)		(.1)	(3.2)	
(1)	29-28H	Hv maint co			(3)		(14)		(2)	(6)		(4)	(4)		(8)		(.4)		(2.0)	(2.3)	
(1)	55-424H	Trans acft maint co			(1)		(10)	(8)	(23)	(4)		(6)	(2)		(1)				(.3)	(1.5)	(115)

Table 3–18. Air Assault Division (TOE 67H)

1	2	3	4		5		6		7		8		9		10		11		12		13
			a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	
No of units	TOE	Unit	Amphibious GPH MO	Amphibious GPH DF	Construction GPH MO	Construction GPH DF	Generator GPH MO	Generator GPH DF	Heating GPH MO	Heating GPH DF	MHE GPH MO	MHE GPH DF	Stationary equipment GPH MO	Stationary equipment GPH DF	Stationary equipment veh mtd GPH MO	Stationary equipment veh mtd GPH DF	Tracked vehicle gal/1 km MO	Tracked vehicle gal/1 km DF	Wheeled vehicle gal/1 km MO	Wheeled vehicle gal/1 km DF	Aircraft GPH JP4
1	67-H	AASLT div			12	355	832	99	635	352	151.0	93	214		58				42.6	51.1	53,133
1	67-4H	HHC					5		7	10			1						1.2	.3	
1	19-87H	MP co					5		2				1						1.7	.1	
1	7-200H	Avn gp			2	70	256	4	310	74	54.0		45		4				12.5	4.7	37,862
1	7-201H	HHC			2		44	4	3	8			1						1.3	.1	
1	7-202H	GS, avn co				5	26		33	6	3.0		2						.9	.7	2,130
2	7-255H	Aslt hel bn (each)				20	69		101	20	12.0		17		1				4.2	1.3	8,151
(1)	7-256H	HHC					(8)		(7)	(4)			(2)		(1)				(.7)	(.5)	(87)
(1)	7-257H	Atk hel co				(5)	(16)		(29)	(4)	(3.0)		(3)						(1.0)	(.3)	(1,164)
(3)	7-258H	Aslt hel co (each)				(5)	(15)		(22)	(4)	(3.0)		(4)						(.9)	(.2)	(2,300)
1	1-165H	Aslt spt hel bn				15	48		73	20	15		8		2				1.9	1.2	19,430
(1)	1-166H	HHC					(8)		(7)	(2)			(2)						(.3)	(.2)	(230)
(3)	1-167H	Aslt spt hel co (each)				(5)	(14)		(22)	(6)	(5)		(2)		(1)				(.5)	(.4)	(6,400)
1	11-205H	Sig bn					113		7	14			1						2.7	.4	
(1)	11-206H	H&S co					(13)		(2)				(1)						(.7)	(.2)	
(1)	11-207H	Comd comm co					(49)		(3)	(8)									(1.4)	(.1)	
(1)	11-208H	Fwd comm co					(51)		(2)	(6)									(1.6)	(.1)	
1	5-215H	Engr bn			10	222	33		21	22		6	73		16				1.9	6.3	
(1)	5-216H	HHC			(10)	(178)	(25)		(5)	(6)		(6)	(1)		(16)				(1.0)	(2.5)	
(4)	5-217H	Engr co (each)				(6)	(2)		(4)	(4)			(18)						(.2)	(.9)	
3	67-42H	Bde HHC (each)					13		9	4			4						.6	.4	692
1	17-95H	Air cav sqdn					55		66	28	21		17		2				2.9	3.4	6,709
(1)	17-96H	HHT					(14)		(18)	(28)	(3)		(4)		(2)				(.8)	(1.9)	(460)
(3)	17-98H	Air cav trp (each)					(13)		(15)		(6)		(4)						(.5)	(.2)	(2,083)
(1)	17-99H	Cav trp					(2)		(2)				(1)						(.7)	(1.0)	
1	6-700H	Div arty				10	159		86	110	3	6	25		2				7.1	26.1	4,646
1	6-701H	HHB					12		2	4			1						.5	.8	

Table 3–18. Air Assault Division (TOE 67H)—Continued

1	2	3	4		5		6		7		8		9		10		11		12		13
			a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	
No of units	TOE	Unit	Amphibious GPH MO	Amphibious GPH DF	Construction GPH MO	Construction GPH DF	Generator GPH MO	Generator GPH DF	Heating GPH MO	Heating GPH DF	MHE GPH MO	MHE GPH DF	Stationary equipment GPH MO	Stationary equipment GPH DF	Stationary equipment veh mtd GPH MO	Stationary equipment veh mtd GPH DF	Tracked vehicle gal/1 km MO	Tracked vehicle gal/1 km DF	Wheeled vehicle gal/1 km MO	Wheeled vehicle gal/1 km DF	Aircraft GPH JP4
1	6-702H	Avn btry				5	12		14	4		6	3		1				.6	.1	809
3	6-705H	FA bn, 105-mm					19		5	16			1						.9	1.1	
(1)	6-706H	H&S btry					(11)		(2)	(4)			(1)						(.6)	(1.1)	
(3)	6-707H	FA btry, 105-mm (each)					(3)		(1)	(4)									(.1)		
1	6-715H	FA bn, 155-mm					24		12	18			6		1				5	7.8	
(1)	6-716H	HHB					(8)		(2)	(4)			(1)						(3)	(1.3)	
(3)	6-717H	FA btry, 155-mm (each)					(4)		(2)	(4)			(1)						(.1)	(1.5)	
(1)	6-719H	Svc btry, 155-mm					(4)		(4)	(2)			(2)		(1)				(.1)	(2.0)	
1	6-725H	Aerial FA bn				5	26		7	16	3		11		1				1.9	.7	3,837
(1)	6-726H	H&S btry				(5)	(8)		(10)	(4)	(3)		(2)		(1)				(.6)	(.2)	(345)
(3)	6-727H	Aerial FA btry (each)					(6)		(9)	(4)			(3)						(.4)	(.2)	(1,164)
1	44-435H	ADA bn, Vulc					28		6	20			1						.8	7.2	
(1)	44-436H	HH8					(21)		(2)	(4)			(1)						(.7)	(1.0)	
(4)	44-437H	ADA btry, Vulc (each)					(2)		(1)	(4)									(.1)	(1.5)	
1	29-41H	DISCOM				53	166	94	109	82	73	82	39		34				10.7	8.8	1,840
1	29-42H	HHC					9	31	2	6			3						.5	.8	
1	29-43H	Div mat mgt cen					1	12	2	1			1						.5	.2	
1	12-27H	AG co					3	4	5	8			1						.3	.3	
1	14-27H	Fin co					6		2	4									.1	.1	
1	29-95H	S&S bn				8	22	7	17	10	73	48	12		1				1.5	3.6	
(1)	29-96H	HHD					(3)		(2)	(4)									(.3)	(.1)	
(1)	29-97H	Main S&S det				(8)	(6)	(4)	(8)	(6)	(18)	(20)	(3)		(1)				(.2)	(3.0)	
(3)	29-98H	Fwd spt svc det (each)					(2)		(3)		(18)		(3)						(.3)	(.1)	
(1)	10-94H	QM airdrop equip co					(6)	(4)			(1)	(29)							(.4)	(.2)	
1	55-405H	Trans acft maint bn				40	26	41	33	12		11	4						2.0	.7	460
(1)	55-406H	HHD					(2)												(.1)		
(2)	55-407H	Acft maint co				(20)	(12)	(20)	(17)	(6)		(6)	(2)						(.9)	(.4)	(230)

Table 3–18. Air Assault Division (TOE 67H)–Continued

1	2	3	4		5		6		7		8		9		10		11		12		13
			a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	
No of units	TOE	Unit	Amphibious GPH MO	DF	Construction GPH MO	DF	Generator GPH MO	DF	Heating GPH MO	DF	MHE GPH MO	DF	Stationary equipment GPH MO	DF	Stationary equipment veh mtd GPH MO	DF	Tracked vehicle gal/1 km MO	DF	Wheeled vehicle gal/1 km MO	DF	Aircraft GPH JP4
1	8-25H	Med bn					41		12	18			6		1				1.1	1.7	1,380
(1)	8-26H	H&S co					(15)		(12)	(6)			(6)		(1)				(.8)	(.4)	(1,380)
(3)	8-27H	Med co (each)					(8)		(4)	(4)									(.1)	(.5)	
1	29-85H	Maint bn				5	60		37	20		22	12		32				4.8	1.4	
(1)	29-86H	HQ & maint spt co				5	(16)		(13)	(8)		(6)	(3)		(8)				(1.3)	(.2)	
(3)	29-87H	Fwd spt co (each)					(12)		(7)	(4)		(6)	(3)		(8)				(.9)	(.4)	
(1)	9-558H	Ord msl spt det					(9)		(2)										(1.0)	(.2)	

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Table 3–19. Infantry Division (TOE 7H)

1	2	3	4		5		6		7		8		9		10		11		12		13
			a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	
No of units	TOE	Unit	Amphibious GPH MO	Amphibious GPH DF	Construction GPH MO	Construction GPH DF	Generator GPH MO	Generator GPH DF	Heating GPH MO	Heating GPH DF	MHE GPH MO	MHE GPH DF	Stationary equipment GPH MO	Stationary equipment GPH DF	Stationary equipment veh mtd GPH MO	Stationary equipment veh mtd GPH DF	Tracked vehicle gal/1 km MO	Tracked vehicle gal/1 km DF	Wheeled vehicle gal/1 km MO	Wheeled vehicle gal/1 km DF	Aircraft GPH JP4
1	7H	Inf div			1	174	126	88	307	264	9	86	153		85	1	18.5	18.8	34.3	94.8	8,308
1	7-4H	HHC					13	7	5	10			1						1.1	.6	
1	19-27H	MP co					7		2				1						2.1	.3	
1	57-55H	Avn bn					35	7	37	12	3		7						2.1	1.4	4,206
(1)	57-56H	HHC					(9)	(7)					(1)						(.9)	(.5)	
(1)	57-57H	Aslt hel co					(18)		(23)	(6)	(3)		(2)						(.7)	(.7)	(3,227)
(1)	57-58H	Avn GS co					(9)		(14)	(6)			(4)						(.6)	(.3)	(979)
1	11-35H	Sig bn					124		7	16			4						8.7	4.4	
(1)	11-36H	HHC					(23)						(1)						(1.0)	(1.7)	
(1)	11-37H	Comd op co					(42)		(3)	(6)			(1)						(2.7)	(1.3)	
(1)	11-38H	Fwd comm co					(33)		(2)	(4)			(1)						(2.8)	(.5)	
(1)	11-39H	Spt op co					(27)		(2)	(6)			(1)						(2.2)	(1.0)	
1	5-155H	Engr bn				156	33		16	18		6	48		24		1.3	2.5	.9	11.1	
(1)	5-156H	HHC				48	(21)		(4)	(6)		(6)	(9)		(24)		(1.3)		(.8)	(3.6)	
(3)	5-157H	Engr co (each)				36	(4)		(4)	(4)			(13)					(.8)	(.1)	(2.5)	
3	7-42H	8de HHC inf div (each)					13		10	4			2						.5	.8	346
1	17-205H	Air cav sqdn					41		49	24	6	39	20		2		8.0	4.9	.9	8.9	2,543
(1)	17-206H	HHT					(12)		(15)	(24)	(6)	(6)	(4)		(2)				(.5)	(4.5)	(460)
(1)	17-207H	Armd cav trp (each)					(1)						(1)				(8.0)	(4.9)	(.1)	(.2)	
(3)	17-208H	Air cav trp (each)					(9)		(11)			(11)	(5)						(.1)	(1.4)	(2,083)
1	6-100H	Div arty					178		80	110			38		11		1.3	11.4	9.6	37.6	406
1	6-302H	HH8					29		10	6			4		1				1.3	1.8	406
3	6-155H	FA bn, 105-mm (each)					20		11	18			6		1				1.3	5.9	
(1)	6-156H	HHB, 105-mm					(11)		(2)	(4)			(1)						(.7)	(1.1)	
(3)	6-157H	FA btry, 105-mm (each)					(2)		(2)	(4)			(1)						(2)	(1.1)	
(1)	6-159H	Svc btry, 105-mm					(3)		(3)	(2)			(2)		(1)				(.1)	(1.6)	
1	6-165H	FA bn, 155-mm					24		14	22			7		1		1.3	3.1	1.2	7.7	

Table 3–19. Infantry Division (TOE 7H)—Continued

1	2	3	4		5		6		7		8		9		10		11		12		13
			a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	
No of units	TOE	Unit	Amphibious GPH MO	Amphibious GPH DF	Construction GPH MO	Construction GPH DF	Generator GPH MO	Generator GPH DF	Heating GPH MO	Heating GPH DF	MHE GPH MO	MHE GPH DF	Stationary equipment GPH MO	Stationary equipment GPH DF	Stationary equipment veh mtd GPH MO	Stationary equipment veh mtd GPH DF	Tracked vehicle gal/1 km MO	Tracked vehicle gal/1 km DF	Wheeled vehicle gal/1 km MO	Wheeled vehicle gal/1 km DF	Aircraft GPH JP4
(1)	6-166H	HHB, 155-mm					(8)		(2)	(4)			(1)						(.7)	(.9)	
(3)	6-167H	FA btry, 155-mm (each)					(3)		(2)	(4)			(1)						(.1)	(1.8)	
(1)	6-169H	Svc btry, 155-mm					(4)		(4)	(2)			(2)		(1)		(1.3)		(.1)	(1.0)	
(1)	6-358H	FA btry, 8-in SP					(2)		(2)	(4)			(1)					(3.1)	(.1)	(.5)	
1	6-175H	FA bn, HJ					19		10	8			4		3				1.6	3.5	
(1)	6-176H	H&S btry					(8)		(4)	(4)			(2)		(1)				(.7)	(1.3)	
(2)	6-177H	FA btry, HJ (each)					(6)		(3)	(2)			(1)		(1)				(.5)	(1.1)	
1	44-325H	ADA bn, Chap/Vulc					46		12	20			5		5			8.3	1.6	7.0	
(1)	44-326H	HH8					(27)		(4)	(4)			(1)		(1)				(.9)	(1.5)	
(2)	44-327H	ADA btry, Vulc (each)					(4)		(2)	(4)			(1)		(1)			(3.2)	(.2)	(1.5)	
(2)	44-328H	ADA btry, Chap (each)					(6)		(2)	(4)			(1)		(1)			(1.0)	(.2)	(1.3)	
1	29-1H	DISCOM			1	18	115	74	82	72		42	28		48	2	8.0		7.4	28.1	115
1	29-2H	HHC					2	26	2	4			1						.5	.9	
1	12-7H	AG co					2	4	5	8			1						.3	.5	
1	14-7H	Fin co					6		2	4									.1	.9	
1	8-35H	Med bn					39		20	18			5						3.4	3.1	
(1)	8-36H	H&S co					(14)		(7)	(6)			(2)						(1.2)	(1.2)	
(3)	8-37H	Med co					(8)		(5)	(4)			(1)						(.7)	(.6)	
1	29-5H	S&T bn				8	12	4	15	10		17	2		3				1.3	10.3	
(1)	29-6H	HHC					(2)	(4)	(5)	(10)									(.5)	(.3)	
(1)	10-7H	S&S co				(8)	(6)		(6)			(17)	(1)						(.5)	(1.0)	
(1)	55-88H	TMT co					(4)		(5)				(1)		(3)				(.3)	(9.0)	
1	29-15H	Maint bn			1	10	55	40	38	28		25	19		45	2	8.0		2.0	13.2	115
(1)	29-16H	HQ & lt maint co					(8)	(17)	(2)	(4)		(6)	(1)						(.3)	(3.0)	
(3)	29-17H	Fwd spt co					(8)		(2)	(4)		(4)	(4)		(12)	(1)	(2.0)		(.1)	(2.1)	
(1)	29-18H	HV maint co					(15)	(6)	(2)	(6)		(4)	(6)		(8)		(2.0)		(.9)	(1.4)	
(1)	55-89H	Trans acft maint co			(1)	(10)	(8)	(17)	(27)	(6)		(6)	(2)		(1)				(.4)	(2.5)	(115)

Table 3–20. Airborne Division (TOE 57H)

1	2	3	4		5		6		7		8		9		10		11		12		13
			a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	
No of units	TOE	Unit	Amphibious GPH MO	DF	Construction GPH MO	DF	Generator GPH MO	DF	Heating GPH MO	DF	MHE GPH MO	DF	Stationary equipment GPH MO	DF	Stationary equipment veh mtd GPH MO	DF	Tracked vehicle gal/1 km MO	DF	Wheeled vehicle gal/1 km MO	DF	Aircraft GPH JP4
1	57H	Abn div			9	61	55.5	75	264	246	63	150	141		44			14.1	30.4	65.8	12,474
1	57-4H	HHC					8		3	8			1						1.2	.1	
1	19-67H	MP co					5						1						1.3		
1	57-55H	Avn bn					35	7	37	12	3		7						2.2	1.4	4,206
(1)	57-56H	HHC					(9)	(7)					(1)						(.9)	(.5)	
(1)	57-57H	Aslt hel co					(18)		(23)	(6)	(3)		(2)						(.7)	(.7)	(3,227)
(1)	57-58H	Avn GS co					(9)		(14)	(6)			(4)						(.6)	(.3)	(979)
1	11-215H	Sig bn					120		6	12			3		1				5.6	.6	
(1)	11-216H	HHC					(19)		(6)	(12)			(1)		(1)				(.9)	(.6)	
(1)	11-217H	Comd op co					(35)						(1)						(2.2)		
(1)	11-218H	Spt op co					(66)						(1)						(2.5)		
1	5-25H	Engr bn			9	48	28		14	18		54	60		10				1.4	7.3	
(1)	5-26H	HHC			(3)	(30)	(12)		(4)	(6)		(54)	(12)		(10)				(.8)	(2.5)	
(3)	5-27H	Engr co (each)			(2)	(6)	(5)		(4)	(4)			(16)						(.2)	(1.6)	
3	57-42H	8de HHC abn div (each)					11		10	4			2						.5	.7	3,460
1	17-275H	Air cav sqdn					42		60	30	6	39	14		9				2.7	7.0	6,709
(1)	17-276H	HHT					(11)		(19)	(30)	(6)	(6)	(4)		(2)				(1.3)	(3.2)	(460)
(1)	17-277H	Cav trp					(2)						(1)						(.8)	(.6)	
(3)	17-278H	Air cav trp (each)					(10)		(14)			(11)	(3)		(2)				(.2)	(1.1)	(2,083)
1	6-200H	Abn div arty					107		35	56			17						8.8	26.7	406
1	6-201H	HHB					23		10	6			6						.6	2.3	406
3	6-205H	FA bn, 105-mm (each)					13		7	10			2							5.6	
(1)	6-206H	H/S btry, 105-mm					(10)		(7)	(10)			(2)							(2.7)	
(3)	6-207H	FA btry, 105-mm (each)					(1)													1.0	
1	44-425H	ADA bn, Vulcan					45		6	20			5						2.3	7.7	
(1)	44-426H	HHB					(23)		(2)	(4)			(1)						(1.1)	(1.2)	
(4)	44-427H	ADA btry, Vulcan (each)					(5)		(1)	(4)			(1)						(.3)	(1.6)	

Table 3–20. Airborne Division (TOE 57H)—Continued

1	2	3	4		5		6		7		8		9		10		11		12		13
			a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	
No of units	TOE	Unit	Amphibious GPH MO	Amphibious GPH DF	Construction GPH MO	Construction GPH DF	Generator GPH MO	Generator GPH DF	Heating GPH MO	Heating GPH DF	MHE GPH MO	MHE GPH DF	Stationary equipment GPH MO	Stationary equipment GPH DF	Stationary equipment veh mtd GPH MO	Stationary equipment veh mtd GPH DF	Tracked vehicle gal/1 km MO	Tracked vehicle gal/1 km DF	Wheeled vehicle gal/1 km MO	Wheeled vehicle gal/1 km DF	Aircraft GPH JP4
1	17-215H	Armor bn					12		9	18			9					14.1	.8	5.0	
(1)	17-216H	HHC					(10)		(9)	(18)			(6)					(.8)	(.8)	(3.9)	
(3)	17-218H	Armor co (each)					(1)						(1)					(4.4)		(.4)	
1	29-51H	DISCOM				13	165	68	72	80	54	57	23		24				5.1	15.6	115
1	29-52H	HHC					8	31	2	4			1						.6	.7	
1	29-53H	Div mat mgt cen						12	2	4									.3	.1	
1	12-87H	AG co					1	8	5	6			1						.2	.2	
1	14-87H	Fin co					5		2	4									.1	.1	
1	8-65H	Med bn					39		16	18			6						.7	4.4	
(1)	8-66H	H&S co					(14)		(6)	(6)			(3)						(.4)	(1.5)	
(3)	8-67H	Med co (each)					(8)		(4)	(4)			(1)						(.1)	(1.0)	
1	29-45H	S&S bn				8	29	4	13	14	54	36	7		2				1.4	5.4	
(1)	29-46H	HHD					(5)		(7)	(8)			(1)						(.2)	(.4)	
(1)	29-47H	Maint co				(8)	(4)	(4)	(4)		(24)				(2)				(.2)	(4.0)	
(3)	29-48H	Fwd S&S det (each)					(1)				(9)		(1)						(.3)		
(1)	10-337H	QM airdrop equip spt co					(17)		(3)	(6)	(3)	(36)	(3)						(.2)	(1.0)	
1	29-55H	Maint bn				5	82	14	33	30		21	8		22				1.8	4.9	115
(1)	29-56H	HHD					(1)												(.1)		
(1)	29-57H	Main spt co					(24)	(6)	(11)	(8)		(6)	(3)		(4)				(.6)	(.8)	
(3)	29-58H	Fwd spt co (each)					(13)		(4)	(4)			(1)		(4)				(.1)	(.6)	
(1)	55-99H	Trans acft maint co					(6)	(8)	(10)	(6)		(16)	(1)		(1)				(.6)	(.8)	(115)
(1)	9-559H	Ord msl spt co				(5)	(11)		(2)	(4)			(1)						(.2)	(1.5)	

Table 3–21. Maneuver Battalions–Mechanized Infantry and Armored

1	2	3	4		5		6		7		8		9		10		11		12		13
			a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	
No of units	TOE	Unit	Amphibious GPH MO	DF	Construction GPH MO	DF	Generator GPH MO	DF	Heating GPH MO	DF	MHE GPH MO	DF	Stationary equipment GPH MO	DF	Stationary equipment veh mtd GPH MO	DF	Tracked vehicle gal/1 km MO	DF	Wheeled vehicle gal/1 km MO	DF	Aircraft GPH JP4
	7-45H	Inf (mech) bn					19		14	28			5		1		5.5	16.0	1.2	4.1	
(1)	7-46H	HHC					(9)		(12)	(28)			(1)		(1)		(1.0)	(2 5)	(.2)	(3.0)	
(3)	7-47H	Rifle co (each)					(2)						(1)					(4.5)	(.1)	(.3)	
(1)	7-48H	Cbt spt co					(3)		(2)				(1)				(4.5)	(2.0)	(.8)	(.3)	
	17-35H	Tk bn				89	11		18	20			6		2		10.8	46.3	1.1	5.0	
(1)	17-36H	HHC					(5)		(12)	(20)			(2)		(2)		(2.5)	(4.6)	(.4)	(4.1)	
(3)	17-37H	Tk co (each)					(1)		(2)				(1)				(1.3)	(13.3)	(.1)	(.2)	
(2)	17-39H	Cbt spt co				(89)	(1)						(1)				(4.5)	(1.8)	(.4)	(.3)	
	7-15H	Inf bn					9		12	26			2		1				1.6	3.7	
(1)	7-16H	HHC					(8)		(12)	(26)			(1)		(1)				(.2)	(2.0)	
(3)	7-18H	Rifle co (each)																	(.1)	(.3)	
(1)	7-28H	Cbt spt co					(1)						(1)						(1.0)	(.7)	
	7-35H	Abn inf bn					5		12	20			2						2.2	1.8	
(1)	7-36H	HHC					(5)		(12)	(20)			(1)						(.3)	(1.5)	
(3)	7-37H	Rifle co (each)																	(.3)		
(1)	7-38H	Cbt spt co					(1)						(1)						(.9)	(.3)	
	7-55H	Ambl inf bn					5		8	22			12						1.5	.2	
(1)	7-56H	HHC					(4)		(8)	(22)			(4)						(.5)	(.2)	
(3)	7-57H	Rifle co (each)											(2)						(.1)		
(1)	7-58H	Cbt spt co					(1)						(2)						(.9)		

3–8. Class V Supply

a. General. Class V supply consists of ammunition of all types; bombs, explosives, mines, fuzes, detonators, pyrotechnics, missiles, rockets, propellants, and other associated items. It also includes components of class V items; i.e., boosters, heavy rocket motors, jet assisted takeoff devices, nonnuclear and nuclear warheads, and associated repair parts or assemblies which, because they contain explosives or are peculiar to ammunition, are issued through class V supply channels. The scope of ammunition supply will vary with the type of conflict and the operational environment where the conflict takes place. Ammunition combat service support is discussed in detail in FM 9–6, *Ammunition Service in the Theater of Operations.*

(1) *Interrelationship of ammunition and tactics.* Ammunition directly influences tactical operations; therefore, tactical commanders must plan their operations and commit their forces with full awareness of the support capabilities of the ammunition service support structure. Likewise, combat service support commanders must establish, stock, and employ ammunition service units with full awareness of the operational plans of the supported tactical commanders. An imbalance of either tactics or ammunition service may decisively influence operations. Thus, both tactical and combat service support commanders must consider tactics and ammunition services, not as individual entities, but as an inseparable unit that requires maximum attention, cooperation, and coordination.

(2) *Ammunition supply levels.*

(a) Depending on its geographical location and possible contingencies, a theater is authorized a stated number of days (AR 11–11) of ammunition supply (SB 38–26). Using a hypothetical supply level of 45 days, the distribution would be as follows:

1. Ten days in the combat zone to include 3 days at the direct support level and 7 days in the general support level.

2. Thirty-five days in the COMMZ depots for the units in the combat zone, to include 10 days in forward depots and 25 days in rear depots.

3. Forty-five days in the COMMZ for units in the COMMZ.

(b) To compute the requirements for the theater or major command it is necessary to consider operational safety and order and ship time levels. During peacetime, additional stocks may be placed in a theater or major command for contingency plans or as other theater reserves. These stocks are bulk-allocated items and are not normally definable in terms of days of supply or rounds per weapon per day. To properly supervise the ammunition supply we use command/management and supply controls.

b. Characteristics and Planning Considerations for Ammunition Service Support.

(1) *Characteristics of missiles and munitions.* Missiles and munitions have many characteristics that distinguish them as a unique class of supply. Tactical commanders and logistic planners must understand these characteristics and the influence they exert on ammunition supply and expenditure control.

(a) Commander's combat power. Once a force is committed to combat, ammunition is the only means the tactical commander has to destroy the enemy. All other classes of supply and the remaining logistical effort merely support the tactical commander's ability to bring fire on the enemy by enhancing and coordinating the mobility of his forces.

(b) The combat intensity ammunition supply ratio. Ammunition demands and consumption rates fluctuate during combat within each unit as responses are made to demands of fire and maneuver. In peacetime, ammunition demands are limited to training needs, maintenance of basic load, and stockage against war reserve levels. Because peacetime expenditures are low, demands for the commodity are not as urgent as during combat; therefore, class V supplies are often given a lower priority than other classes of supply.

(c) Ammunition is a dimension of firepower and maneuver. Ammunition is employed as a deterring or dominating force. It is used to destroy, neutralize, or deceive the enemy. It is used to block, screen, and protect maneuvering forces.

(d) Ammunition requires tactical command decisions. The supply of ammunition is a logistical action; however, its expenditure is a matter of tactical command decision. A commander decides whether to commit his supply of ammunition or to hold it for future commitment based on his estimate of the situation. Both conventional and special ammunition are allocated from higher command to lower command. As a result, intermediate logistical headquarters cannot effectively influence the control of supply—or resupply of ammunition; their concern is to provide the means necessary to carry out the desires of the tactical commander.

(2) *Planning Considerations.*

(a) Ammunition planning is a responsibility of the operations and logistic officers at all levels of command. It is inherent in the duties of missile and munitions staff officers and their assistants at support command headquarters and of logistic officers at subordinate levels of command.

(b) Ammunition planning is usually in support of broader strategic planning and from such plans develops its objectives. Ammunition planners must, therefore, understand the nature of these plans, with prime consideration on their strengths and weaknesses, and the priorities assigned to the effort. Planners must also recognize that they must effectively communicate with the following audiences:

1. The missile and munition combat service support organization.

2. Organizations that support and work in conjunction with missile and munition combat service support organizations; e.g., transportation, quartermaster, engineers, etc.

3. Using units—missile and munition consumers who plan in terms of time and space available, firepower, and maneuverability in the combat zone.

(c) Missiles and munitions service supports tactical operations; therefore, ammunition planning and tactical requirements must be closely coordinated. The long lead time required for the complex and costly products of a highly sophisticated technology underscores the importance of integrating missile and munitions considerations in logistic planning at the strategic level.

(d) Ammunition planning, like all logistic planning, includes both initial and replenishment support. Ammunition, however, imposes peculiar considerations because of its dynamic characteristics, fluctuating demands, unanticipated changes in rates of consumption, and weight and volume.

(3) *Ammunition planning phases.*

(a) Estimation. The commander's concept of the broad course of action requires an initial estimate of the ammunition situation to test the feasibility of the operation plan and to serve as a basis for further decisions. Ammunition service staff officers are advised of the projected tactical plans in time to evaluate and provide information on the ability of the ammunition service support structure to support them. Some of the questions to be answered are:

1. What conventional ammunition is required? This is significantly affected by the enemy threat and effectiveness obtained through the use of weapon systems.

2. What special ammunition is required? Will nuclear/chemical weapons be employed? Theater commanders are responsible for stating operational requirements for nuclear/chemical weapons to the Joint Chiefs of Staff.

3. Is the required ammunition (both conventional and special) available? Material management centers (MMC) responsible for supply are asked whether the quantities and types of ammunition required can be made available on a satisfactory time schedule.

4. Can the ammunition be transported? Based on the time schedule of ammunition availability, the transportation allocated for movement, and the availability of off-loading facilities, to include piers and lights, the planner determines whether supply levels can be established by the date specified.

5. What missile maintenance units will be required? Expansion of air defense coverage and all missile weapon densities affect maintenance as well as supply requirements.

(b) Determination. The determination phase covers the detailed planning based on decisions reached during the preliminary planning phase. Ammunition planners confer with higher authority to verify the basic loads to be carried and to determine the type of combat anticipated, including the required supply rate. The deployment of divisions, separate units, or armored cavalry, infantry, combat engineers, artillery, and nuclear delivery units is determined. An agreement is reached on operational projects involving conventional or special ammunition.

1. The ammunition planner arranges for basic loads to be issued, if this has not already been accomplished. Based on command policies and coordination with tactical planners, he determines the amounts and types of ammunition to accompany troops and the amounts and types to be brought into the theater by phased increments until the authorized level of supply is reached.

2. A necessary part of planning is a list reflecting weapons and weapon systems to be in the hands of troops, troop strength, and the rate of deployment of weapons and troops to the theater. From this point on, the ammunition planner works in terms of rounds of conventional ammunition fired from weapons, numbers of specific special ammunition items allocated for use, and in other units of measure for bulk allotment and other ammunition items. He interprets the ammunition supply situation to tactical planners in terms of projected ability to meet operational requirements.

3. Conventional ammunition to accompany troops and phased increments is normally expressed in terms of numbers of specific items. Special packaging needs, such as dunnage or pallets, are included in the plan at this point. Requests for personnel to handle and maintain special ammunition are considered. Loading is planned to insure against the total loss of a single type of ammunition if a carrier should be lost and to insure that shipments include balanced stocks. Special consideration is given to dispersion of stocks when the enemy is known to have nuclear capabilities.

(c) Modification. Modification is the final phase and is vital in order to effect changes in ammunition service in accordance with the changing tactical situation. This phase is supervised by ammunition staff officers who are competent to alter the plan as required. Any departure from the approved plan must be coordinated with the command headquarters staff. During this phase—

1. Offloading, transportation, security, storage, distribution, and inventory procedures are planned in detail. Provisions are made for the proper types and numbers of personnel, transportation, space, labor, and materials handling equipment.

2. Plans are reviewed or refined to provide for prompt delivery of selected items by air or other means to meet emergency resupply requirements.

(d) Command/management controls. Tactical commanders determine the required supply rate (RSR) for their operations. This may originally be based on planning factors such as those contained in table 3–27 or 3–30, or may be computed from experience factors that are available through the Standard Army Ammunition System (SAAS). The RSR is given to the logistician who suggests a controlled supply rate (CSR) which is then confirmed by the tactical commander. The CSR is based upon the availability of ammunition and the ability to move or locate this ammunition as desired within the required timeframes. The command/management control used by the tactical commander may be varied by him as the situation requires.

(e) Supply controls. Supply controls are normally announced by the Department of the Army or theater commander, and are termed "allocations." These allocations are normally expressed as a quantity for a particular time, such as 500,000 rounds for 180 days. When the 180-day time period ends, any unused quantities of ammunition (those not drawn) terminate and cannot be added to subsequent allocations. This category of ammunition requires close coordination between the tactical commander and the ammunition service commander. Ammunition supply point (ASP) activities and tactical commanders are informed of the allocations which

include a detailed list, usually by unit, indicating the quantity of ammunition they may draw during this allocation period. If a unit requests ammunition above the allocated quantity, even though the transportation order is authenticated, the ASP must request authority, usually from the corps, to issue this ammunition and the corps will adjust quantities within its total allocation. Allocation by definition includes both supply control and availability. The difference is the degree of management and control.

NOTE: SB 38—26 contains details on estimated average quantity of ammunition required per day to sustain operations of a large force, 150,000 or more men, in an active combat theater. AR 11—11 contains details on days of supply authorized oversea commands.

(4) *Ammunition supply at DS level.*

(a) The ordnance conventional ammunition company, DS/GS (TOE 9—38), supplies conventional ammunition and may supply designated special ammunition such as HAWK missiles. This unit also performs DS maintenance on the class V items stored.

(b) The ordnance special ammunition DS company (TOE 9—47) provides nuclear special ammunition DS supply to using units in the corps area. This unit also provides DS maintenance for the special ammunition, less missile guidance sections, and maintenance calibration (C-level) for user test equipment.

(c) The ordnance special ammunition company, DS/GS (TOE 9—48), provides nuclear special ammunition DS supply and maintenance calibration (C-level) for test equipment of using units in the COMMZ.

(d) Explosive ordnance disposal (EOD) detachments (TOE 9—520) are designed to detect, identify, render safe, recover, evacuate, and dispose of US and foreign explosive ordnance, including nuclear, biological, and chemical munitions that constitute a hazard to personnel, installations, materials, and operations. EOD service is discussed in detail in FM 9—14, *Explosive Ordnance Disposal Service.*

(5) *Ammunition service at GS level.*

(a) The ordnance ammunition company, DS/GS (TOE 9—38), provides conventional ammunition GS supply in the corps and COMMZ areas. These units may provide designated special ammunition supplies such as Hawk missiles. In the COMMZ, the ammunition renovation detachment (TOE 9—530) provides GS maintenance for conventional ammunition.

(b) The ordnance special ammunition company, DS/GS (TOE 9—48), provides GS supply for all nuclear special ammunition and class IX items for nuclear weapons and associated test equipment and trainers within the COMMZ.

(c) GS supply for missile peculiar class IX items (less items peculiar to nuclear weapons and associated test equipment and trainers) is provided through designated general support units. These designated support units may be the guided missile support maintenance units.

(6) *Conventional ammunition supply system.* Conventional ammunition supply in the theater is provided by the SAAS. The ASP's (through the material management center (MMC)) are required to report data in punchcard format for input to the computerized system. Within the theater, conventional ammunition supply is based on a continuous (force feed) refill system. Tactical/using units are responsible for maintaining the authorized basic load at all times. Tactical units replenish ammunition expended from the basic load or may draw ammunition in excess of the basic load, concurrent with an imminent operation, or in expectation of the operation, as authorized through command/management controls. Theater army commanders, in conjunction with corps commanders, determine the stock levels to be maintained within the ammunition supply activities. The flow of ammunition is controlled by using rate of expenditure. Commanders, on a timely basis, must submit RSR to support operations so that CSR may be established when necessary. The continuous refill system for ammunition supply activities enables the activities to maintain their level of stock, while units maintain their ammunition levels by refilling their authorized basic load. Ammunition supply activity stockages are monitored and controlled by utilizing the SAAS. Tactical and using unit ammunition supplies are monitored by specific reports; e.g., Ammunition in the Hands of

Troops report. The SAAS and reports from other sources provide the data necessary for the control and management of class V supplies. Major command ammunition officers, ammunition unit commanders, G3/S3, and G4/S4 personnel are responsible for the operation of the conventional ammunition system.

(7) *Special ammunition supply system.* Special ammunition supply is different from conventional ammunition in that the system is based on special ammunition stockages, special ammunition loads, and special ammunition allocations (AR 310–25 defines these terms). The special ammunition logistics element (SALE) at theater army, corps, and division coordinate all special ammunition logistic support matters. They are normally located within the tactical operations centers (TOC's). Distribution of available weapons, to include ownership, storage, units, location, type weapon, yields, serial numbers, and total numbers is prescribed by the above commanders. *The Army Field Stock Control System* (AR 710–2) governs stockage of class IX items peculiar to special ammunition. FM's 9–6 and 9–47 contain details on special ammunition supply and control.

c. Basic Load.

(1) The basic load is that quantity of ammunition which is authorized and required by each nation to be on hand within a unit or formation at all times. It is expressed in terms of rounds for ammunition items fired by weapons, and in other units of measure for bulk allotment and other ammunition items.

(a) The size and makeup of the basic load is designed to meet the anticipated initial combat needs of a unit until normal resupply is accomplished. During wartime the following factors influence composition of the basic load:

1. Nature of the enemy.
2. Type of mission.
3. Intensity of engagement.
4. Availability of resupply transport.
5. Availability of ammunition.

The first three factors, largely enemy influenced, derive the RSR. As a goal, a combination of the production base, pipeline assets, and in-theater stockage should, as a minimum, provide the RSR. Unit basic loads which are a relatively small stockpile of ammunition at the forward end of this pipeline should represent a tradeoff considering available organic transportation, the intensity of combat, and availability of adequate resupply.

(b) In peacetime the basic load size and makeup tends to become static and is used primarily for administrative control of ammunition issued to units. In wartime the basic load is a dynamic rather than static quantity. For example, a fluid situation with a high intensity enemy air threat, such as that anticipated early in the war, would probably dictate a larger basic load to meet unforeseen contingencies and provide uninterrupted operations. On the other hand, a combat situation of low intensity would tend to reduce basic loads.

(2) To calculate the total weight of the ammunition basic load for a TOE unit, the planner should follow the steps given below.

(a) Prepare a table in outline with the columnar headings such as those shown in table 3–23.

1. List the unit and type of munitions from the TOE, to include all weapons and missiles.
2. Add nonweapon items as provided for in table 3–22.

(b) List number of weapons authorized by the TOE.

(c) List round per weapon from table 3–22. Distinguish allowance per unit category, if applicable. (Identify the unit category from section I of its TOE.)

(d) In columns 3, 6, 8, and 10, list remaining data from table 3–22.

(e) Multiply weights (columns 7, 9, and 11, table 3–23) times number of weapons and add for each weapon listed.

(f) Add column 12, table 3–23; divide by 2,000 to obtain STON.

(3) Tables 3–23 and 3–24 are sample

basic loads for an infantry unit and for a field artillery unit.

d. Characteristics of Chemical Agents and Systems. Table 3—25 provides data on characteristics of chemical agents, riot control agents, smoke, and incendiaries. Table 3—26 provides data on the characteristics of chemical munitions.

e. Estimated Expenditures of Ammunition.

Refer to paragraph 7—7.

f. Terminology and Definitions.

(1) Types of war:

(a) General war—Defined in AR 310—25.

(b) Limited war—Defined in AR 310—25.

(c) Cold war—Defined in AR 310—25.

(2) Intensities of conflict: Refer to paragraph 7—5.

(3) Levels of operation: Refer to paragraph 7—4.

Table 3–22. Ammunition Basic Load Guide

Part A. Category I, II, and III Units Less Field Artillery

1	2	3	4	5	6	7	8
LIN	Weapon/equipment	Units per wpn	Packed wt per rd (lb)	Rd per wpn carried on individual	Rd per wpn carried on vehicle	Rd per wpn bulk loaded	Remarks
A90461	Armament subsystem, helicopter, M5, 40-mm, HE or HEDP	300 rd	750		300		
A89820	Armament pod, aircraft, 7.62-mm M6 w/equip M18	6,000 rd	.093		1,500	4,500	
A90427	Armament subsystem, helicopter, 7.62-mm mg/2.75-in RL, M21						
	mg, 7.62-mm	21,000 rd	.093		6,000	15,000	
	Rkt, HE, 2.75-in	42 rd	27.00		14	28	
A90871	Armament subsystem, helicopter, FM lchr, M22		112.00		6		
A90118	Armament subsystem, helicopter, 7.62-mm mg, lt, M23	4,200 rd	.093		1,200	3,000	
A90123	Armament subsystem, helicopter, 7.62-mm mg, door mounted, M24	4,200 rd	.093		1,200	3,000	
A90155	Armament subsystem, helicopter, 7.62-mm, high rate, M27	4,500 rd	093		2,000	2,500	
A90437	Armament subsystem, helicopter, 7.62-mm mg/40-mm GL, high rate						
	mg, 7.62-mm	4,000 rd	.093		4,000		
	GL 40-mm	300 rd	.75		300		
A89992	Armament subsystem, helicopter, 20-mm automatic guns, M35	3,000 rd	.80		1,000	2,000	
A90344	Armament subsystem, helicopter, 7.26-mm mg, ramp mdm M41	4,200 rd	.093		1,200	3,000	
- - -	Armament subsystem, helicopter, 2.75-in, XM157/M158A (7 rd pod)	42 rd	27.00		7 14	28	
	HE, XM151 w/fuze PD	(26)	.8		(9)	(17)	
	HE, XM229 w/fuze PD	(11)	1.1		(4)	(7)	
	HE, XM229 w/fuze VT	(1)	1.1			(1)	
	HEAT	(1)	.7			(1)	
	WP	(3)	.7		(1)	(2)	
- - -	Armament subsystem, helicopter, 2.75-in, XM159 XM200A1 (19 rd pod)	114 rd	27.00		19 38	75	
	HE, XM151 w/fuze PD	(70)	.8		(23)	(47)	
	HE, XM229 w/fuze PD	(33)	1.1		(11)	(22)	
	HE, XM229 w/fuze VT	(3)	1.1		(1)	(2)	
	HEAT	(2)	.7		(1)	(1)	
	WP	(6)	.7		(2)	(4)	
- - -	Armament subsystem, helicopter, TOW XM65	20 ea	87.00		8		Note 32
M48996	Mine dispersing system, helicopter, M56				160		

Table 3—22. Ammunition Basic Load Guide—Continued

1	2	3	4	5	6	7	8
LIN	Weapon/equipment	Units per wpn	Packed wt per rd (lb)	Rd per wpn carried on individual	Rd per wpn carried on vehicle	Rd per wpn bulk loaded	Remarks
A93125	Armored reconnaissance airborne assault vehicle, M551,						
	Ctg, 152-mm	49 ea			29	20	
	Missile	(19)	120.00		(9)	(10)	
	HEAT	(26)	60.00		(18)	(8)	
	Cannister	(4)	60.00		(2)	(2)	
	Mg, cal .50 1	1,360 rd	.395		1,000	360	
	Mg, 7.26-mm	4,500 rd	.083		3,000	1,000	
	Lchr, hand gren	32 rd	.750		16	16	
	Gren, hand, frag	8 rd	2.125		8		
	Flare, surface, trip	12 ea	1.94		12		
886589	Bolt, explosive	36 rd	3.33		6	30	Note 1.
C39059	Burster, field, incendiary	40 rd	2.50			40	Note 10.
D12087	Carrier, personnel, FT armored, M113						
	Mg, cal .50	1,995 rd	.395		1,900	95	
	Gren, hand, frag	20 rd	2.125		20		
	Flare, surface, trip	12 rd	1.94		12		
D11401	Carrier, comd and recon, armd, M114, M114A1,M114A1E1						
	Gun, automatic, 20-mm (M114A1E1 only)	400 rd	1.00		400		
	Cartridge, 20-mm						
	HEIT	(240)					
	API-T	(160)					
	Mg, cal .50 (M114 and M114A1 only)	1,470 rd	.395		1,050	400	
	Mg, 7.62-mm (all models)	3,400 rd	.093		2,600	880	
	Gren, hand, frag (all models)	8 rd	2.125		8		
	Flare, surface, trip (all models)	12 rd	1.94		12		
							For arty units see part B.
D11049	Carrier, cgo, tracked, 6-ton, M548						
	Mg, cal .50	315 rd	.395		315		
	Mg, 7.62-mm	600 rd	.093		600		
D11538	Carrier, command post, light-tracked, M577						For arty units see part B.
	Gren, hand, frag	20 rd	2.125		20		
	Flare, surface, trip	12 ea	1.94		12		
D11681	Carrier, GM (TOW)						
	Missile (TOW)	16 rd	87.00		10	6	
	Mg, cal .50	315 rd	.395		315		
	Mg, 7.62-mm	600 rd	.093		600		
	Gren, hand, frag	20 rd	2.125		20		
	Flare, surface, trip	10 ea	1.94		10		

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Table 3–22. Ammunition Basic Load Guide—Continued

1	2	3	4	5	6	7	8
LIN	Weapon/equipment	Units per wpn	Packed wt per rd (lb)	Rd per wpn carried on individual	Rd per wpn carried on vehicle	Rd per wpn bulk loaded	Remarks
D10726	Carrier, FT M125A1 w/81-mm mortar						
	Proj, 81-mm	156 rd	17.32		115	41	
	HE wo/fuze	(31)					
	HE w/fuze	(106)					
	WP w/fuze, PD	(14)					
	Illuminating, w/fuze, MT	(5)					
	Fuze, prox	32 ea	3.84		16	16	
	Fuze, PD	6 ea	3.84		3	3	
	Mg, cal .50	2,100 rd	.395		525	1,575	
	Gren, hand, frag	8 rd	2.125		8		
	Flare, surface, trip	10 ea	1.94		10		
D10741	Carrier, SP, M106, w/107-mm mortar						
	Proj, 107-mm	184 rd	40.00				
	HE, wo/fuze	(65)			(24)	(41)	
	HE, w/fuze	(63)			(24)	(39)	
	WP w/fuze, PD	(41)			(30)	(11)	
	Illuminating, w/fuze, MT	(15)			(5)	(10)	
	Fuze, prox	68 ea	3.84		27	41	
	Fuze, PD	5 ea	3.84		5		
	Mg, cal .50	1,260 rd	.395		630	630	
	Gren, hand, frag	8 rd	2.125		8		
	Flare, surface, trip	10 rd	1.94		10		
D33314	Cartridge, photo flash, M112 (L136)	312 rd	1.90		104	208	
C98150	Cap, blasting electric						Note 31.
D00051	Cap, blasting, nonelectric						Note 31.
D91846	Charge, assembly, demolition, M183	10 ea					Per cbt engr line co.
D92017	Charge, demolition, block, M112	360 ea					Per cbt engr line co.
		27,000 ea					Per ACR and div.
D92360	Charge, demolition (cratering) 40-lb	30 ea					Per cbt engr line co.
		20 ea					Per ACR.
D93593	Charge, shaped, 40-lb, M3	20 ea					
		18 ea					Per ACR.
F14986	Cord, detonating, 100-ft spools	25 ea					Per cbt engr line co.
		2 ea					Per ord ammo co. Category II unit.
		100 ea					Per ACR.

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Table 3—22. Ammunition Basic Load Guide—Continued

1	2	3	4	5	6	7	8
LIN	Weapon/equipment	Units per wpn	Packed wt per rd (lb)	Rd per wpn carried on individual	Rd per wpn carried on vehicle	Rd per wpn bulk loaded	Remarks
G06259	Detonators, percussion, 8-second delay	50 ea 100 ea					Per cbt engr line co. Per ACR.
G06122	Detonators, percussion, 15-second delay	50 ea 100 ea					Per cbt engr line co. Per ACR.
H58350	Firing device, M1A1, pressure	150 ea					Per bn, 500 per ACR; less air def arty and engr units.
H58898	Firing device, M1, release	100 ea					Per bn, 500 per ACR; less ADA and engr units.
E56578	Combat engineer vehicle (w/gun, 165-mm) M728 (T118)						
	Ctg, 165-mm	60 rd	92.40		30	30	
	Mg, cal .50	735 rd	.395		735		
	Mg, 7.62-mm	3,400 rd	.093		3,400		
	Gren, hand, frag	8 rd	2.125		8		
	Flare, surface, trip	10 ea	1.94		10		
F52132	Crypto equipment destroyer, incendiary		55.00		All		SB 725—1300—1.
G22246	Disperser, riot control agent, portable riot control agent CS-1	64 lb	1.08			64 lb	Note 11.
G22109	Disperser, riot control agent, helicopter or vehicle-mounted riot control agent CS-1	240 lb	1.08			240 lb	Note 12.
H40472	File destroyer, incendiary		160.00			All	SB 725—1300—1.
H68063	Flamethrower, portable						
	Ignition cylinder, flamethrower	8 ea	.28			8	Note 13.
	Peptizer (1 gal)	1 ea	8.00			1	Notes 2 and 14.
	Thickner, incendiary oil (5-lb can)	2 ea	5.00			2	Notes 3 and 15.
H71344	Flare, surface, trip		1.95			All	One for every 10 indiv in category I units less crewmen of veh otherwise auth. Ten for ea acft. For arty units see part B.
---	Generator, Smoke, mech						
	Fog oil, SGF2 (55-gal drum)	3 ea	461.00			3	
	Gasoline (5-gal can)	2 ea	42.00			2	
J79818	Grenade, hand, smoke, colored		1.36				Note 15.

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Table 3–22. Ammunition Basic Load Guide–Continued

1	2	3	4	5	6	7	8
LIN	Weapon/equipment	Units per wpn	Packed wt per rd (lb)	Rd per wpn carried on individual	Rd per wpn carried on vehicle	Rd per wpn bulk loaded	Remarks
J79681	Grenade, hand, smoke, HC		2.56				Note 17.
J77763	Grenade, hand, incendiary		2.94				Note 18.
J77532	Grenade, hand, frag		2.125			All	One for each indiv in category I & II units.
J77532 J79544	Grenade, hand, frag		2.125	All			One for every three indiv in category III units.
J79544	Grenade, hand, riot, CS		1.875				Note 22.
J80092	Grenade, hand and rifle, smoke, WP		2.625				Note 23.
J95534	Guided missile, Redeye, HE, XM41E2		29.30	3	3		Six rd for every two gunners.
J95339	Guided missile, antitank w/HEAT, 130-mm	15 rd	112.00		15		Fifteen rd for ea launching station.
J95525	Guided missile, surface attack (TOW)	16 rd	87.0				Mech and nonmech units. Note 32.
J95533	Guided missile system, intercept, aerial carrier, mtd (Chaparral) M548						
	Msl	12 rd	187.00		8	4	If equipped w/ mg cal .50 or mg 7.62-mm.
	Gren, hand, frag	20 rd	2.125		20		
	Flare, surface, trip	12 ea	1.94		12		
J95305	Guided missile and launcher, surface attack: M222 (Dragon)	6 rd	67.0				Mech and nonmech units. Note 33.
J96694	Gun, AAA, SP, 20-mm, SP, XM, 163 (Vulcan)	6,000 rd	1.00		1,800	4,200	
J96845	Gun, AAA, towed, 20-mm, XM167 (Vulcan)	4,000 rd	1.00		300	3,700	
J96820	Gun, AAA, SP, 40-mm, M42 or M42A1						
	Ctg, 40-mm	720 rd	6.60	480	240		
	Gren, hand, frag	8 rd	2.125		8		
	Flare, surface, trip	12 ea	1.94		12		
	Mg, 7.62-mm	1,700 rd	.093		1,700		
J97230	Gun, FA, SP, 175-mm, M107						See part B.
K57392	Howitzer, 105-mm, towed, M101						See part B.
K57392	Howitzer, 105-mm, towed, M102						See part B.
K57256	Howitzer, 105-mm, SP, M108						See part B.

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Table 3–22. Ammunition Basic Load Guide–Continued

1	2	3	4	5	6	7	8
LIN	Weapon/equipment	Units per wpn	Packed wt per rd (lb)	Rd per wpn carried on individual	Rd per wpn carried on vehicle	Rd per wpn bulk loaded	Remarks
K57895	Howitzer, 155-mm, towed, M114						See part 8.
K57667	Howitzer, medium, 155-mm, SB, M109						See part 8.
K57118	Howitzer, heavy, towed, 8-in, M115						See part 8.
K56981	Howitzer, heavy, SP, M110, 8-in						See part 8.
L45123	Launcher, rocket, multiple, 115-mm		93.33				Note 4.
L44712	Guided missile launcher (Nike-Hercules)		18,000.00				Two msl for ea lchr, 72 msl for ea bn; 18 msl for ea btry.
L44629	Guided missile launcher (Hawk)		3,200.00				Six rd for ea lchr.
L43664	Launcher, 8ridge, M60 or M48						
	Gren, hand, frag	8 rd	2.125		8		
	Flare, surface, trip	16 ea	1.94		16		
L45250	Launcher, rkt, 66-mm, 4-tube, M202, A1	16 rd	8.75	4	4	8	Category I units only.
L45260	Launcher, rkt, 3.5-in (LAW)						See note 5.
L44575	Launcher, gren, 40-mm, M79, M203	30 rd	.75	18	6	6	Category I units only. For arty units see part 8.
L44575	Launcher, gren, 40-mm, M79, M203	10 rd	.75	10			Category II and III units.
L46729	Launcher, guided missile (Sergeant)		12,473.00				Two msl for ea firing btry.
L90879	Machinegun, cal. 30	3,000 rd	.089	500	1,500	1,000	
L92386	Machinegun, 7.62-mm, M60	3,100 rd	.093	800	1,400	900	Category I units for arty units see part 8.
L92386	Machinegun, 7.62-mm, M60	2,200 rd	.093		2,200		Category II and III units.
L92249	Machinegun, 7.62-mm, acft, lt	6,600 rd	.093		1,320	5,280	
L91975	Machinegun, cal .50	630 rd	.395		420	210	Category I units. For arty units see part 8.
L91975	Machinegun, cal .50	525 rd	.395		525		Category II and III units.
M45945	Mine, antipersonnel, M–14		.49		All		Note 6. For arty units see part 8.
M46082	Mine, antipersonnel, M–16		11.20		All		Note 7. For arty units see part 8.
M46493	Mine, antipersonnel, M–18A1		6.80			All	Note 8. For arty units see part 8.
M48137	Mine, antitank, M–21		22.70			All	Note 9. For arty units see part 8.
M68008	Mortar 81-mm						
	Proj, 81-mm	120 rd	17.32		80	40	
	HE, wo/fuze	(24)					
	HE, w/fuze	(81)					

Table 3–22. Ammunition Basic Load Guide–Continued

1	2	3	4	5	6	7	8
LIN	Weapon/equipment	Units per wpn	Packed wt per rd (lb)	Rd per wpn carried on individual	Rd per wpn carried on vehicle	Rd per wpn bulk loaded	Remarks
	WP w/fuze	(11)					
	Illuminating w/fuze	(4)					
	Fuze, prox	25 ea	3.84		12	13	
	PD	5 ea	3.25		5		
M68282	Mortar, 4.2-in						
	Proj	160 rd	40.00		50	110	
	HE, wo/fuze	(64)					
	HE, w/fuze	(61)					
	WP, w/fuze	(30)					
	Illuminating, w/fuze	(5)					
	Fuze, prox	67 ea	3.84		34	33	
	PD	5 ea	3.25		5		
N96741	Pistol, automatic, cal .45	21 rd	.056	21			
N97015	Pistol, pyrotechnic	48 rd	.63		17	31	
R50681	Recovery vehicle, full-tracked, medium, M88						
	Mg, cal .50	1,575 rd	.395		1,470	105	For arty units see part B.
	Gren, hand, frag	8 rd	2.125		8		
	Flare, surface, trip	12 ea	1.94		12		
R50544	Recovery vehicle, full-tracked, light armored, M578						
	Mg, cal. 50	1,575 rd	.395		1,470	105	
N97015	Pistol, pyrotechnic	48 rd	.63		17	31	
R50681	Recovery vehicle, full-tracked, medium, M88						
	Mg, cal .50	1,575 rd	.395		1,470	105	For arty units see part B.
	Gren, hand, frag	8 rd	2.125		8		
	Flare, surface, trip	12 ea	1.94		12		
R50544	Recovery vehicle, full-tracked, light armored, M578						
	Mg, cal .50	1,575 rd	.395		1,470	105	For arty units see part B.
	Gren, hand, frag	8 rd	2.125		8		
	Flare, surface, trip	16 ea	1.94		16		
R91244	Revolver, cal .38	18 rd	.038	18			
R94977	Rifle, 5.56-mm						
	Ctg, 5.56-mm	440 rd	.042	140	300		Category I units. For arty units see part B.
	Ball	(360)					
	Tracer	(80)					

Table 3—22. Ammunition Basic Load Guide—Continued

1	2	3	4	5	6	7	8
LIN	Weapon/equipment	Units per wpn	Packed wt per rd (lb)	Rd per wpn carried on individual	Rd per wpn carried on vehicle	Rd per wpn bulk loaded	Remarks
R94977	Rifle, 5.56-mm Ctg, 5.56-mm Ball Tracer	 200 rd (160) (40)	 .042	 140	 60		Category II and III units.
R95114	Rifle, 7.62-mm (wo/bipod) Ctg, 7.62-mm Ball Tracer	 340 rd (306) (34)	 .083	 100	 120	120	Category I units. For arty units see part 8.
R95114	Rifle, 7.62-mm (wo/bipod) Ctg, 7.62-mm Ball Tracer	 160 rd (144) (16)	 .083	 100	 60		Category II and III units.
R95251	Rifle, 7.62-mm (w/bipod) Ctg, 7.62-mm 8all Tracer	 760 rd (608) (152)	 .083	 160	 420	180	Category I, II, and III units.
R96210	Rifle, recoilless, 57-mm	12 rd	11.00		6	6	
R96484	Rifle, recoilless, 90-mm Ctg, 90-mm HEAT	 18 rd (18)	 27.50		 12	 6	
R96758	Rifle, recoilless, 106-mm Ctg HEAT HEP-T	 30 rd (15) (15)	 60.00		 17	 13	
R95799	Rifle, cal .30, snipers	240 rd	.094	100	40	100	
S04958	Rocket, HE, 66-mm, M72 (LAW)		7.80	2	4		Note 5. For arty units see part 8.
U30201	Starter, fire, NP3, M-2		.07			All	Note 24.
T84368	Smoke generator subsystem Helicopter XM52 Fog oil SFG2 (55-gal drum)	2 ea	488.0		50 gal	60 gal	
T84657	Smoke pot, floating, SGF2		37.00			All	Note 25.
T84687	Smoke, pot, w/HC mixture		54.00			All	Note 26.
T39223	Shotgun, 12-guage, riot type	10 rd	.138	10			
U56346	Submachinegun, cal .45	180 rd	.056	180			

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Table 3–22. Ammunition Basic Load Guide–Continued

1	2	3	4	5	6	7	8
LIN	Weapon/equipment	Units per wpn	Packed wt per rd (lb)	Rd per wpn carried on individual	Rd per wpn carried on vehicle	Rd per wpn bulk loaded	Remarks
V12964	Tank, cbt, full-tracked, 90-mm gun, M48A2, M48A2C	84 rd	62.78		64	20	The M48A1 and M48A3 carry 60 and 62 rds, respectively. Basic load on the vehicles should be adjusted accordingly. Rounds per weapon in bulk load would remain unchanged.
	Ctg, 90-mm						
	HET, w/fuze, PD	(12)			(8)	(4)	
	HEAT-T, w/fuze, PIBD	(40)			(30)	(10)	
	WP, w/fuze, PD	(3)			(2)	(1)	
	HVAP	(24)			(20)	(4)	
	Cannister	(5)			(4)	(1)	
	Mg, cal .50	960 rd	.395		600	360	
	Mg, 7.62-mm	7,500 rd	.093		6,000	1,500	
	Gren, hand, frag	8 rd	2.125		8		
	Flare, surface, trip	12 ea	1.94		12		
V13101	Tank, cbt, full-tracked, mdm, 105-mm gun, M60	77 rd	68.49		57	20	
	Ctg, 105-mm						
	HEAT-T, w/fuze, PIBD	(19)			(14)	(5)	
	HEP-T, w/fuze, PD	(8)			(5)	(3)	
	APDS-T	(42)			(32)	(10)	
	WP, w/fuze, PD	(3)			(2)	(1)	
	Apers, w/fuze, MT	(5)			(4)	(1)	
	Mg, cal .50	1,260 rd	.395		900	360	
	Mg, 7.62-mm	7,500 rd	.093		6,000	1,500	
	Gren, hand, frag	8 rd	2.125		12		
	Flare, surface, trip	12 ea	1.94		12		
V13101	Tank, cbt, full-tracked mdm, 105-mm gun, M60A1, M60A3	83 rd	68.49		63	20	
	Ctg, 105-mm						
	HEAT-T, w/fuze, PIBD	(21)			(16)	(5)	
	HEP-T, w/fuze, PD	(9)			(6)	(3)	
	APDS-T	(45)			(45)	(10)	
	WP w/fuze, PD	(3)			(3)	(1)	
	Apers, w/fuze, MT	(5)			(4)	(1)	
	Mg, cal .50	1,260 rd	.345		900	360	
	Mg, 7.62-mm	7,500 rd	.093		6,000	1,500	
	Gren, hand, frag	8 rd	2.125		8		
	Flare, surface, trip	12 ea	1.94		12		
V13101	Tank, cbt, full-tracked mdm, 105-mm gun, M48A5	63 rd	68.49		43	20	LIN in column 1 may be changed pending type classification of vehicle.
	Ctg, 105-mm						
	HEAT-T, w/fuze, PIBD	(15)			(10)	(5)	
	HEP-T, w/fuze, PD	(7)			(4)	(3)	
	APDS-T	(37)			(27)	(10)	
	WP w/fuze, PD	(3)				(1)	

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Table 3–22. Ammunition Basic Load Guide—Continued

1	2	3	4	5	6	7	8
LIN	Weapon/equipment	Units per wpn	Packed wt per rd (lb)	Rd per wpn carried on individual	Rd per wpn carried on vehicle	Rd per wpn bulk loaded	Remarks
	Apers, w/fuze, MT	(1)			(2)	(1)	
	Mg, cal .50	1,260 rd	.395		900	360	
	Mg, 7.62-mm	7,500 rd	.093		6,000	1,500	
	Gren, hand, frag	8 rd	2.125		8		
	Flare, surface, trip	12 ea	1.94		12		
V13101	Tank, cbt, full-tracked mdm, 105-mm gun, M48A5 (PIP)	74 rd	68.49		54	20	LIN in column 1 may be changed pending type classification of vehicle.
	Ctg, 105-mm						
	HEAT-T, w/fuze, PIBD	(19)			(14)	(5)	
	HEP-T, w/fuze, PD	(7)			(4)	(3)	
	APDS-T	(42)			(32)	(10)	
	WP w/fuze, PD	(3)			(2)	(1)	
	Apers, w/fuze, MT	(3)			(2)	(1)	
	Mg, cal .50	1,260 rd	.395		900	360	
	Mg, 7.62-mm	7,500 rd	.093		6,000	1,560	
	Gren, hand, frag	8 rd	2.125		8		
	Flare, surface, trip	12 ea	1.94		12		
V13270	Tank, cbt, full-tracked mdm, 152-mm gun, M60A2	66 rd			46	20	
	Ctg, 152-mm						
	Missile	(23)	120.00		(13)	(10)	
	HEAT	(37)	60.00		(29)	(8)	
	Cannister	(6)	60.00		(4)	(2)	
	Mg, cal .50	1,440 rd	.395		1,080	360	
	Mg, 7.62-mm	7,000 rd	.093		5,500	1,500	
	Lchr, hand, gren	32 rd	.750		16	16	
	Gren, hand, frag	8 rd	2.125		8		
	Flare, surface, trip	12 ea	1.94		12		
Part B. Field Artillery (by TOE)							
D11049	Carrier, Cgo, tracked, 6-ton, M548 (TOE—all)						
	Mg, cal .50	480 rd	.395		480		
	Mg, 7.62-mm	800 rd	.093		800		
D11538	Carrier, command post, light tracked, M577 (TOE—all)						
	Gren, hand, frag	20 rd	2.125		20		
	Flare, surface, trip	12	1.94		12		
H71344	Flare, surface, trip (TOE—all)		1.94				32 per btry.

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Table 3–22. Ammunition Basic Load Guide—Continued

1	2	3	4	5	6	7	8
LIN	Weapon/equipment	Units per wpn	Packed wt per rd (lb)	Rd per wpn carried on individual	Rd per wpn carried on vehicle	Rd per wpn bulk loaded	Remarks
J97230	Gun, FA, SP, 175-mm, M107 (TOE 6–437H/439H)						
	Proj, 175-mm	104 rd	158.00		2	102	
	HE	(104)					
	Fuze	203 ea	3.313		2	201	
	PD	(104)					
	Prox	(78)					
	MTSQ	(21)					
	Charge, propelling	130 ea	114.00		2	128	
	M86	(104)					
	GB	(26)					
	Primer, percussion	110 ea	.092		2	108	
	Additive jacket	104 ea			2	102	
	Reducer, flash	104 ea			2	102	
	Gren, hand, frag	8 rd	2.125		8		
	Flare, surface, trip	5 ea	1.94		5		
K57392	Howitzer, 105-mm, towed, M101/M102 (TOE 6–116H/117H/157H/159H)						
	Proj, 105-mm	175 rd	65.00		60	135	Carried on prime mover, M34.
	HE w/o fuze	(75)					
	HEPT, fuze, BD	(5)					
	Illuminating, fuze, MT	(5)					
	Smoke, fuze, MT (red, green, yellow, 2 ea)	(6)					
	HCBE, fuze, MT	(10)					
	WP, w/o fuze	(8)					
	Apers, fuze, MT	(6)					
	HE, ICM, fuze, MTSQ	(60)					
	Fuze	175 ea	3.47		50	142	
	PD	(83)					
	CP	(9)					
	MTSQ	(17)					
	Prox	(66)					
K57392	Howitzer, 105-mm, towed, M101/M102 (TOE 6–206H/207H)						
	Proj, 105-mm	75 rd	65.00		40	35	Carried on prime mover, M561.
	HE, w/o fuze	(33)					
	HEPT, fuze, BD	(2)					
	Illuminating, fuze, MT	(2)					
	Smoke, fuze, MT (red, green, yellow, 1 ea)	(3)					

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Table 3–22. Ammunition Basic Load Guide—Continued

1	2	3	4	5	6	7	8
LIN	Weapon/equipment	Units per wpn	Packed wt per rd (lb)	Rd per wpn carried on individual	Rd per wpn carried on vehicle	Rd per wpn bulk loaded	Remarks
	HCBE, fuze, MT	(4)					
	WP w/o fuze	(4)					
	Apers, fuze, MTSQ	(25)					
	Fuze	77 ea	3.47		33	44	
	PD	(37)					
	CP	(3)					
	MTSQ	(7)					
	Prox	(30)					
K57392	Howitzer, 105-mm, towed, M101/M102 (TOE 6–706H/ 707H)						
	Proj, 105-mm	190 rd	65.00		40	150	Carried on prime mover M561.
	HE w/o fuze	(84)					
	HEPT fuze, BD	(5)					
	Illuminating, fuze, MT	(5)					
	Smoke, fuze, MT (red, green, yellow, 2 ea)	(6)					
	HCBE, fuze, MT	(12)					
	WP w/o fuze	(9)					
	Apers, fuze, MT	(5)					
	HE, ICM, fuze, MTSQ	(64)					
	Fuze	196 ea	3.47		33	163	
	PD	(93)					
	CP	(10)					
	MTSQ	(19)					
	Prox	(74)					
K57256	Howitzer, 105-mm, SP, M108 (TOE 6–347G)						
	Proj, 105-mm	133 rd	65.00		56	77	No longer in Active Army units.
	HE, w/o fuze	(58)					
	HEPT, fuze, BD	(4)					
	Illuminating, fuze, MT	(4)					
	Smoke, fuze, MT (red, green, yellow, 1 ea)	(3)					
	HCBE, fuze, MT	(9)					
	WP, w/o fuze	(6)					
	Apers, fuze, MT	(3)					
	HE, ICM, fuze, MTSQ	(46)					
	Fuze	133 ea	3.47		44	89	
	PD	(64)					
	MTSQ	(13)					
	Prox	(51)					

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Table 3–22. Ammunition Basic Load Guide—Continued

1	2	3	4	5	6	7	8
LIN	Weapon/equipment	Units per wpn	Packed wt per rd (lb)	Rd per wpn carried on individual	Rd per wpn carried on vehicle	Rd per wpn bulk loaded	Remarks
	Mg, cal .50	480 rd	.395		480		
	Gren, hand, frag	10 rd	2.125		10		
	Flare, surface, trip	5 ea	1.94		5		
K57803	Howitzer, mdm, 155-mm, towed, M114A1 (TOE 5–167H/ 169H)						
	Proj, 155-mm	176 rd	103.04		28	148	Carried on prime mover, M656.
	HE	(83)					
	WP	(8)					
	HCBE	(15)					
	Smoke (red, green, yellow, BE, 1 ea)	(3)					
	Illuminating	(5)					
	HE, ICM	(62)					
	Fuze	173 ea	3.313		22	151	*See note 34.
	PD	(91)					
	CP	(9)					
	MTSQ (M582)*	(18)					**See note 35.
	MTSQ	(18)**					
	MTSQ (M577)	(85)**					
	MT	(85)**					
	Prox	(73)					
	Charge, propelling	176 ea	29.386				
	GB	(45)					
	WB	(131)					
	Primer, percussion	180 ea	.092		30	150	
	Reducer, flash	131 ea			10	121	
K57803	Howitzer, mdm, 155-mm, towed, M114A1 (TOE 6–717H/ 719H)						
	Proj, 155-mm	189 rd	103.04		28	161	Carried on prime mover M55.
	HE	(89)					
	WP	(9)					
	HCBE	(16)					
	Smoke (red, green, yellow, BE, 1 ea)	(3)					
	Illuminating	(5)					
	HE, ICM	(67)					
	Fuze	185 ea	3.313		22	163	*See note 34.
	PD	(98)					
	CP	(9)					
	MTSQ (M582)*	(20)					**See note 35.
	MTSQ	(19)**					
	MTSQ (M577)	(91)**					

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Table 3—22. Ammunition Basic Load Guide—Continued

1	2	3	4	5	6	7	8
LIN	Weapon/equipment	Units per wpn	Packed wt per rd (lb)	Rd per wpn carried on individual	Rd per wpn carried on vehicle	Rd per wpn bulk loaded	Remarks
	MT	(91)**					
	Prox	(78)					
	Charge, propelling	189 ea	29.386		30	159	
	GB	(47)					
	WB	(142)					
	Primer, percussion	194 ea	.092		30	164	
	Reducer, flash	142 ea			11	131	
K57803	Howitzer, mdm, 155-mm, towed M114A1 (TOE 6—427H/429H)						
	Proj, 155-mm	154 rd	103.04		28	126	Carried on prime mover M656.
	HE	(72)					
	WP	(8)					
	HCBE	(12)					
	Smoke (red, green, yellow, BE, 1 ea)	(3)					
	Illuminating	(5)					
	HE, ICM	(54)					
	Fuze	153 ea	3.313		22	131	*See note 34.
	PD	(80)					
	CP	(9)					**See note 35.
	MTSQ (M582)*	(16)					**See note 35.
	MTSQ	(15)**					
	MTSQ (M577)	(74)**					
	Prox	(64)					
	Charge, propelling	154 ea	29.386		30	124	
	GB	(39)					
	WB	(115)					
	Primer, percussion	158 ea	.092		30	128	
	Reducer, flash	115 ea			8	107	
K57667	Howitzer, mdm, 155-mm, SP, M109/M109A1 (TOE 6—367H/369H/457H/459H)						
	Proj, 155-mm	234 rd	103.04		28	206	
	HE	(110)					
	WP	(12)					
	HCBE	(17)					
	Smoke (red, green, yellow, BE, 2 ea)	(6)					
	Illuminating	(7)					
	HE, ICM	(82)					
	Fuze	232 ea	3.313		30	202	*See note 34.
	PD	(122)					
	CP	(12)					*See note 35.

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Table 3–22. Ammunition Basic Load Guide—Continued

1	2	3	4	5	6	7	8
LIN	Weapon/equipment	Units per wpn	Packed wt per rd (lb)	Rd per wpn carried on individual	Rd per wpn carried on vehicle	Rd per wpn bulk loaded	Remarks
	MTSQ (M582)*	(24)					
	MTSQ	(23)**					
	MTSQ (M577)	(112)**					
	MT	(112)**					
	Prox	(98)					
	Charge, propelling	257 ea	29.386		28	229	
	GB	(59)					
	WB	(175) (152 for M109A1)					
	M119	(23)					
	Primer, percussion	240 ea	.092		28	212	
	Reducer, flash	175 ea			10	165	
	Mg, cal .50	480 rd	.395		480		
	Gren, hand, frag	8 rd	2.125		8		
	Flare, surface, trip	5 ea	1.94		5		
K57667	Howitzer, mdm, 155-mm, SP, M109/M109A1 (TOE 6–037H)						
	Proj, 155-mm	175 rd	103.04		28	147	
	HE	(82)					
	WP	(9)					
	HCBE	(15)					
	Smoke (red, green, yellow, BE, 1 ea)	(3)					
	Illuminating	(5)					*See note 34.
	HE, ICM	(61)					
	Fuze	173 ea	3.313		30	143	**See note 35.
	PD	(91)					
	CP	(9)					
	MTSQ (M582)*	(18)					
	MTSQ	(18)**					
	MTSQ (M577)	(84)**					
	MT	(84)**					
	Prox	(73)					
	Charge, propelling	193 ea	29.386		28	165	
	GB	(44)					
	WB	(131) (113 for M109A1)					
	M119	(18)					
	Primer, percussion	180 ea			28	152	
	Reducer, flash	131 ea			9	122	

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Table 3–22. Ammunition Basic Load Guide–Continued

1	2	3	4	5	6	7	8
LIN	Weapon/equipment	Units per wpn	Packed wt per rd (lb)	Rd per wpn carried on individual	Rd per wpn carried on vehicle	Rd per wpn bulk loaded	Remarks
	Mg, cal .50	480 rd	.395		480		
	Gren, hand, frag	8 rd	2.125		8		
	Flare, surface, trip	5 ea	1.94		5		
K56981	Howitzer, Hvy, 8-in, SP, M110 (TOE 6–358H/169H/297H/339H/447H/449H)						
	Proj, 155-mm	140 rd	211.00		2	138	
	HE	(84)					
	HE, ICM (M509)	(56)					
	Fuze	(167) ea	3.49		3	164	*See note 34.
	PD	(84)					
	CP	(16)					**See note 34.
	MTSQ (M582)*	(17)					
	MTSQ (M577)	(56)**					
	MT	(56)**					
	Prox	(67)					
	Charge, propelling	140 ea	47.94		3	137	
	GB	(35)					
	WB	(105)					
	Primer, percussion	145 ea	.092		3	142	
	Reducer, flash	105 ea			2	103	
	Gren, hand, frag	8 rd	2.125		8		
	Flare, surface, trip	5 ea	1.94		5		
L44575	Launcher, grenade, 40-mm, M791, M203 (TOE all)	32 rd	.750	18	6	8	
L92386	Machinegun, 7.62-mm, M60 (TOE all)	800 rd	.093		800		
L91975	Machinegun, cal .50 (TOE all)	480 rd	.395		480		
M45945	Mine, apers, M–14 (TOE all)		.49				See note 6
M46082	Mine, apers, M–16 (TOE all)		11.2p				See note 7.
M46493	Mine, apers, M–18A1 (TOE all)		6.80				Twelve per btry.
M48137	Mine, antitank, M–21 (TOE all)		22.70				See note 9.
R50681	Recovery vehicle, full-tracked, mdm, M88 (TOE 6–169H/339H)						
	Mg, cal .50	480 rd	395		480		
	Gren, hand, frag	8 rd	2.125		8		
	Flare, surface, trip	12 ea	1.94		12		

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Table 3–22. Ammunition Basic Load Guide–Continued

1	2	3	4	5	6	7	8
LIN	Weapon/equipment	Units per wpn	Packed wt per rd (lb)	Rd per wpn carried on individual	Rd per wpn carried on vehicle	Rd per wpn bulk loaded	Remarks
R50544	Recovery, vehicle, full-tracked, lt armored, M578 (TOE 6–369H/399H/375H)						
	Mg, cal .50	480 rd	.395		480		
	Gren, hand, frag	8 rd	2.125		8		
	Flare, surface, trip	12 ea	1.94		12		
R94977	Rifle, 5.56-mm (TOE all)						
	Ctg, 5.56-mm	210 rd	.042	140	70		
	Ball	(170)					
	Tracer	(40)					
S04958	Rocket, HE, .66-mm, M72A1 (LAW) (TOE all)		7.80	2	4		30 rds per btry.

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NOTES:

1. Requires explosive bolts (FSN 1375-885-3480) issued on a one-for-one basis. M22 basic load will be computed based on the following:

Avn bn (TOE as appl)	Basic load 12	6 Bolts for each helicopter	6 bolts bulk
Cav sqdn (TOE as appl)	Basic load 36	6 Bolts for each helicopter	30 bolts bulk
Aerial FA bn, TOE 6–725H	Basic load 18	6 Bolts for each helicopter	12 bolts bulk

2. Peptizer (Ethylhexanoic acid, FSN 6810-2310) should be considered as under caliber .60 ammunition.
3. Thickner, incendiary oil, should be considered as under caliber .60 ammunition.
4. Toxic munitions will not be required.
5. In accordance with CDC message, dtd 261955Z Jan 73, the M72 (rkt, 66-mm LAW) is to be issued to units operating forward of division rear boundary in following quantities:
   a. Bde HHC, 18 rds
   b. Bn HHC, 36 rds
   c. Cbt Spt Co, 18 rds
   d. Front line co/trp/btry, 30 rds
6. One for every 15 individuals in category I units.
7. One for every 30 individuals in category I units plus 40 additional in nondivisional engineer units.
8. Ten for each artillery battalion and nondivisional engineer battalion.
   Two for each full-track vehicle in armor and mechanized units and separate engineer companies.
   Fifteen for each engineer battalion in infantry, airborne, and armor divisions.
9. One for every 10 individuals in category I units in infantry, airborne, and air assault divisions and artillery battalions.
   Two for every five individuals in category I units of armor and mechanized divisions, cavalry regiments, and separate armor and mechanized infantry battalions.
   Five hundred twenty for each engineer battalion in armor and mechanized divisions.
   One hundred for each engineer battalion in infantry, airborne, and air assault divisions.
   Forty for each nondivisional engineer battalion.

NOTES:

10. Forty for each airborne, infantry, or armor rifle battalion.
11. Sixty-four pounds for each portable disperser.
12. Two hundred forty pounds for each helicopter or vehicle-mounted disperser.
13. Eight for each portable flamethrower.
14. One can for each portable flamethrower.
15. Two cans for each portable flamethrower.
16. Four for each Army aircraft (1 each color).
    Sixteen for each infantry, airborne, or armored rifle platoon (4 each color).
    Sixteen for each MP platoon or detachment (4 each color).
    Forty-eight for each reconnaissance company (12 each color).
    Thirty-two for each company, battery, or similar size unit NOA (8 each color).
17. Two for each Army aircraft.
    Eight for each company, battery, or similar size unit NOA.
    Forty-eight for each category I unit.
18. One for each field safe.
    Two for each FCMV, less track-laying vehicles.
    Two for each crew-served weapon, less machinegun and rocket launcher.
    Two for each cryptographic device NOA.
    Two for each major item of equipment considered a candidate for incendiary destruction.
    Two for each Army aircraft.
    Four for each track-laying vehicle.
    Four for each watercraft.
19. Not used.
20. Three hundred fifty for each MP company.
    Two hundred fifty for each company-sized unit NOA, when designated for riot control.
21. Not used.
22. One hundred sixty for each MP company.
    Two hundred eight for each company-sized unit NOA, when designated for riot control.
23. Sixteen for each infantry, airborne, or armored rifle platoon.
24. Two for each platoon or similar size unit (40 men).
25. Two for each chemical smoke generator.
    Six for each company, engineer combat battalion.
    Eight for each engineer company float, panel, or pontoon bridge.
26. Two for each chemical smoke generator.
    Six for each infantry, airborne, or armor rifle company and each FA battery.
    Ten for each company, engineer combat battalion.
    Twelve for each engineer company float, panel, or pontoon bridge.
27. Not used.
28. Not used.
29. Not used.

NOTES: 30. Not used.

31. Five hundred per combat engineer line company—electric.
Three hundred per armored cavalry squadron—electric.
Five hundred per combat engineer line company—nonelectric.
Six hundred per cavalry squadron—nonelectric.
Two hundred per ordnance ammunition company—nonelectric.

32. The missile in the launch tube weighs 54 lbs. Rds per wpn carried on vehicle is dependent upon the vehicle used: M113 Armored Personnel Carrier—10 rds. M274, ½ ton weapon Carrier (MULE)—6 rds. M151A, ¼-ton truck missile carrier—6 rds. M151A1, ¼-ton truck firing vehicle—2 rds.
The remaining rds are bulk loaded.

33. The launcher ready to fire weighs 30.9 lbs.

34. Electronic TSQ fuze classified LCC A. Procurement pending.

35. Quantities shown are dependent upon projectile/fuze compatibility and may be modified accordingly.

Table 3—23. Basic Load of Ammunition—Example for an Infantry Unit

1	2	3	4	5	6	7	8	9	10	11	12
Unit and type of munition	Units per wpn	Packed wt per rd (lb)	Total wpn	Total rd	Carried on indiv		Carried on veh		Bulk loaded		Total wt (lb)
					Rd per wpn	Total wt (lb)	Rd per wpn	Total wt (lb)	Rd per wpn	Total wt (lb)	
Inf bn (mech), armd, inf, and mech div (TOE 7-45H)											
Carrier, FT, M125A1 w/81-mm mortar	--	--	9	--	--	--	--	--	--	--	--
Proj, 81-mm	156 rd	17.32	9	1,404	--	--	115	1,992	41	710	24,317
Fuze*	156 ea	3.84	9	1,404	--	--	115	442	41	157	5,391
Mg, cal .50	2,100 rd	.395	9	18,900	--	--	525	207	1,575	622	7,465
Gren, hand, frag	8 rd	2.125	9	72	--	--	8	17	--	--	153
Flare, surface, trip	10 ea	1.94	9	90	--	--	10	19	--	--	174
Carrier, SP, M106, w/107-mm mortar	--	--	4	--	--	--	--	--	--	--	--
Proj, 107-mm	184 rd	40.00	4	736	--	--	83	3,320	101	4,040	29,440
Fuze*	184 ea	3.84	4	736	--	--	83	319	101	388	2,826
Mg, cal .50	1,260 rd	.395	4	5,040	--	--	630	249	630	249	1,996
Gren, hand, frag	8 rd	2.125	4	32	--	--	8	17	--	--	68
Flare, surface, trip	10 ea	1.94	4	40	--	--	10	19	--	--	78
Carrier, Comd and Recon, armd (M114, M114A1, M114A1E1)	--	--	15	--	--	--	--	--	--	--	--
Gun, auto, 20-mm (M114A1E1 only)	400 rd	1.00	15	6,000	--	--	400	400	--	--	6,000
Mg, cal .50 (M114, M114A1 only)	1,470 rd	.395	15	22,050	--	--	1,050	415	420	166	8,710
Mg, 7.62-mm (all models)	3,400 rd	.093	15	51,000	--	--	2,600	242	800	74	4,743
Gren, hand, frag (all models)	8 rd	2.125	15	120	--	--	8	17	--	--	255
Flare, surface, trip (all models)	12 ea	1.94	15	180	--	--	12	23	--	--	349
Carrier, command post, lt-tracked M577	--	--	7	--	--	--	--	--	--	--	--
Gren, hand, frag	20 rd	2.125	7	140	--	--	20	43	--	--	297
Flare, surface, trip	12 ea	1.94	7	84	--	--	12	23	--	--	163
Carrier, GM (TOW)	--	--	12	--	--	--	--	--	--	--	--
Missile (TOW)	16 ea	87.00	12	192	--	--	10	870	6	522	16,704
Mg, cal .50	315 rd	.395	12	3,780	--	--	315	124	--	--	1,493
Mg, 7.62-mm	600 rd	.093	12	7,200	--	--	600	56	--	--	700
Gren, hand frag	20 rd	2.125	12	240	--	--	20	42	--	--	510
Flare, surface, trip	10 ea	1.94	12	120	--	--	10	19	--	--	233
Carrier, personnel, FT, armd, M113	--	--	47	--	--	--	--	--	--	--	--
Mg, cal .50	1,995 rd	.395	47	93,765	--	--	1,995	788	--	--	37,037
Gren, hand, frag	20 rd	2.125	47	940	--	--	20	43	--	--	1,997
Flare, surface, trip	12 ea	1.94	47	564	--	--	12	23	--	--	1,094
Flamethrower, portable	--	--	9	--	--	--	--	--	--	--	--
Ignition, cylinder, flamethrower	8 ea	.28	9	72	--	--	--	--	8	2	20
Peptizer (1 gal)	1 ea	8.00	9	9	--	--	--	--	1	8	72
Thickner, incendiary oil (5-lb can)	2 ea	5.00	9	18	--	--	--	--	2	10	90
Launcher, grenade, 40-mm (M79, M203)	30 rd	.75	94	2,820	20	15	10	7	--	--	2,115
Machinegun, cal .50	630 rd	.395	26	16,380	--	--	420	166	210	83	6,470
Machinegun, 7.62-mm, M60	3,000 rd	.093	49	147,000	800	74	1,200	112	1,000	93	13,671

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*Type and quantity may vary according to mission requirements.

Table 3–23. Basic Load of Ammunition–Example for an Infantry Unit–Continued

1	2	3	4	5	6	7	8	9	10	11	12
Unit and type of munition	Units per wpn	Packed wt per rd (lb)	Total wpn	Total rd	Carried on indiv		Carried on veh		Bulk loaded		Total wt (lb)
					Rd per wpn	Total wt (lb)	Rd per wpn	Total wt (lb)	Rd per wpn	Total wt (lb)	
Pistol, auto, cal .45	21 rd	.056	112	2,352	21	132	--	--	--	--	132
Recovery vehicle, FT, lt armd, M578	--	--	6	--	--	--	--	--	--	--	--
Mg, cal .50	525 rd	.395	6	3,150	--	--	525	207	--	--	1,244
Gren, hand, frag	8 rd	2.125	6	48	--	--	8	17	--	--	102
Flare, surface, trip	16 ea	1.94	6	96	--	--	16	31	--	--	186
Rifle, 5.56-mm	440 rd	.042	753	331,320	140	6	300	13	--	--	13,915
Rifle, recoiless, 90-mm	18 rd	27.50	18	325	--	--	12	330	6	165	8,910
Rifle, recoilless, 106-mm	30 rd	60.00	6	180	--	--	17	1,020	13	780	10,800
Submachinegun, cal .45	200 rd	.056	12	2,400	200	11	--	--	--	--	134
									Total wt lbs.		210,050
									Total wt STONS		105.0

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Table 3–24. Basic Load of Ammunition–Example for an Artillery Unit

1	2	3	4	5	6	7	8	9	10	11	12
Unit and type of munition	Units per wpn	Packed wt per rd (lb)	Total wpn	Total rd	Carried on indiv		Carried on veh		Bulk loaded		Total wt (lb)
					Rd per wpn	Total wt (lb)	Rd per wpn	Total wt (lb)	Rd per wpn	Total wt (lb)	
FA bn, 155-mm, SP, armd and mech div (TOE 6-365H)											
Carrier, cgo, tracked, 6-ton, M548	--	--	18	--	--	--	--	--	--	--	
Mg, cal .50	480 rd	.395	18	8,640	--	--	480	190	--	--	3,413
Mg, 7.62-mm	800 rd	.093	18	14,400	--	--	800	74	--	--	1,339
Carrier, command post, light tracked, M577	--	--	10	--	--	--	--	--	--		
Gren, hand, frag	20 rd	2.125	10	200	--	--	20	43	--	--	425
Flare, surface, trip	12 ea	1.94	10	120	--	--	12	23	--	--	232
Howitzer, mdm, 155-mm, SP, M109	--	--	18	--	--	--	--	--	--	--	
Proj, 155-mm	234 rd	103.04	18	4,212	--	--	28	2,885	206	21,226	434,004
Fuze[1]	234 ea	3.313	18	4,212	--	--	28	93	206	682	13,950
Charge, propelling	234 ea	29.386	18	4,212	--	--	28	823	206	6,054	123,774
Primer	240 ea	.092	18	4,320	--	--	30	3	210	19	397
Mg, cal .50	480 rd	.395	18	8,640	--	--	480	190	--	--	3,413
Gren, hand, frag	8 rd	2.125	18	144	--	--	8	17	--	--	306
Flare, surface, trip	5 ea	1.94	18	90	--	--	5	10	--	--	175
Launcher, rocket, multiple, 155-mm[2]	--	93.33	3	--	--	--	--	--	--	--	See note 2.
Launcher, grenade, 40-mm, M79, M1203	32 rd	.75	50	1,600	20	15	12	9	--	--	1,200
Mg, 7.62-mm, M60	800 rd	.093	32	25,600	--	--	800	74	--	--	2,381
Pistol, automatic, cal .45	21 rd	.056	23	483	21	1	--	--	--	--	27
Recovery veh, FT, lt armd, M578	--	--	2	--	--	--	--	--	--	--	--
Mg, cal .50	480 rd	.395	2	960	--	--	480	190	--	--	380
Gren, hand, frag	8 rd	2.125	2	16	--	--	8	17	--	--	34
Flare, surface, trip	16 ea	1.94	2	32	--	--	16	31	--	--	62
Rifle, 5.56-mm	210 rd	.042	518	108,780	140	6	70	3	--	--	4,569
Submachinegun, cal .45	200 rd	.056	4	800	200	17	--	--	--	--	45
											590,126
									Total wt STONS		295.1

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[1]Type and quantity will vary according to mission requirements.

[2]Toxic munitions will not be requisitioned.

Table 3–25. Characteristics of Chemical Agents

1	1 Name and aymbol	2 Odor	3 Effect on body	4 Persistency effect	5 Possible dispersion methods
	Toxic chemical agents				
2	Distilled mustard, HD [1]	Like garlic or horseradish.	Injures eyes and lungs; blisters skin	Up to several weeks	Artillery, bomb, landmine, mortar.
3	Nerve agent, GB [2]	Odorless	Causes blurred vision with pinpointing of pupils, skin and eye spasms, difficult breathing, tightness in chest, salivation, mental confusion, convulsions, death.	A few minutes	Artillery, bomb, landmine, rocket, spray.
4	Nerve agent, VX [1]	Odorless	Similar to effects from GB	Long duration	Rocket, mine, artillery, spray.
	Riot control agents				
5	O-chlorobenzalmalononitrile, CS [3]	Like pepper	Causes tears; irritates skin; and acts as a vomiting agent. May cause temporary pain in chest.		Capsule, artillery, bomb, cartridge, rocket, cluster, grenade, mechanical disperser.
6	Chloroncetophenone, CN [3]	Fragrant	Causes tears and irritates skin		Candle, pellet, grenade, mechanical disperser.
	Incapacitating agents				
7	Incapacitating agent, BZ [3]		Causes temporary slowing of mental and physical activity, disorientation, and hallucinations.		Bomb, thermal generator.
	Screening smokes				
8	Hexachlorethane-zinc oxide mixture, HC [4].	Slightly acrid	30-minute exposure to ordinary concentration harmless; 1-hour exposure to heavy concentration may irritate nose and throat and cause illness; heavy metal poisoning possible with prolonged exposure.	Subject to atmospheric conditions.	Artillery, bomb, grenade, mortar, pot, rocket.
9	Sulfur trioxide in chlorosulfonic acid, FS [4].	Acrid	Smoke not toxic in ordinary concentration; high concentration irritates eyes, throat, and chest and may cause illness; liquid is corrosive and burns skin.	Subject to atmospheric conditions.	Artillery, mortar, rocket, spray.
10	Fog oil, SGF2	Like petroleum oil	Prolonged exposure can irritate lungs and throat.	Subject to atmospheric conditions.	Smoke generator, grenade, pot.
11	White phosphorus, WP	Like burning matches.	Smoke is harmless in field concentration; solid particles burn flesh.	Subject to atmospheric conditions.	Artillery, bomb, grenade, mortar, rocket.
12	Plasticized white phosphorus, PWP [5]	Like burning matches.	Same effect on body as WP	2–3 minutes	Artillery, bomb, grenade, mortar, rocket.

See footnotes at end of table.

Table 3—25. Characteristics of Chemical Agents—Continued

1	1 Name and symbol	2 Odor	3 Effect on body	4 Persistency effect	5 Possible dispersion methods
	Signaling smokes				
13	Green smoke, GS	Acrid		Subject to atmospheric conditions.	Artillery, bomb, grenade.
14	Red smoke, RS	Acrid		Subject to atmospheric conditions.	Artillery, bomb, grenade.
15	Violet smoke, VS	Acrid		Subject to atmospheric conditions.	Artillery, bomb, grenade.
16	Yellow smoke, YS	Acrid		Subject to atmospheric conditions.	Artillery, bomb, grenade.

[1] Requires protective clothing and mask.
[2] Requires mask; protective clothing required if there is danger of liquid concentrations.
[3] Requires mask.
[4] Mask required in dense concentrations.
[5] Secondary tactical classification is antipersonnel agent; agent also has incendiary effect.

Table 3–26. Characteristics of Chemical Munitions

1	1	2	3	4	5	6	7	8
								Standard color coding system
1	LIN	Munition	Agent symbol	Weight of filled munition (lb)	Burning time (min)	Radius of burst (m)	Number and color of bands	Base (primary use)
		Hand grenades						
2	J77626	Gren, hand, green-smoke, M18	GS	1.20	1	NA	None	Light-green background; black lettering.
3	J77763	Gren, hand, incd, TH3, AN–M14	TH3	2.00	1/2	NA	None	Light red; black lettering.
4	J78757	Gren, hand, riot con, type CS1, M25A2	CS1	0.50	NA	5	1 red	Gray; red lettering.
5	J79133	Gren, hand, red-smoke, M18	RS	1.20	1	NA	1 light green	Olive drab; light-green lettering.
6	J79270	Gren, hand, riot, CN1, ABC, M25A2	CN1	0.50	NA	5	1 red	Gray; red lettering.
7	J79544	Gren, hand, riot, CS, M7A3	CS	1.00	1/4 to 1/2	NA	1 red	Gray; red lettering.
8	J79681	Gren, hand, smoke, ABC, AN–M8	HC	1.50	2	NA	None	Light green; black lettering.
9	J79818	Gren, hand, violet-smoke, M18	VS	1.20	1	NA	1 light green	Olive drab; light-green lettering.
10	J79955	Gren, hand, yellow-smoke, M18	YS	1.20	1	NA	1 light green	Olive drab; light-green lettering.
11	J80092	Gren, hand and rifle, smoke, WP, M34	WP	1.50	1	35	1 yellow	Light green; light-red lettering.
		Flamethrower						
12	K67817	Ignition cyl, flamethrower, M1	NA	0.10	1/10 to 1/5	NA	None	Light red; black lettering.
		Incendiaries						
13	C39059	Burster, incd, fld, M4	Incd	2.25	NA	35	1 yellow	Light red; black lettering.
14	F52132	Crypto equip destroyer, incd, TH4, M1A2, M2A1.	TH4	34.00	1	NA	None	Light red; black lettering.
15	G33515	Docu destroyer, emerg, incd, M3	Incd	117.00	20	NA	None	Light red; black lettering.
16	H40472	File destroyer, emerg, incd, M3	Incd	117.00	20	NA	None	Light red; black lettering.
		Landmine						
17	M48959	Mine, gas, persistent, VX, 2-gal, ABC and M23.	VX	22.75 (unfuzed)	NA	NA	3 green, 1 yellow.	Gray; green lettering.
		Smokepots and signals						
18	T52025	Sig, gnd, green-smoke, prcht, M128E1	GS	1.16	1/4	NA	None	Light green; black lettering.
19	T52162	Sig, gnd, red-smoke prcht, M129E1	RS	1.16	1/4	NA	None	Light green; black lettering.
20	T84505	Smokepot, HC, 30-lb, M5	HC	33.00	12 to 22	NA	None	Light green; black lettering.
21	T84657	Smokepot, fltg, HC, M4A2	HC	38.00	10 to 15	NA	None	Light green; black lettering.

Table 3—26. Characteristics of Chemical Munitions—Continued

1	2	3	4	5	6	7	8
1 LIN	Munition	Agent symbol	Weight of filled munition (lb)	Burning time (mine	Radius of burst (m)	Standard color coding system: Number and color of bands	Standard color coding system: Base (primary use)
	Fire starter						
22 U30201	Starter, fire, NP3, M2	NP3	0.03	4	NA	None	Light red; black lettering.
	Rockets						
23 S03725	Rkt, gas, nonpersistent GB, 115-mm, M55	GB	55.00	NA	NA	3 green, 1 yellow.	Gray; green lettering.
24 S03862	Rkt, gas, persistent, VX, 115-mm, M55	VX	56.00	NA	NA	3 green, 1 yellow.	Gray; green lettering.
	81-mm mortar						
25 D50165	Ctg, 81-mm, smoke, WP M370	WP	9.34	NA	20 to 30	None	Light green; light-red lettering.
	90-mm gun						
26 D51535	Ctg, smoke, WP, 90-mm gun, M313	WP	23.64	NA	15 to 30	None	Light green; light-red lettering.
27 D51672	Ctg, 90-mm, smoke, WP, M313C	WP	23.57	NA		None	Light green; light-red lettering.
	105-mm howitzer						
28 D54275	Ctg, 105-mm, gas, HD, M60	HD	43.27	N1	NA	2 green	Gray; green lettering.
29 D54412	Ctg, smoke, WP, 105-mm how, M60	WP	34.83	NA	20 to 40	None	Light green; light-red lettering.
30 D54960	Ctg, green-smoke, BE, 105-mm how, M84	GS	30.48	1 to 4	NA	None	Light green; white lettering.
31 D55097	Ctg, smoke, HC, BE, 105-mm how, M84	HC	32.86	1 to 4	NA	None	Light green; white lettering.
32 D55234	Ctg, red-smoke, BE, 105-mm how, M84	RS	30.68	1 to 4	NA	None	Light green; white lettering.
33 D55508	Ctg, yellow-smoke, BE, 105-mm how, M84	YS	30.29	1 to 4	NA	None	Light green; white lettering.
34 D56878	Ctg, gas, nonpersistent, 105-mm how, M360	GB	35.59	NA	NA	None	Light green; white lettering.
35 ----------	Canister, green-smoke, 105-mm shell, M2	GS	40.30	2	NA	3 green	Gray; green lettering.
36 ----------	Canister, red-smoke, 105-mm shell, M2	RS	40.50	2	NA	None	Light green; black lettering.
37 ----------	Canister, smoke, HC, 105-mm shell, M1	HC	42.70	3	NA	None	Light green; black lettering.
38 ----------	Canister, violet-smoke, 105-mm shell, M2	VS	40.30	2	NA	None	Light green; black lettering.
39 ----------	Canister, yellow-smoke, 105-mm shell, M2	YS	40.10	2	NA	None	Light green; black lettering.

		Miscellaneous						
40	D41048	Ctg, 40-mm, red-smoke fill, for lchr, M79	RS				None	Bright red; black lettering.
41	D41052	Ctg, 40-mm, riot con, CS fill, for lchr	CS		NA		1 red	Gray; red lettering.
42	D59344	Ctg, gas, persistent, HD, 4.2-in mort, M2A1	HD	23.50	NA		2 green	Gray; green lettering.
43	D59481	Ctg, smoke, WP, 4.2-in mort, M328	WP	28.66	NA	20 to 50 [a]	None	Light green; light-red lettering.
44	E42210	Cluster canister, tac CS, 130-lb, E159	CS	130			1 red	Gray; red lettering.
45	E42460	Cluster frag bomb, incapacitating M43	BZ				2 red	Gray; red lettering.
46	L43914	Lchr and 35-mm ctg, tac CS, 16-tube, E8	CS	33.5			1 red, 1 brown	Gray; red lettering.
		120-mm gun						
47	P69501	Proj, 120-mm, smoke, WP-T, M357	WP	50.30	NA	50 [a]	None	Light green; light-red lettering.
		155-mm howitzer						
48	P72789	Proj, gas, persistent, HD, 115-mm how, M110.	HD	94.00	NA		2 green	Gray; green lettering.
49	P73063	Proj, green-smoke, BE, 155-mm how, M116B1.	GS	86.44	1/2 to 4	NA	None	Light green; white lettering.
50	P73200	Proj, smoke, HC, BE, 155-mm how, M116B1	HC	94.35	1 to 4	NA	None	Light green; white lettering.
51	P73337	Proj, red-smoke, BE, 155-mm how, M116B1	RS	86.44	1/2 to 4	NA	None	Light green; white lettering.
52	P73611	Proj, yellow-smoke, BE, 155-mm how, M116B1.	YS	86.44	1/2 to 1/4	NA	None	Light green; white lettering.
53	P73885	Proj, gas, nonpersistent, GB, 155-mm how, M121A1.	GB		NA	(b)	3 green	Gray; green lettering.
54	P74022	Proj, gas, persistent, VX, 155-mm how, M121A1.	VX		NA	(b)	3 green	Gray; green lettering.
55		Canister, violet-smoke, 155-mm shell, M3	VS	86.40	1 to 3	NA	None	Light green; black lettering.
56		Canister, violet-smoke, 155-mm shell, M4	VS	86.40	1/2 to 3	NA	None	Light green; black lettering.
57		Canister, yellow-smoke, 155-mm shell, M3	YS	86.40	1 to 3	NA	None	Light green; black lettering.
58		Canister, yellow-smoke, 155-mm shell, M3	YS	86.40	1/2 to 3	NA	None	Light green; black lettering.
59		Canister, green-smoke, 155-mm shell, M4	GS	86.44	1 to 3	NA	None	Light green; black lettering.
60		Canister, green-smoke, 155-mm shell, M4	GS	86.40	1/2 to 3	NA	None	Light green; black lettering.
61		Canister, red-smoke, 155-mm shell, M3	RS	86.40	1 to 3	NA	None	Light green; black lettering.
62		Canister, red-smoke, 155-mm shell, M4	RS	86.40	1/2 to 3	NA	None	Light green; black lettering.
63		Canister, smoke, HC, 155-mm shell, M1	HC	95 10	2 to 4	NA	None	Light green; black lettering.
64		Canister, smoke, HC, 155-mm shell, M2	HC	94.35	1 to 4	NA	None	Light green; black lettering.
		8-in. howitzer						
65	P75392	Proj, gas, nonpersistent, GB, 8-in how, M426.	GB		NA	(b)	3 green	Gray; green lettering.
66	P15529	Proj, gas, persistent, VX, 8-in how, M426	VX		NA	(b)	3 green	Gray; green lettering.

Table 3-26. Characteristics of Chemical Munitions—Continued

1	1	2	3	4	5	6	7	8
								Standard color coding system
1	LIN	Munition	Agent symbol	Weight of filled munition (lb)	Burning time (min)	Radius of burst (m)	Number and color of bands	Base (primary use)
		Rocket warheads						
67	Y25286	Whd sec, 762-mm rkt, gas, nonpersistent, GB, M190.	GB	1,716.00	NA	(b)	3 green, 1 yellow	Gray; green lettering.
68	Y26314	Whd, 2.75-in rkt, smoke	WP		NA		1 brown	Light green; light-red lettering.
69		Whd, 2.75-in rkt, colored smoke			NA		1 brown	Light green; black lettering.
70		Whd sec, GM, gas, nonpersistent, GB, M212	GB	2,069.99	NA	(b)	3 green, 1 yellow	Gray; green lettering.

[a] For antipersonnel effect.
[b] Information is classified.

(Next printed page is 3-83)

Section V. CLASS VI, VII, VIII, IX, AND X SUPPLY

3–9. Class VI Supply

Class VI supplies consist of Army and Air Force Exchange Service items for sale to troops and other authorized individuals. Class VI supplies may be available through local procurement, through transfer from theater stocks, or through requisition on the Army and Air Force Exchange Service in CONUS. Available shipping space dictates allocation and shipment of class VI supplies to the theater. The Army and Air Force Exchange Service determines requirements; procures, stores, and distributes supplies; and operates the resale facilities. A planning factor of 3.2 pounds per man per day can be used for estimating class VI requirements.

Table 3–31. Class VI Consumption Rates

	1	2	3	4
1	Item	Lb per man per day	STON per 10,000 men per mo	MTON per 10,000 men per mo
	Army Exchange Items			
	Combat zone:			
2	Army in amph op	0.533	80.00	200.00
	Theater:			
3	European	1.428	210.00	430.00
4	Pacific	1.571	240.00	500.00
	Special Services Items			
	Donated items:			
5	Total donated items		0.15	0.50
	Recreational:			
6	Books and magazines		0.75	1.00
7	Music, theatrical, crafts, and misc		1.00	2.00
8	Sports		0.75	2.00
9	Total recreational		2.50	5.00

3–10. Class VII Supply

Major end items, such as tanks, vehicles, aircraft, which are ready for intended use are normally controlled through command channels. Requests for issues of additional or replacement items are normally based on TOE or a similar authorization document. Requests are processed through command channels. A planning factor of 4.27 pounds per man per day can be used.

3–11. Class VIII Supply

Medical materiel includes medical, dental, and veterinary supplies; repair parts; and equipment. The planning factor of .35 pounds per man per day should be used with caution and only in the absence of current demand data. Class VIII requirements are influenced significantly by factors such as intensity of combat and environmental factors (e.g., weather, sanitary conditions). The supply planner must also consider factors such as special requirements for storage and distribution (e.g., security, refrigeration, and potency periods) that are associated with medical materiel. The surgeon at each level of command is responsible for determining requirement, procurement, storage, and distribution of class VIII.

3–12. Class IX Supply

Class IX supply consists of repair parts and components to include kits, assemblies and subassemblies, both repairable and nonrepairable, required for maintenance support of all equipment, except medical materiel. The consumption factors shown in table 3–3 of 1.52 pounds per man per day are based upon World War II and experiences in Korea. Specific repair part requirements are dependent upon the equipment of the force and the maintenance policy of the force, which may specify varying

degrees of reliance upon cannibalization, a level of maintenance based upon performing only mission essential maintenance operations, and a varying stockage policy as to the breadth and depth of stockage. Assuming a policy of air-lifting all critical repair parts, a general planning factor of 15 percent of the theater tonnage based upon Vietnam and peacetime experience may be used.

3–13. Class X Supply

Materiel to support nonmilitary programs, which has not been included in other classes of supply, are included in this category. Agricultural and economic development programs are examples of type projects which may be supported by class X supplies. A planning factor of pounds per man per day is not appropriate for this class of supply.

CHAPTER 4
MOVEMENTS PLANNING DATA
(STANAG 2151)

Section I. MODE PLANNING

4–1. General

This chapter contains detailed data on transportation capabilities and methods of computing transportation requirements. It presents a section on mode planning and a separate section on each of the major means of transportation required to support military operations by air, motor, rail, and water.

4–2. Capacities of Lines of Communication

a. Capacities of lines of communication (LOC) are quantitative statements of the capability of the routes to sustain the movement of cargo or troops. Usually, they are expressed in short tons (STONS) or troops per day. Troops per day can be converted to tons by using the passenger conversion factor of seven troops per STON, based on the combined passenger and baggage weight of 280 pounds per individual.

b. Transportation capabilities are dependent on the following:

(1) Number, lift capacities, and speed of available transportation modes.

(2) Environmental factors (e.g., terrain, climate) influencing the operational characteristics of the transport system.

(3) Distances between origins and destinations.

(4) Loading and unloading capabilities.

(5) Maintenance capabilities.

(6) Turnaround time (time required for one vehicle to complete one cycle). This is dependent on the above factors as well as on refueling time and other incidental time consumed in the normal operation of the mode.

(7) Critical density. This refers to the number of vehicles that will provide the maximum tonnage rate over a LOC during a specific period, considering the above factors.

(8) Route capacity.

4–3. Advance Transportation Planning Factors

To obtain an estimate of transportation requirements, data shown below and the tables in pertinent sections may be used.

a. Water.

(1) *Fixed terminal and beach operations.* Unless the deep draft fixed ocean terminal facilities available are sufficiently dispersed and do not present a favorable target to the enemy, operating plans should provide for the maximum possible movement of tonnage over beaches and through shallow draft facilities. Prior to the wholesale use of containers in the Defense Transportation System (DTS), the movement of cargo through logistics over-the-shore operations (LOTS) sites did not present a significant problem. However, the offshore discharge of containers from nonself-sustaining containerships and the movement of containers over a beach pose many problems not associated with break bulk operations. To overcome the obstacles associated with this type of operation, efforts are currently underway to produce a viable LOTS container system which will provide a degree of independence of fixed ocean terminals. For currently existing doctrine and operation alternatives refer to FM 55–70, *Army Transportation Container Operations.*

(2) Ideally, in an amphibious landing force, troop units, their equipment, and accompanying supplies will be embarked in Navy ships possessing full amphibious assault capabilities.

(3) Because Navy shipping may not be sufficient to satisfy the total lift requirements, the use of Military Sealift Command (MSC) and MSC-chartered commercial ships may be necessary, particularly for assault follow-on echelons. The percentage of lift requirements to be transported by each source of shipping will vary depending on: the size of the landing force, priority of other assault shipping requirements,

and the current size of the Navy amphibious fleet.

(4) Space or other factors sometimes prevent loading of all organizational equipment and supplies of a unit on a single ship. Such supplies and equipment must be loaded on another vessel and sufficient personnel from the parent organization must accompany them.

b. Railways (Foreign Countries).[1]

(1) *Standard gage* (1.435 m (56 1/2-in)).

Single track .....10 trains (5,000 STON) per day in each direction.
Double track .....Minimum 30 trains (15,000 STON) per day in each direction.
Trainload .....500 STON of cargo (25 cars at 20 tons each) or 1,000 troops (40 boxcars at 25 troops each).

(2) *Narrow gage* (0.91 m (36-in), 1.00 m (39 3/8-in)), and (1.067-m (41-in)).

Single track .....10 trains (3,750 STON) per day in each direction.
Trainload .....375 STON of cargo (25 cars at 15 tons each) or 500 troops (20 boxcars at 25 troops each).

[1]For planning, new carload capacity (payload) is computed at 50 percent of its rated capacity. US equipment overseas box, gondolas, and flatcars, 40 tons rated capacity (standard gage); 30 tons rated capacity (narrow gage).

c. Highway (Supply Traffic in the Theater of Operations).

(1) Highway tonnage capability:[2] [3]

	Daily tonnage forward (STON)	
	COMMZ	*Combat zone*
Concrete	36,000	8,400
Bituminous	27,000	7,300
Bituminous treated	18,000	5,800
Gravel	6,090	3,400
Earth	2,940	1,600

(2) A hard-surface, two-lane road of high-type asphalt, macadam or equivalent will support a corps of three divisions.

d. Capacities of Transportation Modes. Table 4–1 shows capacities of various transportation modes.

[2]No exact formula has been developed for determining the capabilities of various types of roads and highways because of various factors that must be considered. These capabilities are based on the following assumptions:

a. Operation is sustained.
b. Necessary road maintenance is performed.
c. Each road bears two lanes of traffic, permitting movement in both directions.
d. Standard cargo trucks, 2 1/2-ton, 6 x 6 , are used.
e. Two-thirds of the capability of the road is used for civil and military traffic normal to a theater of operations (TO).

[3]Reductions for width, realinement, and weather have not been applied.

Table 4–1. Capacities of Transportation Modes[1]

1	2	3	4	5
Medium		*STON per day*	*LTON per day*	*REMARKS*
Land.				
Highways (average)	Gravel	3,400	3,031	
	Bituminous-treated	5,800	5,178	
	Concrete	8,400	7,500	
Railways standard gage	Single-track	5,000	4,910	
(each way)	Double-track	15,000	13,392	
Pipeline[2]	4-in (inside diameter)	930	830	
	6-in	2,000	1,785	
	8-in	3,480	3,107	
	12-in	18,300	16,339	
Water.				
Vessel discharge rate				
Fixed port	Container ship	9,360	8,357	Peak discharge capability when not backloading containers. (720 containers averaging 13 STONS per 20-foot containers.)
		5,070	4,527	When simultaneously discharging and backloading containers (390 containers each way).[3]
	Break bulk cargo ship	1,000	892	See footnote 4.
LOTS	Container ship	3,900	3,482	300 containers averaging 13 STONS per 20-foot container.
	Break bulk cargo ship	1,000	892	See footnote 4.
Beach capacity.				
Per 1,000 meters of beach		1,860	1,661	When utilizing landing craft. Beach measurements are not applicable when amphibians are used. Only beach entrance and exit points are required.
Capacities of average break bulk cargo ship			5,000	10,000 MTONS of Army cargo.
Capacities of average trains in TO		500	455	Or 1,000 troops.[5]

Footnotes

[1] These capabilities are worldwide average planning figures. Planners should consider them as initial capacities only. An examination should be made of available technical intelligence data pertinent to the area of operations for a more accurate planning estimate.

[2] The capacities of pipeline systems vary depending on the size of the pipe, gradient, location and size of pumps, and type of construction. Welded commercial pipes can be operated at a much greater pressure than standard military lines which have flexible couplings.

[3] Tonnages used are for discharging. Backloading is based on *empty* retrograde containers.

[4] Stated tonnages are based on unit TOE capabilities and assuming that sufficient lighterage will be available to accommodate that capability.

[5] Planning figures are based on single engine, single track capability. Troop figure considers movement of personnel in day coaches as opposed to sleeper/day coach combination and can vary depending upon special individual equipment required for a specific TO.

4–4. Army Aircraft

a. General. Fixed-wing and rotary-wing Army aircraft are employed to move cargo, personnel, and equipment; however, the use of fixed-wing aircraft is minimal. Many variables, such as load/fuel, altitude, temperature, humidity, existing weather, airfield characteristics, and individual aircraft characteristics, affect performance.

b. Rotary-Wing Aircraft.

(1) *General.* Compared with fixed-wing aircraft, Army rotary-wing aircraft (helicopter) are limited in speed and range. However, their capability to land and take off vertically permits the delivery and evacuation of personnel and materiel to and from areas of operation inaccessible to fixed-wing aircraft. Likewise, their capability for flight at relatively slow speeds permits continued operations under weather conditions of low ceiling and restricted visibility. Their capability to haul external loads also is advantageous under most conditions.

(2) *Planning factors (rotary-wing).*

(a) Availability. The number of helicopters available for a mission at any one time depends on the readiness of the aviation units and detachments under headquarters control. Helicopter availability is affected by combat losses, damage, scheduled or unscheduled maintenance and maintenance inspections, and repair parts supply. Reference to AR 95–33, *Army Aircraft Inventory, Status, and Flying Time*, will provide approximate availability percentages for Army aircraft. Close coordination between the units' flight operations officer and unit aircraft maintenance officer is essential for maintaining maximum availability.

(b) Cargo. The dimensions of cargo are restricted only by the size of the aircraft's cargo compartment doors and/or the system used to carry the cargo externally, assuming, of course, that the weight of the package or packages does not exceed the weight limitations for the aircraft. Types of cargo for internal loading are boxes of rations, ammunition, signal equipment, vehicle and aircraft parts, and supplies. Loads too large to fit into the cargo compartment, but under the maximum weight permissible for external loads, may be carried slung under the helicopter. Dimensions and cargo capacities of Army fixed and rotor-wing aircraft are located in FM 55–15, *Transportation Reference Data*. When planning movement of cargo in Army aircraft, it is imperative that the necessary tiedown and restraining devices be available.

(c) Landing facilities. Provisions must be made for adequate landing sites in planning helicopter movements. FM 57–38, *Pathfinder Operations*, with changes, provides detailed information regarding helicopter landing zones. Minimum requirements for landing sites are given below. However, larger areas with cleared approaches are highly desirable to improve safety margins of operations.

OH–6, OH–58A	18 meters by 18 meters
UH–1, UTTAS	28 meters by 28 meters
CH–47, CH–53, CH–54, HH–3	56 meters by 64 meters

(d) Maintenance. Under normal climatic conditions, extensive facilities are not required for performance of organizational maintenance. The minimum facility requirement is a sheltered area that provides adequate cover from seasonal weather at primary landing sites for organizational maintenance. Field maintenance units are equipped for field operations under normal climatic conditions, therefore additional planning is not required. Special considerations for equipment and facilities are required under extreme environmental conditions for all levels of maintenance.

(e) Hours of operation. The average number of hours of operation per day for extended periods should not exceed daily equivalents of the annual flying hours' program contained in FM 101–20, *US Army Aviation Planning Manual*, for the type helicopter employed.

(f) Loading and unloading time. The factors given below are for planning purposes. The aircraft presumably has been properly prepared for the personnel or cargo it is to transport. The times do not include palletizing general cargo for internal loading or for rigging slings on cargo for external transport.

Personnel:
- Troops ..... 3 minutes
- Patients ..... 10 minutes

Cargo internal in fuselage:
- Single vehicles ..... 5 minutes
- Vehicles with trailers ..... 15 minutes
- Palletized cargo by hand ..... 20 minutes

Cargo suspended beneath helicopter:
- Hookup time only ..... 30 seconds

4–5. Determination of Transport Helicopter Requirements

a. Most helicopter operations will be of the short-haul type and may require that more than one operation mission (sortie) be flown in support of the total movement. To assess capability to move personnel and supplies by Army aircraft, refer to FM 55–15, *Transportation Reference Data.*

b. To determine the number of helicopters or units required to accomplish a given mission or the capabilities of helicopters on a specific mission, the staff planner should use the following formulas:

$N = \frac{HS}{D}$, when determining number of trips per day

N = number of round trips per day per type aircraft.

H = number of operational hours per day.

S = average sortie speed of aircraft in knots. For planning, use cruising speed unless some other speed is specified.

D = round trip distance in nautical miles. This distance must be the actual distance flown rather than the airline distance from origin to destination. When estimating distance, consideration should be given to terrain, weather, enemy situation, and aids to navigation.

$O = \frac{T}{N \times P}$, when determining number of aircraft required.

O = number of operational aircraft required or available daily.

T = tonnage to be moved or tonnage that can be moved.

P = payload of type of aircraft used.

c. This method of determining helicopter requirements is particularly applicable to movement of supplies or troops when combat loading is not a consideration. The planner should use a planning worksheet to determine aircraft requirements for air-landed assault operations. He should use the planning worksheet to develop loads that provide for tactical integrity of the combat units and combat loading of each aircraft. The planner can use the method of determining aircraft requirements described herein to *estimate* requirements for assault operations by adding 10 percent to the unit personnel and equipment tonnage to allow for combat loading.

4–6. Air Force Aircraft

a. The narrative and tables for this section are unclassified extracts from AFR 76–2, *Airlift Planning Factors*, 11 April 1975, as amended.

b. Army planners on higher level staffs must be capable of making gross estimates of airlift requirements for long-range and contingency planning. Army planners at division level and below must be capable of estimating aircraft requirements to a finer degree of accuracy. The method described in paragraph 4–6g is suggested for making gross estimates, and type load planning is recommended for estimates and plans produced at division level and below. The planner should be aware that the allowable cabin load (ACL) of an aircraft will vary, because of the volume, size, type cargo, the distance to be flown, and runway limitations at origin, en route or destination. How the equipment of different types of divisions affects the ACL is shown in tables 4–2 and 4–3.

Table 4–2. C–141A Average Payload in Tons of Cargo and Numbers of Troops for Deployment of Various Types of Army Units

LOAD PLANNING FACTORS (ACL)[1]						
	Atlantic critical leg[2] #2		*Pacific critical leg #1*		*1,500 NM no wind*	
Type of division	*Cargo (STON)*	*Troops[3, 4] 225#/300#*	*Cargo (STON)*	*Troops[3] 225#/300#*	*Cargo (STON)*	*Troops[3, 4] 225#/300#*
Armored	22.0	8/6	20.8	8/6	22.0	8/6
Mechanized	22.0	8/6	20.8	8/6	22.0	8/6
Infantry	18.0	9/7	17.8	8/6	18.1	8/6
Airborne	13.9	9/7	13.9	9/7	13.8	9/7
Airassault	12.9	9/7	12.9	9/7	12.9	9/7

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[1] ACL—The load, either of cargo or passengers, which an aircraft is considered capable of airlifting safely over a given route under prescribed conditions. Expressed in terms of weight.

[2] Critical leg—The least efficient segment of a route. It determines the maximum payload for an entire route because effective military operations presuppose the movement of a fixed load over all segments of a route.

[3] The numbers of troops shown are additive to the cargo payload and are the average number of troops that can be added after the maximum amount of cargo is loaded.

[4] The individual troop weight. FM 55–12, *Movement of Army Units in Air Force Aircraft,* prescribes weights as 240 and 300 rather than the 225 and 300 pounds shown here.

240 includes web gear, individual weapon and ammo, handbag, and organizational equipment carried by individual.

300 allows for 60 pound duffel bag

Table 4–3. C–5A Average Payloads in Tons of Cargo and Numbers of Troops for Deployment of Various Types of Army Units

LOAD PLANNING FACTORS[1]						
	Atlantic critical leg #2		*Pacific critical leg #1*		*1,500 NM no wind*	
Type of division	*Cargo (STON)*	*Troops 225#/300#*	*Cargo (STON)*	*Troops 225#/300#*	*Cargo (STON)*	*Troops 225#/300#*
Armored	88.0	40/30	68.5	29/22	102.7	44/33
Mechanized	87.8	41/31	68.5	40/30	101 5	54/41
Infantry	77.7	60/45	68.5	46/33	80.4	56/42
Airborne	54.6	71/62	54.6	71/58	55.0	71/64
Airassault	30.1	71/71	30.1	71/71	30.0	71/71

[1] The above payloads were developed in a loading simulation. The payloads are based on wartime load factors and are the average payloads for the C–5A that would result from airlifting Army divisions with a force of 70 C–5A's and 234 C–141's. The number of troops shown are in addition to the cargo payload and are the number of troops that can be added after the maximum amount of cargo is loaded.

c. The variance of ACL's is caused by the density of the equipment. For example, an M–60 tank weighing 53 tons will take approximately the space in a C–5A as one UH–1H helicopter weighing 2.5 tons.

d. Air movement of a large body of troops normally involves departures from several airfields and, in air-landed operations, concurrent landing at several terminal airfields, air-landing facilities, or landing zones in the objective area. Availability of transport aircraft, air installations, and base facilities; urgency of the situation; and enemy capabilities are major factors in determining the number of installations employed and number of sorties to be flown. FM 100–5, *Operations of Armed Forces in the Field,* and FM 101–5, *Staff Officers Field Manual; Staff Organization and Procedure* provide general considerations and procedures governing employment of air transportation. FM 55–12, *Movement of Army Units in Air Force Aircraft;* FM 55–13, *Standard Loads in Air Force C–5 Aircraft;* AFR 76–2, *Airlift Planning Factors,* as amended; TM 55–450–15, *Air Movement of Troops and Equipment (nontactical);* TM 55–450–10/1, *Standard Loads in Air Force C–130 Aircraft;* and TM 55–450–10/2, *Standard Loads in Air Force C–141 Aircraft,* contain specific data regarding load planning, determination of aircraft requirement, and forms applicable to air movement.

e. Table 4—4 below contains the ACL's that can be carried regardless of cargo density or method of computation. It is based on an operating weight of 140,309 lbs for the C—141 and 343,565 lbs for the C—5A. If planning 463L pallet loads, subtract 1.8 tons for C—141 and 6.4 tons for C—5A from the appropriate line in the ACL column. *These figures are primarily for information and should not be used in planning except in exceptional cases when cargo density is known to be high and physical characteristics of the cargo would permit utilization of available cabin space.*

Table 4–4. ACL Limit for C–141 and C–5A Aircraft.

C–141 ACL Limit (tons) (Normally not used in planning)		*C–5A ACL Limit (tons) (Normally not used in planning)*			
Wartime and peacetime	*Tons*	*Wartime*	*Tons*	*Peacetime*	*Tons*
Atlantic Critical Leg		Atlantic Critical Leg		Atlantic Critical Leg	
#1	32.0	#1	77.8	#1	60.9
#2	33.8	#2	92.5	#2	71.6
		#3	88.7	#3	70.0
Pacific Critical Leg		Pacific Critical Leg		Pacific Critical Leg	
#1	30.9	#1	76.8	#1	59.5
#2	33.8	#2	82.5	#2	66.6
		#3	107.7	#3	72.2
3,000 NM (no wind)	33.8	3,000 NM (no wind)	95.0	3,000 NM (no wind)	70.5
1,500 NM (no wind)	33.8	1,500 NM (no wind)	107 7	1,500 NM (no wind)	72.2

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Critical Legs: C—5A

Atlantic
#1 is Charleston—Torrejon.
Alternate is Rota, 306 NM.
#2 is Dover—Frankfurt Main.
Alternate is Ramstein, 56 NM.
#3 is Dover—Torrejon.
Alternate is Rota, 306 NM.

Pacific
#1 is Elmendorf—Yokota.
Alternate is Chitose, 312 NM.
#2 is Hickam—Guam.
No alternate, 1 hr + 15 min holding fuel.
#3 is Travis—Hickam.
No alternate, 1 hr + 15 min holding fuel.

Critical Legs: C—141

Atlantic
#1 is Charleston—Torrejon.
Alternate is Rota, 306 NM.
#2 is Dover—Frankfurt Main.
Alternate is Ramstein, 56 NM.

Pacific
#1 is Elmendorf—Yokota.
Alternate is Misawa, 312 NM.
#2 is Hickam—Guam.
Alternate is 1 hr + 15 min holding fuel.

f. General load planning factor for the C—141 and C—5A for palletized or floor loads are shown on tables 4—5 and 4—6.

(1) In using table 4—5 it is necessary to be aware of the following:

(a) The average usable ACL based on a 463L configuration of 10 pallets loaded to an average of 2.1 tons per pallet, except when restricted by critical leg fuel requirements.

(b) The bulk floor loaded cargo weights shown are 75 percent of the maximum cargo weight allowable as limited by aircraft structural limitations or critical leg fuel requirements. Air Force-wide experience indicates that due to variable cargo densities, stacking losses, restraint considerations, etc., the average payload usually equates to approximately 75 percent of the weight ACL.

(c) Maximum seats available for troops. See MAC Manual 55—4, *C—141 Configuration/Mission Planning Manual* (obtain from MAC/DAPE, Scott AFB IL 62225), for other aircraft configurations for troop seating capacity (140 maximum allowed on board over water, including crew).

Table 4–5. C–141A General Airlift Planning Factors

LOAD PLANNING FACTORS			
	Cargo tons		*Troops*
	Average palletized payload	*Average floor-loaded payload*	*225#/300#*
Wartime			
Atlantic Critical Leg #1 3,710 NM W/F[1] + 33	21.0	22.2	128
Atlantic Critical Leg #2 3,535 NM W/F + 39	21.0	24.1	128
Pacific Critical Leg #1 3,267 NM W/F – 35	21.0	20.6	128
Pacific Critical Leg #2 3,363 NM W/F – 7	21.0	23.6	128
3,000 NM (no wind)	21.0	24 1	128
1,500 NM (no wind)	21.0	24.1	128
Peacetime			
Atlantic Critical Leg #1 3,710 NM W/F + 33	21.0	22.2	100
Atlantic Critical Leg #2 3,535 NM W/F + 39	21.0	24.1	100
Pacific Critical Leg #1 3,267 NM W/F – 35	21.0	20.6	100
Pacific Critical Leg #2 3,363 NM W/F – 7	21.0	23.6	100
3,000 NM (no wind)	21.0	24.1	100
1,500 NM (no wind)	21.0	24.1	100

[1]W/F--Weather factor–based on average annual winds and International Civil Aviation Organization (ICAO) standard day conditions. When these conditions do not exist, the aircraft capability will be increased or decreased, therefore, the data presented are for broad planning purposes only.

(2) In using table 4—6, it is necessary for the planner to be aware of the following:

(a) Maximum seats available for troops. Troop accommodations (seats, etc.) are installed for carrying troops on the upper deck. When troops are carried on the upper deck, the ACL for cargo may have to be adjusted. The total weight of the cargo, troops, and their baggage cannot exceed the ACL figure for the particular leg. Provisions for emergency ground egress from the lower deck are limited; therefore, in accordance with the USAF C—5A mission statement, the C—5A normally will not be planned for a pure troop role. Under unusual circumstances, up to 270 troops may be carried in the main cargo compartment, subject to approval of Commander, MAC, and Chief of Staff, US Air Force (CSAF). (This is in addition to the 73 troops that can normally be carried on the upper deck.)

(b) The 463L (palletized) configuration is 356,309 lbs.

(c) The floor-loaded (bulk) configuration is 343,565 lbs.

(d) The average usable configuration (463L) of 36 pallets loaded to an average of 2.1 tons per pallet except when restricted by the critical leg fuel requirement.

(e) The weight of accompanying

Table 4–6. C–5A General Airlift Planning Factors

LOAD PLANNING FACTORS			
Distance (nautical miles)	*Average palletized payload in tons*	*Cargo tons average floor-loaded payload*	*Troops 225#/300#*
Wartime			
Atlantic Critical Leg #1 3,710 NM W/F + 33	71.4	58.4	73
Atlantic Critical Leg #2 3,531 NM W/F + 39	75.6	69.3	73
Atlantic Critical Leg #3 3,228 NM W/F + 38	75.6	66.5	73
Pacific Critical Leg #1 3,129 NW W/F – 35	70.4	57.6	73
Pacific Critical Leg #2 3,859 NM W/F – 7	75.6	61.9	73
Pacific Critical Leg #3 2,137 NM W/F – 26	75.6	80.8	73
3,000 NM, no wind	75.6	71.2	73
1,500 NM, no wind	75.6	80.2	73
Peacetime			
Atlantic Critical Leg #1 3,710 NM W/F + 33	54.5	45.7	73
Atlantic Critical Leg #2 3,531 NM W/F + 39	65.2	53.7	73
Atlantic Critical Leg #3 3,228 NM W/F + 38	61.6	52.2	73
Pacific Critical Leg #1 3,129 NM W/F – 35	53.1	44 6	73
Pacific Critical Leg #2 3,859 NM W/F – 7	60 2	49.9	73
Pacific Critical Leg #3 2,137 NM W/F – 26	65 8	54.2	73
3,000 NM, no wind	64.1	52.8	73
1,500 NM, no wind	65.8	54.2	73

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troops may be added to the average palletized or floor-loaded payloads provided the total payload does not exceed the ACL for the critical leg considered.

(f) The bulk floor cargo weights shown are 75 percent of the maximum cargo weights allowable because of the structural limitations of aircraft or critical leg fuel requirements. Air Force-wide experience indicates that 75 percent is the actual payload due to variable cargo densities, stacking losses, etc.

(g) Block time is the time elapsed from release of aircraft brakes on initial taxi to the time the aircraft is parked upon arrival. Table 4—7 block-in speeds for various distances of C—141 and C—5 aircraft follows.

g. In determining airlift requirements the following is considered:

(1) *Allowable cargo load (ACL).* The initial limiting factor in determining airlift requirements is the ACL. This is a weight limiting factor expressed in terms of STON which cannot be exceeded in planning aircraft loads. The ACL is established by the Air Force for each type aircraft for a specific mission. It is determined based on locations of departure and arrival airfields, en route support facilities, weather, and other mission-oriented information. For purposes of gross planning, the MAC provides a "planning" ACL. See tables 4—2 and 4—3. While valid for use in planning, we can expect some changes in a specific ACL during execution of a given operation order since the assumptions upon which it was based may differ from those conditions existing at that time.

(2) *Weight method.* Once the Army planner knows the aircraft ACL and the unit's weight and strength, he can determine gross airlift requirements using the weight method. This amounts to nothing more than dividing the total weight of personnel, equipment, and vehicles by the ACL in order to determine the number of aircraft needed to lift the unit. There are obvious inaccuracies in using the weight method. It ignores three constraints on aircraft load capacity—the bulk (dimensions) of individual unit equipment to be loaded, the cargo compartment dimensions, and the structural characteristics of the aircraft.

(3) *Modified weight method.* There are certain refinements that can be made which render the weight method a more reliable

Table 4–7. Takeoff to Block-in Speed Versus Distance

a. C–141A

.74 MACH[1]			
Distance (NM)	*Block speed (knots)*	*Distance (NM)*	*Block speed (knots)*
500	309	2,250	393
600	326	2,500	397
700	338	2,750	400
800	348	3,000	403
900	355	3,250	405
1,000	361	3,500	407
1,100	365	3,750	408
1,200	368	4,000	409
1,300	372	4,250	409 5
1,400	375	4,500	410
1,500	377	4,750	410
1,750	384	5,000	410.5
2,000	389		
.767 MACH			
500	330	2,250	409
600	345	2,500	413
700	356	2,750	416
800	365	3,000	418
900	372	3,250	420
1,000	376	3,500	421.5
1,100	380	3,750	422
1,200	384	4,000	423
1,300	387	4,250	423.5
1,400	390	4,500	424
1,500	393	4,750	424
1,750	400	5,000	424.4
2,000	404		

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b. C–5A

.77 MACH[1]			
Distance (NM)	*Block speed (knots)*	*Distance (NM)*	*Block speed (knots)*
500	327	2,750	422
600	343	3,000	424
700	355	3,250	426
800	364	3,500	428
900	372	3,750	429
1,000	379	4,000	430
1,100	384	4,250	431
1,200	389	4,500	432
1,300	393	4,750	433
1,400	397	5,000	434
1,500	400	5,250	434.5
1,750	406	5,500	435
2,000	412	5,750	435.5
2,250	415	6,000	436
2,500	419		

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[1] MACH–The speed of a relatively moving body or a part thereof, as measured by the speed of sound in the medium in which it moves, indicated by a number, as in MACH .5 (a speed equal to one half the speed of sound). The speed of sound in dry air at 32° F, sea level, is about 1,087 feet a second (741 MPH).

estimator of airlift requirements. First, we can initially exclude personnel from weight computations basing personnel deployment plans on the number of spaces available on cargo missions. Secondly, the Air Force has accumulated considerable planning data based on repeated deployment of various Army forces. Certainly, it is apparent that the same ACL used for an armored division and airborne division would present a very distorted view of airlift requirements. The armored division, because of its high-weight, high-density equipment, would

more closely approximate the actual ACL. A lighter organization would tend to cube-out before approaching the ACL. Thus, experience in deploying Army forces permits the AF to establish ACL planning factors (ACL-PF) for each type unit to be moved. Using these ACL-PF (tables 4–2 and 4–3), we can more closely approximate actual airlift requirements, although it is still less accurate than the type load method. Once we know the total passengers, bulk cargo (STON) to be moved, the outsize cargo (STON) (transportable in C–5 only), and the number of passengers who can accompany cargo, we can use the following procedure to determine airlift requirements.

Modified weight method estimate formula

$$\frac{\text{Outsize cargo (STON)}}{\text{C–5 ACL (PF)}} = \text{C–5 sorties}$$

$$\frac{\text{Bulk cargo (STON)}}{\text{C–141 ACL (PF)}} = \text{C–141 sorties}$$

(C–5 sorties X acmp pax) + (C–141 sorties X acmp pax) = Total accomp pax

(4) These computations incorporate the fundamental approach to gross airlift estimates. Initially plan to use C–5 aircraft to move only the cargo which cannot move by other air means. Initially move all other cargo in C–141. Subsequent adjustments can be made.

Example Computation

Passengers	— 14,128
Bulk cargo	— 11,384 STON
Outsize cargo	— 1,585 STON
C–141 ACL (PF)	— 16.4 STON
C–5 ACL (PF)	— 61.0 STON

Step 1 — $\frac{11,384}{16.4}$ = 695 Sorties— C–141

Step 2 — $\frac{1,585}{61}$ = 26 Sorties — C–5

Step 3 — 695 X 14 = 9,730 — accompanying passengers C–141

26 X 73 = 1,898 — accompanying passengers C–5

Total 11,628 — accompany passengers

4–7. Motor Transport Operations

a. Motor transport operations in support of forces in a theater of operations (TO) are local or line haul movements.

(1) Local hauls are characterized by low running time in relation to loading and unloading time. These hauls normally involve a number of trips per day and are evaluated on the basis of tons moved during the operational period.

(2) Line hauls are characterized by high running time in relation to loading and unloading. These hauls normally involve one trip per operating shift or two trips per day.

b. For planning purposes, operating on a 24-hour basis, a medium truck company (TOE 55–18H) with 75 percent vehicle availability, at level 1, has the following capability when—

(1) Equipped with 40-foot combination container/cargo semitrailer, and with container loads compatible to the semitrailers, transport:

(a) In local haul operations, making 4 round trips per day (2 per operating shift) 180 40-foot containers, or 360 20-foot containers, or 4,500 STONS of cargo (25 STONS per semitrailers), or a combination thereof.

(b) In line haul operations, making 2 round trips per day (1 per operating shift), transport 90 40-foot containers, or 150 20-foot containers, or 2,250 STONS of cargo (25 STONS per semitrailer), or a combination thereof.

(2) Equipped with 20-foot combination container/cargo semitrailers, transport:

(a) In local haul operations, making 4 round trips per day (2 per operating shift) 180 20-foot containers, or 2,700 STONS of cargo (15 STONS per semitrailer), or a combination thereof.

(b) In line haul operations, making 2 round trips per day (one per operating shift), 90 20-foot containers, or 1,350 STONS of cargo (15 STONS per semitrailer), or a combination thereof.

(3) Equipped with 12-ton, 2-wheel, cargo semitrailers transport:

(a) In local haul operations, making 4 round trips per day (2 per operating shift), 2,160 STONS of cargo (12 STONS per semitrailer), or in an emergency, 9,000 passengers (50 per semitrailer).

(b) In line haul operations, making 2 round trips per day (1 per operating shift), 1,080 STONS of cargo (12 STONS per semitrailer) or, in an emergency, 4,500 passengers (50 per semitrailer).

c. See FM 55–30, *Army Motor Transport Operations*, for details on motor transport service in TO's.

4–8. Planning Factors (See paragraph 7–9)

4–9. Computing Truck Unit Requirements

The following formulas may be used for motor transport planning:

(1) *One-lift hauls.* To determine the number of truck companies required to move a given number of tons in one lift, use the following formula:

$$\frac{\text{Tons to be lifted}}{\text{tons per vehicle} \times \text{vehicles available per company}} = \text{truck companies required}$$

(2) *Sustained haul in one continuous operation.* In most operations, supplies flow continuously forward from supply points, depots, beaches, or terminals. In such cases, tonnages move forward only, and trucks return for another load. The average turnaround time required by the truck units to complete the round trip must be considered. Turnaround time is computed by dividing the round trip distance by the rate of movement and adding delays. Thus,

$$\text{turnaround time} = 2 \times \frac{\text{distance}}{\text{rate}} + \text{delays}$$

The applicable formula for sustained operations becomes—

$$\frac{\text{Daily tonnage forward} \times \text{turnaround time}}{\text{Tons per vehicle} \times \text{vehicles available per company} \times \text{operating time per day}} = \text{truck companies required}$$

4–10. Highway Tonnage Capacities

a. In selecting routes over which cargo is to be hauled, the planner must consider the classifications of the roads and bridges, and the horizontal and vertical clearance of the most restrictive point along the routes selected to sustain operations. The classification of the heaviest loaded vehicle should not exceed the rated classification of the weakest bridge. Reference is made to FM 5—36, *Route Reconnaissance and Classification.*

b. Tables in FM 55—15, *Transportation Reference Data,* may be used as a guide for estimating the supply support tonnage capacities of highways under varied conditions, assuming that operations are sustained, adequate road maintenance is provided, and each road bears two-way traffic. These tables define the various conditions of roadway, terrain, and weather and provide a guide for estimating incremental availability in highway tonnage capacities associated with deviations from standard conditions. Vehicle statistics as well as unit capabilities are also provided.

c. Planned tonnage movement should not exceed the capacity of any portion of the road net to be used, unless reconstruction or heavy maintenance is provided to increase the capacity of the section of highway or bridge to meet the demands.

4–11. General

a. Chapter 6 contains railway construction data.

b. Estimates of railway capacity, operating personnel, equipment, and supply requirements for a specific railway line should reflect consideration of the basic characteristics of the line, the nature of the country in which the operation is planned, and the purpose for which the planning is being done. Planning data is available in FM 55—20, *Army Rail Transport Operations and Units.*

4–12. Evaluation and Planning

Paragraphs 4—12 through 4—20 are designed primarily for wartime estimates of railway operations in a TO. Analytical refinements and elaborate train density studies are difficult to justify and have been avoided because of the lack of basic information and the relative uncertainty inherent in military operations. The planner also should remember that in the early stages of a war indigenous equipment may be used to a great extent which again may vary the expected tonnage capacity. A more detailed estimate may be made using those methods and factors contained in FM 55—20, *Army Rail Transport Operations and Units.*

4–13. Train Density

Train density is the number of trains per day that can be operated in each direction over a railway line. Work trains are not included in train density. Train densities vary, depending on the condition of track; location, length, and type of passing siding; adequacy of terminal facilities; and availability of motive power and rolling stock. The densities recommended below are averages based on experience under TO conditions. After air superiority has been attained and the intensity of combat has been reduced, depending on judgment of operating conditions, densities achieved may be expected to exceed, by 20 percent, those presented below.

Single-track lines[4] . . . . . 10 trains per day in each direction.

Double-track lines . . . . . 30 trains per day in each direction.

Multiple-track lines . . . . . The extra tracks will be used to rehabilitate and maintain two tracks in operation under most TO conditions.

[4]Allows time for locomotive servicing, running repairs, and time lost between enginehouses and yards.

4–14. Net Trainload

The net trainload, or payload, carried by trains on different divisions of the same line may vary greatly, depending on the conditions of operations. Experience indicates that, under normal TO conditions over standard-gage railways, a single-engine net trainload of 500 STON may be used as an average for planning purposes; on narrow-gage railways, a single-engine net trainload of 375 STON may be used. Regional experience of railroads in developed and underdeveloped countries is contained in *Jane's World Railways*, current edition, McGraw-Hill.

4–15. Net Railway Division Tonnage

a. Net railway division tonnage is the net tonnage (STON) or payload that can be moved over a railway division (90 to 150 miles) each day. *Formula:* Train density × average net trainload = net railway division tonnage.

b. Troop or other special trains will replace an equal number of tonnage trains; and, when operation of such trains is anticipated, the factor for train density must be so adjusted, with the resulting decrease in net railway division tonnage.

4–16. Equipment Estimation

Planning data included herein are based on use of standard US Transportation Corps equipment. Allowances for use of indigenous or captured equipment should be based on judgment after evaluation of the many factors involved such as availability of equipment, extent of expected destruction, condition of equipment, types and availability of fuel locally, availability of repair parts, and types of coupling devices. Planning data are available in FM 55—15, *Transportation Reference Data*, TM 55—206, *Railway Train Operations*, logistics surveys, special transportation studies based on intelligence reports, reports of government of railroads in peacetime, and from articles appearing in such publications as *Railway Gazette* (British) and *Railway Age* (US).

a. Road Locomotives. The following data

are recommended for general planning. (Computation of requirements should be made for each railway division separately.)

(1) Average rate of travel from division terminal to division terminal—15 kilometers per hour.

(2) Time in each division terminal for steam locomotives—8 hours.[5]

(3) Time in each division terminal diesel-electric locomotives—3 hours.

(4) Reserve engines, to allow for unforeseen circumstances, such as operational peaks, heavy repairs, or destruction—20 percent.

Formula:

$$TD \times \frac{RT + TT}{24} \times 2 \times 1.2 = \text{Number of Road Locomotives required}$$

TD = Train density.

RT = Running time (length of railway division divided by average speed).

TT = Terminal time at one end of the railway division.

24 = Number of hours per day.

2 = Constant for two-way traffic.

1.2 = Constant allowing 20 percent reserves.

b. Switch Engines.

(1) Switch-engine requirements at water and inland terminals and division terminals depend on the physical track layout and the number of cars to be handled at such points. The following may be used as a general guide only:

(a) For water and inland terminals, one per 67 cars dispatched or received per day.

(b) For division terminals, one per 100 cars passing per day.

(2) Requirements, as computed above, should be increased by 20 percent to allow for unforeseen circumstances, repairs, etc.

c. Rolling Stock.[6]

(1) *Freight.*

(a) Requirements are computed separately for operations between major supply installations or areas on each LOC as follows:

$$\frac{\text{Daily tonnage}}{\text{average tons per car}} \times \text{turnaround time} = \text{number of cars}$$

Turnaround time is the total estimated number of days required for a car from the time it is placed for loading at its point of origin, moved to its destination, unloaded, and returned to its point of origin. Such time may be computed as follows: allow 2 days at origin, 1 day at destination, and 2 days transit time for each railway division (or major portion thereof) that the cars must traverse. This method, rather than an actual hour basis, is used to incorporate delays due to terminal and way-station switching and in-transit rehandling of trains.

(b) Computations should be increased by 10 percent to meet operational peaks, commitments for certain classes of cars, and bad order cars.

(c) An average planning factor for net load per car may be assumed as follows:

Standard gage to broad gage

US equipment ..... 20 tons
Foreign equipment ..... 10 tons

Narrow gage

US equipment ..... 15 tons
Foreign equipment ..... 7 1/2 tons

(d) Tank car requirements are computed separately, based on the bulk POL requirement and the computed turnaround time.

(2) *Passenger.*

(a) Passenger car requirements vary, depending on troop movement policies and rest and recuperation policies.

[5] Allows time for locomotive servicing, running repairs, and time lost between enginehouses and yards.

[6] Characteristics of US rolling stock is discussed in FM 55–15, *Transportation Reference Data.*

(b) Theater passenger car requirements normally are fulfilled by acquisition of local equipment, with the exception of ambulance trains.

(c) A type of passenger train for long-distance moves consists of 7 day coaches, 14 sleeper cars, 1 kitchen or 2 diner cars, and 1 baggage car. Mixed trains, which carry both personnel and freight (vehicles, artillery, and equipment), are authorized only for reasons of military necessity. They are, at times, desirable from a tactical and organizational standpoint. Such moves are not economical when passenger equipment is in short supply because mixed trains move at freight speed and equipment is not used fully.

4–17. Maintenance Support Organizations

a. The diesel-electric locomotive repair company (TOE 55–247) performs general support maintenance on diesel-electric locomotives and locomotive cranes. Capabilities include general support (heavy) maintenance on 25 diesel-locomotive and/or locomotive cranes per month.

b. The Transportation railway car repair company, general support (TOE 55–248), performs general support (heavy) maintenance on railway cars. General support capabilities include maintenance of 600 railway cars per month. This unit also has a supply mission. It receives, stores, and issues 8,000 line items of railway supplies and repair parts per month in support of from 4 to 6 transportation railway battalions.

c. For a more detailed discussion of maintenance responsibilities, functions, and capabilities, refer to FM 55–15, *Transportation Reference Data.*

4–18. Outsized Equipment

Outsized equipment is that which, because of extreme dimensions (height, width, length) or extreme weight, or combinations thereof, requires special handling under restricted speeds and/or on special cars. The planner should recognize that more of this type of equipment is being designed, and he should attempt to build a train of these outsized loads for a single movement rather than to place a few in each train moving on the LOC. Such movements require special meeting points on adjacent lines of a double track and retards returning traffic and trains following in the same direction.

4–19. Kitchen, Diner, and Baggage Cars

In assembling a passenger train, kitchen, diner, and baggage cars are assigned on the basis of one per 250 men or fraction thereof.

4–20. Loading of Equipment and Supplies

a. The amount of headquarters, kitchen, and maintenance equipment varies somewhat in all units. For planning, allow 20 STON per company or equivalent unit.

b. For company or larger unit movements, containers—military-owned demountable containers (MILVAN), commercially furnished containers, and express containers (CONEX)—should be used where practicable for consolidation and security of organizational equipment and baggage. Type, size, and recommended employment of containers by rail, are discussed in FM 55–20, *Army Rail Transport Operations,* and FM 55–70, *Army Transportation Container Operations.*

c. The stenciled capacity of a car does not mean that the car always can be loaded to its authorized load limit. For many types of cargo, the cubic capacity of the car is reached before the load limit. Such low-density items include class I supplies, clothing and blankets, tentage, and motor vehicle parts.

d. In loading high-density items, the load limit of the car will be reached before the cubic capacity is met. Examples of high-density items are ammunition, barbed wire, corrugated iron, cement, rifles in chests, telephone wire, and engineer tools.

4–21. Flatcar Requirements

a. Flatcar requirements are based on maximum utilization of each car. Refer to tables in FM 55–15, *Transportation Reference Data* to determine type and size of cars available for US or foreign rail services. Additional data for developed and underdeveloped countries may be found by referring to the most current edition of *Jane's World Railways,* published by McGraw-Hill.

b. Maintenance of unit integrity requires 10-percent additional flatcars over those required for separate loading. Freight trains moving heavy equipment, such as tanks, artillery, ve-

hicles, and engineer equipment, seldom exceed 65 cars or 1,200 tons.

4–22. Division Rail Moves

The specific types of equipment to be used and the detailed makeup of each train must be worked out between the unit transportation officer and the installation transportation officer (Continental United States (CONUS) movements) or the transportation officer in the area in which the movement originates (TO movements).

4–23. Movement of Troop Units on Foreign Railways

a. The capacities of railroads and railway equipment fluctuate widely throughout the nations of the world. Experience in Europe during World War II indicates that under the pressure of all-out war few, if any, places exist in the world where complete troop units can be moved by rail at the same time that the rail net is supplying a major force. A compromise policy was developed in which tracked vehicles and foot troops were moved by rail when facilities were available and wheeled vehicles, with their normal towed loads, proceeded on highways.

b. Assumed capacities of foreign rail facilities are indicated in (1) through (3) below.[7]

(1) *Freight cars.*

Well flats (depressed center)[8]	50 tons
Medium flatcars	25 tons
Small flatcars	12 tons
Boxcars	10 tons or 25 troops

(2) *Passenger.*

Coaches[9]	40 troops
Sleeping cars	32 troops

(3) *Trains.*

Maximum length	40 cars
Maximum net load	400 tons
Maximum troops	1,000 (using boxcars)

[7]Characteristics of foreign rolling stock is discussed in FM 55–15, *Transportation Reference Data.*

[8]Used to transport heavy items, having great height, in general freight service (foreign and domestic).

4–24. Troop Movement Planning

a. Rail Movement Table. All units will maintain tables for movement by *all means* of transportation. A sample rail movement table is provided in table 4–8. The format can be adapted for use by any type of unit. The division transportation section and lower units maintain the rail movement table in compliance with AR 220–10, *Preparation for Oversea Movement of Units (POM).* The table is revised to reflect actual strength and equipment on hand on receipt of movement orders. Organizational equipment and checkable baggage must be listed separately.

b. Other Types of Tables. When the rail movement has been ordered and the approximate types of equipment have been requested, each unit prepares the following:

(1) Train consist table (table 4–9).

(2) Entraining table (table 4–10).

c. Alert Time (CONUS). An alert is not an order, and rail carriers do not move equipment into position for loading on an alert. It may require up to 96 hours after request for routing has been placed with the Military Traffic Management Command (MTMC) to begin loading a division, assuming that no equipment is available at the installation.

d. Loading Time (CONUS). Passenger trains require 1 hour for loading. Baggage cars for personal baggage and baggage cars for kitchen purposes are spotted in advance. The time required to load troop units with all vehicles and equipment on freight trains varies with the training status of the unit and the conditions at the loading point. Six hours is used for planning purposes.

[9]In the forward areas, passenger equipment seldom is used for unit moves. The limited available equipment may be used for movement of casuals, convalescents, and redeployment groups or for leave trains.

Table 4–8. Sample Rail Movement Table

1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
			Strength		Organizational equipment		Checkable baggage		Vehicles and equipment per unit								Railway car requirements per unit									
									Standard vehicles						Special equipment		Passenger			Freight						
									Trailers			Trucks					Coach	Pullman		Boxcar			Flatcar			
1	TOE	Unit	Off and WO	EM	Pieces	Weight	Pieces	Weight	Trailer, amph cargo, ¼-ton 4-ft wide 9-ft long	Etc.	Etc	Truck, utility ¼-ton, 4 X 4 5-ft wide 11.5-ft long	Etc.	Etc.	Items	Shipping length (ft)	48 men	Std number of sec (2 sec)	Tour number sec (3 sec)	Kitchen baggage	Organizational equipment	Checkable baggage	40-ft	42-ft	46-ft	50-ft
2																										
3																										
4																										
5																										
6																										
7																										
8																										
9																										
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26																										

NOTES 1. This table can be adapted to any type of unit, the number of lines and columns will vary with the type of unit.
2. The division transportation section should keep current a tentative table, in compliance with AR 220–10. Subordinate and separate units should maintain similar tables
3. Upon receipt of movement order, the table will be revised to reflect actual strength and equipment on hand and to conform to the provisions of the movement order
4. Organizational equipment and checkable baggage must be listed separately

Table 4–9. Sample Train Consist Table

1	1	2	3	4	5	6	7	8	9	10
	Train number	Transportation grouping	Coach	Pullman		Kitchen or kitchen-baggage	Boxcar	Flat and gondola cars	Total	Train officers
				Standard	Tourist					
2	1	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	CO mess off surg
3	2	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	CO mess off sarg
4	3	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	CO

NOTES 1. Upon receipt of movement order, commanding general will designate the order in which units will be forwarded.
2. Train consist table is prepared by division transportation section from data appearing on revised rail movement table.
3. Maximum and minimum length of trains (total number of freight and passenger cars) will be prescribed by the origin railroad.
4. Under "transportation grouping," show units that will comprise each individual train.
5. Under "train officers," show by same the officers assigned to each train.

Table 4–10. Sample Entraining Table

1	1	2	3	4	5	6	7	8	9	10	11
	Train number	Main number	Order depart	Loading			Departure		Arrival		Entraining officer
				Point	Date	Hour	Date	Hour	Date	Hour	
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											

NOTES: 1. Upon completion of train consist table and individual train loading plan, division transportation section will prepare this entraining table.
2. "Train number" will be shown on train consist table.
3. In CONUS, the "main number," which authorizes the movement of each train, will be issued by the Military Transportation Section, Association of American Railroads, through the Military Traffic Management Command, Washington, DC, to the local transportation officer, who will furnish main number to division transportation section. In the theater of operations the main number normally will be issued by the TRANSCOM movements control center transportation officer.
4. Entraining officers will be designated by name.

4–25. Terminals–General

a. Types. A terminal is a military or commercial facility used for the loading, unloading, and in-transit handling of cargo or personnel by any of the various means of transportation. Normally, terminals also contain other facilities essential to operation, such as maintenance facilities, classification yards, dock and lighterage facilities, management offices, storage facilities, and freight and passenger loading and unloading facilities, as required. Water terminals, including ports and beaches, and inland terminals are treated in this section.

b. Elements of Terminal Planning. Normally, terminal planning involves five steps:

(1) *Step 1.* Computation of the terminal workload required to support the operation, expressed as cargo tonnage and number of personnel per day.

(2) *Step 2.* Estimation of the existing terminal throughput capacity, which is the total tonnage and personnel that can be *received*, *discharged*, and *cleared* through the terminal in a day.

(3) *Step 3.* Estimation of construction requirements for repair and rehabilitation of existing facilities and construction of new facilities necessary to increase the existing terminal capacity to equal the required terminal workload.

(4) *Step 4.* Estimation of the equipment requirements to process the required workload through the terminal with maximum efficiency.

(5) *Step 5.* Estimation of personnel requirements for administration and operation in processing the required workload through the terminal.

4–26. Water Terminal Throughput Capacity Estimation

a. Factors. Terminal throughput capacity is the amount of cargo expressed in STON, number of containers, or number of personnel that can be moved through a terminal per day. A terminal's throughput capacity is determined by computing and comparing three factors.

(1) Terminal reception capacity is the number of ships that can be moved into the harbor and accommodated for discharge/loading. This capacity is expressed as an estimated tonnage that can be discharged/loaded daily from/to these ships and is based *solely* on an evaluation of the *physical facilities* of the terminal.

(2) Terminal discharge/loading capacity is the amount of cargo that can be discharged/loaded at the port, expressed in STON, or containers, per day. This capacity is based on the *equipment* and *personnel available.*

(3) Terminal clearance capacity is the ability to move supplies from/to the terminal based on the capacity of transportation networks and the capability of assigned transportation units. Terminal clearance is expressed in STON per day.

b. Checklist for Water Terminal Throughput Capacity Estimation.

(1) Collect and evaluate the following data to determine water terminal reception capacity:

Channel depths
Obstructions
Enemy air activity
Enemy surface activity
Enemy submarine activity
Extent of destruction or contamination
Seasons, weather, climate, and tide characteristics
Minefields
Friendly capabilities to combat obstacles
Anchorage areas
Wharf facilities
Beach capacities
Transit sheds and storage areas
Space reserved for local economy
Tactical dispersion requirements

(2) Conduct and evaluate the following data to determine water terminal discharge/loading capacity:

Availability of terminal operating units
Availability of indigenous labor (skilled and unskilled)

Discharge/loading rates ashore
Discharge/loading rates astream
Cargo-handling equipment available
Floating craft and equipment available
Seasons, weather, and climatic characteristics
Enemy activity

(3) Collect and evaluate the following data to determine water terminal clearance capacity:

Availability of highway, rail, inland waterway, and pipeline operating units.
Availability of indigenous labor (skilled and unskilled)
Capability of mode operating units and indigenous labor.
Capacity of the rail, highway, inland waterways, and pipeline.
Seasons, weather, and climatic characteristics.
Enemy activity.

(4) Determine water terminal throughput capacity by comparing (1), (2), and (3) above. The most restrictive factor determines or limits the terminal throughput capacity.

c. *Berthing Facilities.*

(1) *General.* A berth is the place assigned to a vessel, while in port, where it can load or discharge. The two principal methods of berthing a vessel are: alongside a quay or a pier (wharf), and at anchor in a roadstead or harbor. Due to drastic changes in ships and shipping systems, most major ports have developed specialized berthing facilities to accommodate roll on/roll off (RORO), container and barge carrying ships. Definitions of ship berthing facilities are:

(a) Quay (wharf)—a landing place parallel to the shoreline at which vessels receive and discharge cargo.

(b) Pier (wharf)—a projecting wharf running at an angle with the shoreline and providing a landing place on each side for vessels to receive and discharge cargo or land passengers.

(c) Anchorage—space in a roadstead or river with sufficient depth of water and room for a vessel to lie at anchor.

(2) *Deep-draft wharf requirements.* A wharf is classified as deep draft when the water alongside is deep enough to permit a fully loaded deep-draft ship to tie up alongside. The following criteria govern:

(a) Water depth should be not less than 10 meters at low tide. For planning purposes a minimum of 10 meters is used because it will accommodate virtually all break bulk/container ships. To determine a specific vessel's maximum rated draft refer to the Military Sealift Command—"Ship Register." For actual arrival draft refer to the cargo traffic message as required by DOD Regulation 4500.32 (MILSTAMP).

(b) Each vessel hatch requires 30 meters of wharf. A five-hatch vessel then requires 150 meters. When wharves are more than 150 meters long and less than the next higher 150-meters unit, the odd footage is disregarded in determining the number of berths available (e.g., 360 meters will accommodate only two five-hatch ships at the same time). However, the extra 60 meters can be considered for lighterage use ((3) below).

(c) To allow working space to discharge cargo from a ship, the wharf width should be at least 18 meters for discharge on only one side of the wharf, and 27 meters or more for discharge on both sides of the wharf.

(3) *Lighterage wharf requirements.*

(a) General. Due to varying characteristics of military and commercial barges/lighters, planning should take into consideration the type barge system that is to be employed. Requirements for the three major types are provided below. Wharfage that dries out at low tide but that can be used half the time (10 hours per day) may be used for lighter discharge.

(b) Length. Lighter aboard ship (LASH) requires 20 meters, sea barge carrier (SEABEE) requires 31 meters, and standard US Army barge requires 38 meters.

(c) Depth (maximum). LASH requires 2 meters, SEABEE requires 3.4 meters, and US Army barges require 2.5 meters.

(d) Width. The width should be a minimum of 12 meters for discharge on one side and 15 meters for discharge on both sides of a pier.

d. Discharge Rates.

(1) *Per five hatch ship (break bulk type).* Operating on a 24-hour basis, with 75 percent availability of equipment, discharge 1,000 STON of cargo per day or backload 500 STON of cargo per day.

(2) *Per lighter berth.* Using one crane per berth, a cargo transfer platoon of the terminal transfer company (TOE 55–118H) can discharge for a sustained period: 300 STON of palletized general cargo, 450 STON of palletized ammunition, or 400 containers (at an average of 8.5 STON each of general cargo or 15.6 STON each of ammunition) per 24-hour period.

(3) *Per RORO berth.* Loading and discharging rates for various classes of RORO vessels vary significantly. MSC RORO vessels, with a variety of cargo and tiedown requirements, load and discharge at a slower rate than commercial vessels. Since MSC vessels are loaded under conditions more likely to be encountered during a military contingency, their short term rate of 600 measurement tons (MTON) or 3,898 square feet per hour is recommended for planning purposes.

(4) *Per container ship berth.* Discharge 390 containers and, at the same time, backload 390 containers; or discharge 720 containers or backload 720 containers. The size of the container has no bearing on the rate of discharge. If the container handling and transporter equipment is available, all containers can be handled at the same rate. NOTE: The above is published doctrine (FM 55–70, *Army Transportation Container Operations),* intended for planning purposes only, and based on TOE stated capabilities.

(5) *LASH.* Ship discharge rate is one lighter every 15 minutes and one container every 3 minutes.

(6) *SEABEE.* The optimum time for simultaneously unloading or loading two barges aboard ship is 30 minutes, however, for planning purposes, this time should be increased by approximately 50 percent to allow for unforeseen delays. For a full ship's complement of barges (38), planning should provide for 13 hours of discharge or backloading time. See paragraph 4–32*d* for reference concerning ship characteristics.

e. Anchorage Areas. Anchorage areas are defined as sheltered areas inside or near a harbor, unaffected by swell, where ships may anchor and discharge by lighter.

(1) *Depth.* The minimum depth (10 m) is dictated by the draft of the ship and the maximum (65 m) is dictated by the length and weight of the anchor chain. Installed facilities, such as mooring buoys, may modify maximum depth limitations.

(2) *Free-swinging anchorage area.* The following formula is used to determine the diameter of anchorage berths: [10, 11]

$$\frac{2(7D + 2L)}{3} = \text{diameter in yards, when—}$$

D = depth of water in feet.

L = length of vessel in feet.

(3) *Moored bow and stern.* This method normally is used only for off-shore discharge of petroleum, oil, lubricants (POL) by submarine pipeline and in river discharge operations where the direction of current flow is constant. This method is secondary in areas affected by tidal currents.

f. Estimate of Water Terminal Operating Personnel and Equipment.

(1) *General.* A balanced operating force and suitable equipment insure maximum efficiency in terminal operations. During the planning and operational phases, planners must establish and maintain a balance. The possibility of using civilian and prisoner of war labor, particularly in later expansion of the water terminal, should be considered.

(2) *Operating personnel.* Operating personnel are divided into managing or supervisory personnel, elements (such as headquarters and headquarters company (HHC), terminal brigade,

[10] Diameter in yards X 0.9144 = diameter in meters.

[11] Bottom characteristics, landmarks, and underwater obstacles must be considered in selecting an anchorage site.

and group), and functional operating units. In the latter category may be included terminal service companies or battalions, truck companies, engineer units, watercraft units, and such other units particularly suited for the functioning of any particular water terminal.

g. Operating Procedures and Equipment. TM 55–513, *Military Stevedoring*, and FM 55–70, *Army Transportation Container Operations*, contain details on operation and capacity of terminal operating equipment.

h. Tables 4–11 and 4–12 show characteristics of small landing craft and amphibious vehicles, both Army and Navy.

Table 4–11. Characteristics of Small Landing Craft

1	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	LIN	Name	Symbol	Length	Beam	Capacity		Draft (loaded)		Speed loaded (knots)	Range (nm)	Crew	Weight empty (L TON)	Cargo space dimensions
						Troops or cargo								
						(number)	(L TON)	Forward	Aft					
2	L36602*	Landing craft, mechanized (Mark VI)	LCM(6)	56 ft	14 ft	120	30 7	3 ft	4 ft 8 in	8 7	137	5	28	37 ft 6 in by 9 ft 6 in by 6 ft 4 in
3	L36739	Landing craft, mechanized (Mark VIII)	LCM(8)	73 ft 6 in	21 ft	200	53 5	3 ft	5 ft	9 0	271	6	60	42 ft 9 in by 14 ft 6 in by 4 ft 3 in
4	L36876	Landing craft, utility (1466 class)	LCU	115 ft 1 in	34 ft	300	150 0	4 ft	6 ft	6 5	700	11	180	52 ft by 29 ft 6 in by 4 ft 6 in 22 ft by 14 ft 4 in by 4 ft 6 in

* US Navy landing craft, not in Army inventory

Table 4–12. Characteristics of Amphibious Vehicles

1	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	LIN	Name	Symbol	Length	Beam	Capacity*		Speed		Range		Crew	Weight empty (L TON)	Example of material carried
						Troops or cargo		Land (kmph)	Water (knots)	Land (km)	Water (nm)			
						(number)	(L TON)							
2	D10990	Carrier, cargo, full-tracked, amphibious	M116	15 ft 7 in	6 ft 10 in.	13	1 34	45 0	3 4	258	19 8	1	3 52	14 passengers (including crew)
3	L37030	Landing vehicle, tracked, engineer, model 1	LVTE-1	39 ft 9¼ in	12 ft 8½ in	---	---	40 0	5 4	29B	120 0	7	36 90	None
4	L37118	Landing vehicle, tracked (Mark V)	LVTP-5	29 ft 8 in	11 ft 8½ in	34 (land) 25 (water)	8 05 (land) 5 35 (water)	45 0	6 7	301	50 0	8	31 20	105-mm howitzer with crew and 100 rounds of ammunition
5	L37132	Landing vehicle, tracked, recovery, model 1	LVTR-1	31 ft 9 in	11 ft 8½ in.	---	---	48 0	6 0	354	57 0	8	33 50	600 cu ft available with recovery equipment removed from cargo compartment
6	---	Landing vehicle, tracked	LVT(A)-5	27 ft 2½ in	10 ft 10 in	---	---	32 0	5 6	242	50 0	5	15 70	None
7	---	Landing vehicle, tracked (Mark XI)	LVTH-6	21 ft 8 in	11 ft 8½ in	---	---	45 0	6 7	301	45 0	5	87 80	None
8	---	Landing vehicle, tracked (Mark VI)	LVTP-6	21 ft 7 in	10 ft 9 in	20	---	56 0	6 5	306	45 0	3	17 90	Bulk cargo
9	L67234	Lighter, amphibious, wheeled (LARC-5).	LARC-5	35 ft	10 ft	0 (20)	4 46 (4 50)	48 8	8 6	322	40 0	2	8 48	Unitized cargo
10	L67371	Lighter, amphibious, wheeled (LARC-15)	LARC-15	45 ft	14 ft 6 in	0 (50)	13 40	47 5	8 2	418	45 0	8	19 00	1 loaded 2½-ton truck or 10 palletized units
11	L67508	Lighter, amphibious, wheeled (LARC-60)	LARC-60	62 ft 6¼ in	26 ft 7 in	125 (200)	53 60 (89 30)	22 5	6 1	241	75 0	4	87 00	Heavy, bulky equipment

* Figures in parentheses in columns 6 and 7 denote emergency capacity

NOTE No consideration need be given to the draft of amphibious vehicles However, consideration must be given to the characteristics of the landing area that may affect beaching, such as mud, coral, or rock formations

4-27. Logistics-over-the-shore Operations

a. General. In situations other than amphibious operations, a logistics-over-the-shore operation provides for the movement of cargo across the shore between ocean transportation and shoreside facilities. Beaches and other more difficult shorelines are used during this type of operation commensurate with the situation.

b. Beach Capacity Estimation. The checklist in paragraph 4-26*b* may be used to determine the beach capacity. Certain of these factors are secondary considerations; others must be expanded according to the location under study that determines the weight to be given each individual factor. The following items must be investigated thoroughly to determine their effect on the operation:

(1) Weather—wind, fog, rainfall, temperature.

(2) Sea area—extent, depth of water, type of bottom, vulnerability to sea-wave action.

(3) Beach approaches—reefs, bars, man-made obstacles, tide, type of bottom, surf conditions, underwater gradient.

(4) Beach—gradient, composition, length, width, wave effect, exits.

(5) Hinterland—depth, concealment, transportation net capability.

c. Operating Equipment. The same materials-handling functions as those in a conventional port situation are performed, but more cranes and forklift trucks that can traverse sand and soft terrain are required. Amphibians should be used to relieve congestion at the water's edge and to eliminate unnecessary handling of cargo.

4-28. Containership Terminals

a. General. Based on experience gained from container terminals serving full containerships, an average of 16 acres are required to accommodate a C-5 containership berth. This space includes the requirement for a temporary storage area for containers (dry cargo and refrigerated), stowing and unstowing facilities, maintenance, and administrative functions.

b. Capacity Estimate. To estimate the number of containers that can be handled through an existing terminal daily or the amount of space required to accommodate a given number of containers daily, the following considerations must be explained.

(1) Frequency of containership arrivals.

(2) Container carrying capacity of ships to be berthed (use 20-foot containers equivalents).

(3) Numbers and average speed of cranes available to unload containerships (crane discharge rates vary from 2 to 5 minutes per container).

(4) Productive hours per work day.

(5) Numbers of chassis and line haul tractors available for port clearance (will influence the number of containers that will have to be temporarily stored in the terminal).

(6) Delivery radius and vehicle turnaround time.

(7) Reception capacity of consignee (will affect vehicle turnaround time).

(8) Type and quantity of container handling equipment available. The type of equipment used influences the space requirement for container holding areas (aisle width for front-end loaders is much greater than is required for side loaders or straddle cranes).

(9) Container holding method (on-chassis, stacked on ground, or unstacked on ground).

(10) Extent of stowing and unstowing activities. If containers are stowed or unstowed in the terminal or if noncontainerized general cargo is to be handled, covered storage space is required. The American Association of Port Authorities estimates that approximately 90,000 square feet (about 2 acres) of covered storage space is required for each container berth.

(11) Average capacities for the most common type containers supporting military operations are listed in table 4-13.

Table 4–13. Container Capacities

Normal exterior dimensions	*Max gross wt (lbs)*	*Tare wt (lbs)*[1]	*Approximate payload (lbs)*
8 ft X 8 ft X 40 ft	67,200	5,000	62,200
8 ft X 8 ft 6 in X 35 ft	45,000	4,000	41,000
8 ft X 8 ft X 20 ft (commercial)	44,800	3,500	41,300
8 ft X 8 ft X 20 ft (Army military van) MILVAN	44,800	4,700	40,100
8 ft X 8 ft X 20 ft (Ammunition carrying MILVAN)	44,800	5,640	39,160

[1] Because of construction methods and materials used, tare weights may vary somewhat between manufacturers. For this reason, weights are for planning purposes only.

4–29. Inland terminals

a. Definition. Inland terminals are those inland transit points where cargo is—

(1) Held temporarily in transit awaiting disposition instructions.

(2) Transferred from one means of transportation to another.

(3) Broken down from bulk shipments and reshipped in small units.

(4) Received and consolidated for reshipment.

b. Capacity Estimation. Inland terminal capacity is the total tonnage that can be *received*, *discharged/loaded*, and *cleared* through the terminal in any 1 day. The terminal capacity is estimated by analyzing three major factors—reception capacity, discharge/loading capacity, and clearance capacity—to ascertain which is the limiting factor and to determine the capacity as expressed in daily tonnage.

c. Estimation of Equipment. Equipment requirements are determined by analyzing the projected workload of the inland terminal in relation to the tonnages and types of cargo to be unloaded, loaded, and transferred.

d. Estimation of Personnel Requirements. Personnel requirements are determined by evaluating the mission of the inland terminal in terms of workload, equipment to be manned, and services to be performed. To insure maximum efficiency in terminal operation, a balanced force and supervisory elements must be available. The use of indigenous and prisoner of war labor should be considered.

4–30. Types and Characteristics of Inland Waterways

a. Types. Inland waterways include all navigable inland waters, such as rivers, lakes, inland channels, and canals, of sufficient depth to accommodate cargo traffic.

b. Characteristics. The characteristics of a waterway that must be considered in analyzing its capabilities are as follows:

(1) Restricting widths and depths of channel.

(2) Vertical and horizontal bridge clearance.

(3) Location of dams and other bars to navigation.

(4) Location of locks, dimensions, and timing.

(5) Seasonal floods and droughts, their frequency, and their duration.

(6) Normal freezeup and opening dates.

(7) Hazards to navigation, such as rapids and falls.

(8) Speed and fluctuation of current.

(9) Waterway maintenance requirements.

(10) Changes of channel.

(11) Effect of tides.

(12) Enemy activity.

4–31. Waterway Capacity Estimates

a. Limiting Factors. Factors, other than waterway characteristics, having a limiting effect on waterway capacity are—

(1) Availability of suitable barges or craft.

(2) Availability of suitable operating personnel.

(3) Availability and adequacy of terminals and terminal facilities.

b. Turnaround Time. Turnaround time is defined as the time required for a lighter to accomplish a complete cycle. It is estimated by considering the following factors:

(1) Time required to load the lighter(s).

(2) Travel time to point of discharge.

(3) Discharge time (when using a cargo transfer of the terminal transfer company (TOE 55–118) or its equivalent from the terminal service company (TOE 55–117)).

(4) Travel time from discharge point back to loading point. (This time is influenced by weather, tidal conditions, type of tow equipment, and time consumed in locks.)

c. Barge Terminal Capacity. Since turnaround time is directly influenced by the time required to discharge cargo from the barges, consideration must be given to the daily capacity of the barge terminal which can be estimated by applying the following formula:

$$\text{Daily STON capacity of barge terminal} = \text{Number of barge berths operating} \times \text{Hourly STON discharge rate per berth} \times \text{Work hours per day}$$

d. Capacity Determination. The following formula may be used to determine the number of tons a given number of barges can transport a given distance daily:

$$\frac{\text{Number of barges} \times \text{average tons per barge} \times \text{hours of operation per day}}{\text{Turnaround time in hours}} = \text{Tons moved daily}$$

e. Tug and Towboat Requirements. When cargo is moved by tug assisted barges, the barge to tug ratio of each tow will vary depending upon the type of waterway, size of tugs, and the type of ocean terminal operation. The two general types of waterways are:

(1) *Open waterway.* Open waterways such as large rivers can generally accommodate a large volume of traffic and will permit the operation of larger tows than would be possible in a restricted waterway. Larger tows permit greater barge-to-tug ratio, thereby decreasing the tug requirement.

(2) *Restricted waterways.* An inland waterway that has locks or other restrictive features, such as narrow bridge spans or a narrow channel, is a restricted waterway. When operating in this type of waterway the number of barges in a tow must be restricted to enable the tow to negotiate the restrictive features. This will generate a greater tug-to-barge ratio.

f. Lighterage Requirements. To determine the number of barges or other lighters required to move a given tonnage a given distance daily, use the following formula:

$$\text{Number of barges required} = \frac{\text{Daily tonnage} \times \text{hours turnaround time}}{\text{Tons per barge} \times \text{hours of operation daily}}$$

4–32. Definition of Ship-Loading Terms

a. Units of Weight.

(1) STON—2,000 lbs. Used by US ships in domestic trade.

(2) LTON—2,240 lbs. Used by US ships in foreign trade.

(3) Metric ton—2,205 lbs. Used by foreign shipping.

b. Units of Volume.

(1) MTON—40 cubic feet. Used by US

ships in foreign trade. A ship's MTON capacity can be determined by referring to its cubic capacity.

(2) Bale cubic capacity—bale cubic capacity is the volume of space available for loading cargo which is measured in cubic feet.

c. Units of Distance and Speed.

(1) Distance (nautical mile)—6,076 feet.

(2) Speed (knot)—1 nautical mile per hour.

d. Sealift Data. The MSC "Ship Register," short title MSC—P504, is a nonregistered publication compiled and published quarterly by Commander, Military Sealift Command, Washington, D.C. 20390, and contains characteristics and planning factors for various types of ships. Table 4—14 displays the characteristics of RORO vessels.

e. Shipping Turnaround Times. Turnaround time for similar type ships seldom is the same between two ports, or other equidistant runs, unless sailings are carefully controlled. If operating conditions are controlled, a basis for turnaround times can be established for types of ships (troop or cargo) for general planning purposes. Turnaround time components include the following:

(1) Loading time at home port.

(2) Sailing time to and from destination.

(3) Unloading and loading time at destination.

(4) Unloading time at home port.

(5) Normal voyage repair and reoutfitting time.

f. Planning Factors.

(1) The wide diversification of current generation ship designs and capabilities restricts the planners ability to apply a single planning criteria. For approximate speed, deadweight tonnage, and number of ships of each design refer to table 4—15. To apply characteristics of specific type or named vessels, refer to the MSC "Ship Register," short title MSC—P504, a quarterly nonregistered publication of Commander, Military Sealift Command, Washington, D.C. 20390.

(2) Time in ports per round trip: cargo ships—35 days; troop ships—20 days; and tankers—10 days.

g. Convoys. A major portion of shipping may be conducted in convoy formation. The planner must consider this factor in computing turnaround time for convoy or escorted shipping.

*Table 4–14. RORO Ship's Characteristics**

	USNS COMET	USNS SEALIFT	GTS CALLAGHAN	PONCE CLASS	SEABRIDGE[9] CLASS	STATES[10] STEAMSHIP
No of Ships	1	1	1	5	4	4
Length (Overall) (ft)	499.0	540.0	694.3	700.0	602.0	684.0
Length (Btw Perpendiculars) (ft)	465.0	499.5	626.5	643.0	560.0	640.0
Beam (Extreme) (ft)	82.0	83.0	92.0	105.0	90.0	102.0
Depth (ft)	48.8	53.0	60.1	60.2	59.0	69.5
Oraft (Oesign) (ft)	22.0	24.0	27.0	27.0	31.0	32.0
Oraft (Full load) (ft)	27.0	29.1	29.0	28.0	34.0	34.0
Speed (Max) (kts)	18.0	22.0	25.8	27.0	24.8	23.0
Speed (Operating) (kts)	15.8	20.0	24.5	25.0	23.5	23.0
Range (Radius) (n.m.)	15,733	10,000	6,000	5,748	12,100	12,200
Max Cargo Owt (Wt)	7,370	10,200	7,000	11,192	9,023	11,980
Bale Cube (ft^3)[5]	[4]813,116	1,018,940	1,360,000	1,360,367	[4]1,193,553	1,868,854
Measurement Tons[5]	20,328	25,474	34,000	34,009	29,839	46,721
RORO Deck Parking (ft^2)[5]						
Below Deck	[6]58,425	[7]64,180	119,314	100,139	[4]33,919	103,760 (est)
On Oeck	23,000	20,530	45,375	57,012	0	25,324 (est)
TOTAL	[6]81,425	[7]84,710	164,689	157,151	[4]33,919	129,084
Oeck Height						
Main Oeck	13'6"	12'6"	[8]11'9"	15'0"	N/A	N/A
Second Oeck	12'8"	13'1"	[8]14'2"	15'0"	29,082 ft^2@14'6" 4,837 ft^2@7'0"	9'11"
Third Oeck	[8]10'2"	10'0"	[8]11'0"	15'0"	N/A	17'11"
First Platform	6'11"	8'7"	[8]7'11"	8'3"	N/A	17'0"
Tank Top	6'11"	8'6"	[8]8'1"	6'3"	N/A	9'11"
Crew Size	56	56	35	35	36	35
Total SHP	12,000	19,400	40,000	32,000	30,000	37,000
No. of Propellers	2	2	2	1	1	1
Machinery	Geared Steam Turbine	Geared Steam Turbine	Geared Gas Turbine	Geared Steam Turbine	Geared Steam Turbine	Geared Steam Turbine
Cargo Handling Gear	RORO Side Ports & Stern Door	RORO Side Ports & Stern Door	RORO Side Ports & Stern Door	RORO Side Ports on Starboard Side	RORO Stern Door & Side Port on Port Side	Side Ports & Stern Ooor on Starboard Side
No of Containers	--	--	--	(3)	(1)	--
No of Trailers	120	140	280	(3)	(2)	796 (approx)
Max Lift on/Lift off	60 LT	70 LT	240 LT			

*RORO ships offer the most desirable method of shipping vehicles. Loading systems on RORO ships vary because no specific class has been assigned, some have stern ramps, others have side ports.

[1]399–40' X 8' X 8' if RORO space used for containers; 291–40' X 8' X 8' if RORO space used for RORO.

[2]120–2 ½ ton trucks or 51 trailers–40' X 8' X 13'6".

[3]260–40' trailers + 292 autos & light trucks for Erick Holtzer & Fortalcza. Ponce de Leon being modified for 277–40' trailers.

[4]Excluding internal driveways.

[5]Including internal driveways except otherwise noted.

[6]Excluding 15,279 ft^2 of LO/LO area not accessible to RORO.

[7]Excluding 15,580 ft^2 of LO/LO area not accessible to RORO.

[8]Minimum due to sheer.

[9]Combination container/RORO ships can also be considered as self sustaining containerships since RORO area can be used for containers.

[10]4 RORO ships of MAINE class are being built for States Steamship Co to be ready in the 1975–1977 time frame.

Table 4–15. Characteristics of US Flag General Cargo, Ship Designs

	PRIVATELY OWNED		MARITIME ADMINISTRATION SHIPS			
			Operating		Laid-up	
	No 3	DWT[1]	No 3	DWT	No 3	DWT
20 Knots and over*						
C4	79	1,077,671			1	14,747
C5	5	111,088				
C5–Cntn, nonself sustaining	6	98,160				
C6–Cntn, self sustaining	3	52,398				
C6–Cntn, nonself sustaining	25	449,566				
C7–Cntn, nonself sustaining	10	221,028				
C8–LASH/SEABEE	14	442,895				
C9–LASH/SEABEE	8	325,980				
RORO	11	161,356				
Other Cntn, nonself sustaining	12	322,203				
17.1–19.9 Knots						
C3	39	481,781				
C3–Cntn, self sustaining	2	25,230				
C5	13	185,666				
14.0–17.0 Knots						
C1					6	53,658
C2	2	20,950				
C3	6	67,664				
V#2					1	1,218,818
V#3					18	192,177
Vehicles	1	14,860				
Other design	18	265,836	1	12,292	5	61,024
Other Cntn, self sustaining	16	181,661	2	20,078		
Under 14 Knots						
EC2					26	276,315
Other design					1	10,517

*NOTE: Knot–a unit of speed equating to 1 nautical mile per hour.

[1]DWT–Deadweight tonnage is the total carrying capacity of a vessel or the difference between displacement light and displacement loaded, expressed in long tons. It includes the weight of fuel, water, stores, dunnage, crew, and cargo.

CHAPTER 5
PERSONNEL AND ADMINISTRATION

Section I. PERSONNEL AND FINANCE

5–1. General

a. Personnel, administrative, and finance combat service support systems and organizations in a theater of operations (TO) use automatic data processing equipment (ADPE) to provide responsive support of user requirements and management needs. Commanders and their staffs execute financial and personnel management matters through extensive use of summary ADPE reports and other printouts. Centralized and controlled personnel recordkeeping reduces administration and recordkeeping at unit level. Personnel, administrative, and finance general support (GS) and direct support (DS) units provide support to both communications zone (COMMZ) and combat zone commands. Description of personnel and administrative combat service support at the TO level is in FM 29–6.

b. The Adjutant General (AG) functional systems operated by personnel and administrative GS and DS organizations in a TO include: personnel recordkeeping, personnel management, personnel actions, assignment of replacements, casualty reporting, administrative services, postal services, and recreation services. Details on AG functional systems are in FM 12–1, FM 12–2, FM 12–4, FM 12–5, FM 12–11, and Standard Installation/Division Personnel System (SIDPERS) user manuals.

c. SIDPERS is a standard, automated, integrated personnel system designed to provide personnel information systems support at division, installation, brigade, battalion, and unit levels. SIDPERS performs the following four major functions:

(1) *Strength accounting.* SIDPERS provides for personnel strength accounting of all Active Army personnel assigned or attached to organizations that have been designated for servicing by SIDPERS activity.

(2) *Organization and personnel recordkeeping.* SIDPERS provides for organization and personnel recordkeeping by the processing of local input transactions, change notices from higher headquarters, transfer data records from horizontal and vertical personnel systems and, as a byproduct, processing of other SIDPERS files maintenance.

(3) *Information exchange.* Provision is made for exchange of information with other automated systems (such as Active Army Personnel Reporting System (AAPERS), the Centralized Assignment Procedures (CAP III), the Unit Identification System (UIS), the Vertical/ The Army Authorization Documents System (VTAADS), and the Trainee Accounting and Management System (TAMS)). Future plans call for an exchange of information with the Joint Uniform Military Pay System (JUMPS).

(4) *Command and staff reporting.* The system is designed for use in command and staff reporting by the functional manager, personnel manager, and automatic data processing (ADP) personnel.

d. The finance functional systems in a TO operated by finance DS and GS organizations include: administering pay and commercial accounts; preparing data for Army management and budget administration; maintaining finance records; maintaining accounting systems; and distribution, conversion, and control of US and foreign currency. Details on comptroller support and financial management areas are in FM 14–3, FM 14–4, and FM 14–6.

5–2. Decorations

Table 5–1. Decoration Data (Based on Needs of 10,000 Troops Per Month)

1	2
1 *Decoration*	*Approximate average*
2 Distinguished Service Cross	.9
3 Distinguished Service Medal	.1
4 Silver Star	.103
5 Legion of Merit	.20
6 Distinguished Flying Cross	.6
7 Soldier's Medal	.7
8 Bronze Star Medal	.565
Heroism	(270)
Meritorious achievement	(295)
9 Air Medal	.255
10 Meritorious Service Medal	---
11 Army Commendation Medal	.485
12 Purple Heart	1,175

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5–3. Mail

Table 5–2. Mail Data[1] *(Based on Needs of 10,000 Troops Per Month)*

1	1	2	3	4	5	6	7	8	9	10
1	Mail	Wartime			Peacetime					
					Dependents authorized			Dependents not authorized		
		Lb	MTON	STON	Lb	MTON	STON	Lb	MTON	STON
	To the theater:									
	Air–									
2	Official	25,237	---	12.619	19,156	---	9.578	26,069	---	13.0341
3	Personal	114,630	---	57.315	54,038	---	27.019	76,462	---	38.231
	Surface[2]–									
4	Official	8,653	22.652	---	21,414	56.058	---	19,137	50.097	---
5	Personal	49,036	128.366	---	53,723	140.636	---	39,385	103.102	---
	To the CONUS:									
	Air–									
6	Official	8,450	---	4.225	6,534	---	3.267	7,858	---	3.929
7	Personal	22,145	---	11.073	30,564	---	15.282	17,698	---	8.849
	Surface[2]–									
8	Official	7,432	19.455	---	3,769	9.866	---	1,621	4.243	---
9	Personal	21,482	56.236	---	43,344	113.466	---	7,094	18.571	---

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[1]Table was developed by equating lbs of mail transported to and received from Vietnam (wartime), Germany (dependents authorized), and Korea (dependents not authorized), with troop strengths for these countries during FY 69.

[2]Conversion factor for surface mail is 382 lb per MTON. (From US Post Office Department.)

Section II. PRISONERS OF WAR, CIVILIAN INTERNEES, AND MILITARY PRISONERS

5–4. General

Enemy Prisoner of War (EPW) Capture Rates—Conventional War. The figures and planning factors presented in this section are based primarily on the experiences of US Army forces in World War II and the Korean war. Of necessity, the experiences represent those of the types of organizations, principally divisions, that existed during those two wars. Present day infantry, armored, and airborne divisions are sufficiently similar to their predecessor organizations to make these experience factors applicable. In the case of the infantry division (mechanized), organized since the Korean war, the figures and factors cited represent interpolations based on the organizational and operational characteristics of the new organization. Data have not been developed for the airmobile division.

5–5. EPW Capture Rates and Retention

Table 5–3. EPW Capture Rates (Per Month)—Equal Force Estimates

	1	2
1	*Troops (US)*	**Percentage of enemy strength*
2	Infantry divisions	1.35
3	Infantry divisions (mechanized)	1.10
4	Armored divisions	0.80
5	Airborne divisions	0.65
	Corps and nondivisional units:	
6	Armored cavalry regiments	0.85
	Separate combat brigades:	
7	Infantry brigades	0.90
8	Infantry brigades (mechanized)	0.75
9	Armored brigades	0.55
10	Airborne brigades	0.45
11	Other units	(**)

46-0001

* When opposing forces are approximately equal, the PW capture rate per month can be estimated by applying these percentages.

** Negligible.

Table 5–4. EPW Capture Rates—Unequal Force Estimates

	1	2
1	*Force and operation*	*Number of prisoners captured per day*
2	Average per division in all types of operations	47
3	Division in attack of a defensive position	50
4	Division in attack of a defensive position with complete surprise attained	700
5	Division in defense of a position against an unsuccessful enemy attack	300
6	Infantry division (mechanized) (or task force) in an encirclement operation	815
7	Armored division (or task force) in an encirclement operation	1,000

NOTE: Numerically inferior enemy force.

46-0002

Table 5–5. EPW Capture Rates–Theater Estimates

1	2	3	4	5
		Enemy PW per month		
			Enemy capitulation	
1 *Unit*	*Defense (US)*	*Offense (US)*	*First month*	*Succeeding month*
2 Infantry division	230	3,500	6,000	30,000
3 Infantry division (mechanized)	175	3,550	6,000	30,000
4 Armored division	117	3,600	6,000	30,000
5 Airborne division	155	2,550	6,000	30,000

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Table 5–6. Retention of EPW in an Active Theater

1	2
1 *Purpose for retention in theater*	*Number per division*
2 To provide a theater PW labor pool	4,000
3 To provide for PW housekeeping, administration, etc.	2,666
4 Total (division slice)	6,666

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5–6. EPW Capture Data–Stability Operations in a Tropical Jungle Environment

a. The PW capture data presented below are based on the experiences of US Army and Marine Corps forces over a 4-year period (1966–69) in South Vietnam. The nature of stability operations in a jungle environment points toward a capture rate which is very greatly reduced from those presented in the preceding paragraph.

Table 5–7. Enemy Prisoner of War Capture Data–Vietnam Conflict

1	2
1 *Unit*	*Number of PW captured per year*
2 Average per division over 4-year period for all types of divisions and division equivalents	423
3 High year average per division (1967)	644
4 Low year average per division (1966)	213

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b. Although the PW capture rate for stability operations may be very low, failure of the enemy to wear a uniform or other recognizable insignia presents a problem of identity. As a consequence, large numbers of civilian suspects may also be detained in the course of operations. This requires a subsequent individual interrogation screening at brigade and division levels of all detained personnel to determine their true status and to make appropriate disposition. In the Vietnam operations, the ratio of PW approximated one for each six detainees taken into custody.

5–7. Enemy Civilian Internees

a. Internment. The DA establishes broad policies (AR 633–51) on the internment of civilians presenting a security threat to allied

forces. In certain limited field operations, such as against an unsophisticated enemy in an internal defense and development (IDAD) environment, the number of civilians interned may exceed the number of enemy prisoners captured. When military operations result in the movement of large numbers of refugees, potential civilian internees are invariably among the refugees. While no dependable internment rates can be established, the following percentage factors may be used generally in preparing estimates until such time as more specific guidance and information become available.

b. Local Static Population. Factors applicable to the local static population—

Civilian population	*Percentage of the population interned*
Mainly hostile	0.1 to 0.5
Mainly friendly	0.05 to 0.1

c. Refugees Interned. Factors applicable to the estimated number of refugees (estimates derived from these factors are added to those developed from the application of the factors in *b* above)—

Refugees	*Percentage of refugees interned*
Mainly hostile	2 to 5
Mainly friendly	0.1 to 1.5

5–8. Military Prisoners

a. Confinement Rates.

Conditions	*Percentage of command population*
(1) Nonnuclear	1
(2) Nuclear	2

b. Location.

Nuclear and nonnuclear environment	*Percentage*
(1) Evacuated to CONUS disciplinary barracks	20
(2) Retained in theater rehabilitation training centers	35
(3) Retained in stockades in the theater	45

c. Restoration Rates. For planning purposes, the following factors regarding the restoration of US military prisoners to duty generally apply:

From place of confinement	*Percentage*
(1) Stockades	100.0
(2) Rehabilitation centers	39.0
(3) Disciplinary barracks	7.7

5–8.1. Crime Rates

a. To make the necessary arrangements for the detection, investigation, and disposition of criminal incidents requires the preparation of an advance estimate of the number of such incidents that will occur within a given time in a command. Experience indicates that there will be little variance in the overall crime rate between peacetime and wartime. In a theater of operations, a variance will exist between the combat zone and the COMMZ, with the bulk of the serious crimes occcuring in the latter.

b. Based on extensive statistical data, covering both peacetime and wartime, the average annual crime rate within any command will approximate 37.06 serious crimes per 1,000 military population. This planning factor increases in dependability in direct proportion to the size of the command; and, in a theater of operations, it is best suited for theater-level planning.

c. Crime rate planning factors may be used as the basis for determining the personnel requirements for criminal investigators in a command. Experience shows that one criminal investigator can effectively accomplish an average of 34 criminal investigations per year; therefore, on the average, criminal investigators should be assigned to a command on the basis of one to approximately 1,000 military personnel.

5–9. Personnel Losses

A personnel loss is any reduction in the assigned strength of a unit. Such loss is caused primarily by enemy action, disease, accidents, and administrative action. The rate of loss varies with the theater of operations (TO), climate, terrain, the condition and state of training of troops, type of activity, the enemy, and numerous other factors. Each division and corps has its own loss experience depending on its own situation. Loss rates by arm or service and by military occupational specialty (MOS) within corps and division vary with the exposure of the particular category of personnel to the various causes of losses.

a. Categories of Losses. Personnel losses are recorded in three general categories:

(1) *Battle*, which are those losses incurred in action, including—

(a) Wounded or injured in action, to include those who died of wounds and died of injuries received in action.
(b) Killed in action.
(c) Missing in action or captured by the enemy.

(2) *Nonbattle*, which are those losses not directly attributable to being in action, regardless of when sustained, including—

(a) Nonbattle dead.
(b) Nonbattle accident/injury.
(c) Nonbattle missing.
(d) Sick/disease.

(3) *Administrative*, which are those losses including—

(a) Transfers from the unit.
(b) Absent without leave.
(c) Desertion.
(d) Rotation of personnel.
(e) Discharges.

b. Gross Losses. Besides those killed, captured, or missing, gross losses include personnel evacuated to hospitals and dropped from the rolls of their units. In all units in the theater army, any man hospitalized or evacuated to a hospital in the COMMZ is dropped from unit rolls and carried on the rolls of theater training, transient, and patient strength, which is not chargeable against the authorized theater strength.

c. Net Losses. Net losses are gross losses less personnel returned to duty within the theater. Net losses are computed only at theater level and are used as a basis for estimates of personnel required from the CONUS to maintain theater strength.

d. Loss Experience.

(1) Factors and figures that appear in the tables of this section are based primarily on World War II and Korean war experience and will not necessarily apply during another war. For planning, loss experience of past wars is modified by evaluating new factors applicable to new conditions. As a war progresses, every echelon of command gradually builds up loss experience that more accurately reflects the current conditions. Even the most complete and accurate figures relating to past wars cannot be relied on as valid for any future war. With experience as a basis, good judgment and sound knowledge of principles are used to develop new experience tables applicable to new conditions. Administrative losses are based on changing policies and, except for the confinement rates for military prisoners, are not adaptable to the establishment of loss tables based on experience. Therefore, experience tables for administrative losses, other than confinement, are not included in this manual.

(2) Since the disease rate is a large part of the nonbattle loss rate, the overall loss rate has seasonal variations and depends on the region where the force is operating. Generally, disease losses can be expected to exceed battle losses over an extended period by as much as 3 to 1. On occasions, the ratio may reach 6 to 1 or greater. The majority of disease cases are not hospital admissions and, therefore, do not contribute to statistics. For example, approximately 10 persons per 1,000 will attend dental clinics daily; they will be noneffective for a portion of that day, but they will not be reflected in daily admission rates. However, these disease losses do

represent a form of noneffectiveness since they can markedly decrease the ability of an individual or a unit to perform a mission.

5–10. Nuclear, Biological, and Chemical Loss Estimates

a. General. The enemy's use of nuclear, biological, and chemical (NBC) weapons against US forces results in increased battle losses. Battle losses from nuclear weapons may be divided into the following two general categories:

(1) Battle losses sustained when a military unit is destroyed. Such losses are so great that individual replacement is not feasible. Replacements for these battle losses are provided for by unit replacement.

(2) Battle losses sustained when units are on the periphery of the area of damage. Replacements for battle losses in this category come from survivors of destroyed units and from personnel in the individual replacement system.

b. Factors Influencing Losses. No valid experience data exist from which loss experience tables can be compiled. The problem of estimating the number of replacements (both unit and individual) required to replace losses to NBC weapons involves many variable factors. Among the more important of these factors are—

(1) Frequency of enemy employment of NBC weapons.

(2) Types and yields of weapons employed.

(3) Types of targets selected for NBC weapon attack.

(4) Effectiveness of enemy target location system.

(5) Accuracy of enemy delivery means.

(6) Protective measures adopted by own forces.

(7) Warning and reporting measures adopted by own forces.

c. *Estimation of Battle Losses.* Effective battle loss estimation requires an aggressive effort on the part of all agencies, particularly intelligence agencies, to provide specific data to eliminate the variable factors outlined in *b* above or to permit reasonable assumptions concerning these variable factors. The validity of battle loss estimation is directly proportional to the degree of refinement that can be made in these factors. FM 101—10—3 contains classified information pertaining to nuclear battle losses under conditions of NBC warfare.

5–11. Unit Replacements

DA determines unit replacements and furnishes them to the theater army to replace units that have become ineffective. However, this replacement procedure is based on the needs of the theater and the availability of forces. It is accomplished with the concurrence of the theater commander.

5–12. Combat Zone Estimates

a. General. The procedures and data in this paragraph apply to the estimation of nonnuclear losses. Because of the possible nuclear battle losses and the effect that such losses may have on tactical operations, nuclear battle losses are estimated separately. (See FM 101—10—3.)

b. Purpose of Estimate. Personnel loss estimates at corps and division are used to anticipate the effect of losses on the tactical plan for the handling of replacements in the commands. The estimates have to indicate the strength at any given time, the losses anticipated for a specific situation, and the distribution of these losses by arm or service and MOS. Combat estimates are of two types—short period (5 days or less) and long period (more than 5 days). Estimates are used as a basis for allocation of available replacements and to inform higher headquarters of anticipated replacement requirements. Corps headquarters use both short period and long period estimates. Divisions normally use only short period estimates.

c. *Factors.* In calculating losses, two major factors are considered:

(1) Loss rates applicable to the specific situation are expressed as percentage of strength or as number per thousand of average strength of any given period. In compilation and use of loss data, units whose loss rates are about the

same because of similar operating conditions are grouped together.

(2) Loss rates are applied to the strength of the particular command under consideration. Two different strengths are used:

(a) Authorized strength is table of organization and equipment (TOE) strength plus additional personnel authorized by higher headquarters. Authorized strength is used in long-range planning and in cases of unknown or rapidly fluctuating assigned strength.

(b) Assigned strength includes all personnel carried as assigned on the unit's roster. Assigned strength is used, when known, in long period estimates if it differs materially from authorized strength and if it will remain reasonably stable during the estimated period.

d. Short Period Estimates (Periods Not in Excess of 5 Days).

(1) *General.* Tables 5–8 and 5–9 provide percentages by type of action and by combat arm or branch. Table 5–8 is not used for loss estimates for a period greater than 5 days.

Table 5–8. Daily Personnel Losses as Percentage of Strength

1	1	2	3	4	5	6	7	8	9	10
	General type of operation for the force as a whole	Division in contact			Divisions in corps and reserve			Nondivisional units, corps[1]		
		Battle loss (percentage)	Nonbattle loss (percentage)	Total (percentage)	Battle loss (percentage)	Nonbattle loss (percentage)	Total (percentage)	Battle loss (percentage)	Nonbattle loss (percentage)	Total (percentage)
2	Covering and security force action	0 9	0.3	1.2	0.3	0.3	0.6	0.3	0.1	0.4
	Attack:									
3	Meeting engagement	2.4	0.3	2.7	0.3	0.3	0.6	0.4	0.1	0.5
4	Of a position—1st day	3.8	0.3	4.1	0.4	0.3	0.7	0.5	0.1	0.6
5	Succeeding days	1.9	0.3	2.2	0.3	0.3	0.6	0.4	0 1	0.5
6	Of a fortified zone—1st day	6.3	0.3	6 6	0.5	0.3	0.8	0.7	0.1	0.8
7	Succeeding days	3.2	0.3	3.5	0.4	0.3	0.7	0.5	0.1	0.6
	Defense:									
8	Meeting engagement	1.5	0.3	1.8	0.3	0.3	0.6	0.3	0.1	0 4
9	Of a position—1st day	1.9	0.3	2.2	0.3	0.3	0.6	0.4	0 1	0.5
10	Succeeding days	1.0	0.3	1.3	0.3	0.3	0.6	0 3	0.1	0.4
11	Of a sector—1st day	3.2	0.3	3.5	0.4	0.3	0.7	0.5	0.1	0.6
12	Succeeding days	1.6	0.3	1.9	0.3	0.3	0.6	0.4	0.1	0.5
13	Inactive situations[2]	0.7	0 3	1.0	0.3	0.3	0.6	0.3	0.1	0.4
14	Pursuit	1.3	0.3	1.6	0.3	0.3	0.6	0.3	0.1	0.4
15	Retirement and delaying action	0 7	0.3	1.0	0.3	0.3	0.6	0.3	0.1	0.4

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[1] Use divisional loss rates for units attached to a division.

[2] Forces in contact—neither side attacking.

Table 5–9. Distribution of Battle Losses by Branch (Divisions)

1	1	2	3	4
	Branch	Infantry division (percentage)	Armored division (percentage)	Airborne division (percentage)
2	Infantry	93.0	62.0	85.6
3	Artillery	2.4	3.6	6.9
4	Armor	2.0	23.1	0.0
5	Engineers	1.5	3.3	3.9
6	All others	1.1	8 0	3.6

AG-0002

(2) *Distribution of infantry battle losses by selected MOS within an infantry division.* Personnel losses of maneuver battalions most seriously affect the combat effectiveness of an infantry division. A total of 87.4 percent of the infantry battle losses occurs among riflemen and weapon crewmen (and closely allied specialists), who constitute the larger portion of the infantry division assault battalions' strength. In stability operations, maneuver battalions may experience a substantial increase in the loss rate among noncommissioned officers.

(3) *Distribution of nonbattle losses.* Nonbattle losses in each branch are in the same proportion to the total nonbattle losses as the strength of that branch is to the total strength of the unit.

(4) *Example.* Calculate the total nonnuclear losses of a type of infantry division in the first 3 days of the defense of a position and

determine the number of infantry riflemen and weapon crewmen who become battle losses.

(a) Total losses.

Authorized strength of division 17,423
Assigned strength of division (assumed), beginning of first day 15,341
Losses, first day, defense of position (2.2 percent × 15,341 (table 5–8, line 9, colm 4)) 338
Assigned strength, end of first day 15,003
Losses, second day, defense of position (1.3 percent × 15,003 (table 5–8, line 10, colm 4)) 195
Assigned strength, end of second day 14,808
Losses, third day, defense of position (1.3 percent × 14,808 (table 5–8, line 10, colm 4)) 193
Assigned strength, end of third day 14,615
Total losses, 3 days (338 + 195 + 193) 726

(b) Battle losses.

First day, defense of position (1.9 percent × 15,341 (table 5–8, line 9, colm 2)) 291
Second day, defense of position (1.0 percent × 15,003 (table 5–8, line 10, colm 2)) 150
Third day, defense of position (1.0 percent × 14,808 (table 5–8, line 10, colm 2)) 148
Total battle losses 589

(c) Infantry battle losses.

Infantry battle losses (93.0 percent × 589 (table 5–9, line 2, colm 2)) 548
Infantry riflemen and weapon crewmen battle losses (87.4 percent (*d*(2) above) × 548) 479

e. Long Period Estimates—Combat Zone (Periods in Excess of 5 Days).

(1) *Monthly personnel losses.* Tables 5–10 and 5–11 provide percentages of personnel losses for World War II and the Korean war, respectively.

Table 5–10. Personnel Losses (World War II) (All Theaters)

	1	2	3
1	Troops	Battle losses (percentage per month)	Nonbattle losses (percentage per month)
2	Infantry divisions in combat zone.	10.00	8
3	Armored divisions in combat zone.	8.00	7
4	Corps and nondivisional troops in combat zone.	1.25	3

AG-0001

Table 5–11. Personnel Losses (Korean War)[1]

	Infantry Divisions					
	1	2	3	4	5	6
1	Type of operation	Battle losses per division per day[2]	Battle losses per division—percentage per month[2]	Status distribution (percentage) Killed	Wounded	Missing
	Offensive:					
2	Against main enemy force	67	11.2	14 6	83.2	2.3
	Against delaying force:					
3	Organized	26	4.3	18.2	69.2	12.2
4	Partly disorganized	12	2.0	18.8	75.9	5.3
5	Against fortified hill positions	34	5.7	17.5	79.4	3.1
	Defensive:					
6	Against main enemy force	77	12.8	25.2	68.8	6.2
7	Main pressure on non-US units	35	5.8	16.1	70.6	13.2
8	Withdrawal	119	19.8	15.2	44.5	40.2
9	Positional warfare	6	1.0	18.6	75.0	6.4

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[1] Based on experience 25 June 1950 to 25 July 1953.
[2] Based on assumed average divisional strength of 18,000.

(2) *Types of battle losses as percentage of total battle losses.* Table 5–12 contains percentages for types of battle losses. Table 5–13 contains percentages for losses by branch within corps and larger units. For distribution of losses by branch within divisions, table 5–9 applies. For distribution of nonbattle losses, *d*(3) above applies.

Table 5–12. Types of Battle Losses as Percentage of Total Battle Losses

1	2	3	4
1 Battle losses	Infantry divisions (percentage)	Armored divisions (percentage)	Corps and nondivisional units (percentage)
2 Killed	16.5	18.0	16.0
3 Wounded	70.0	72.0	84.0
4 Captured and missing	13.5	10.0	(*)

*Negligible.

Table 5–13. Distribution of Battle Losses by Branch Within Corps and Larger Units in the Combat Zone as Percentage of Total Battle Losses

1	2	3
	Percentage	
1 Branch	World War II	Korean War
2 Infantry	81.9	81.1
3 Artillery	4.5	5.7
Field	(3.6)	
Air defense	(0.9)	
4 Armor	6.6	5.3
5 Corps of Engineers	3.2	7.9
6 Army Medical Service	2.8	
7 Signal Corps	0.2	
8 Quartermaster Corps	0.1	
9 Ordance Corps	0.2	
10 Transportation Corps		
11 Chemical Corps	0.3	
12 Military Police Corps	0.1	
13 Miscellaneous	0.1	

NOTE. The percentage figures given in the World War II portion of this table are the field battle loss distribution as reported through data processing unit channels, European Theater of Operations, for the period 6 June 1944 through 31 March 1945. The figure for armor combines the percentage originally reported as armored forces (2.9 percent), tank destroyer (1.4 percent), and cavalry (2.3 percent). In actual operations, the distribution of battle losses by branch varies with the composition of the force, type of operation, etc.

(3) *Example.* Calculate the number of replacements required to bring 1st Corps to authorized strength and to maintain it at that strength in combat for 15 days, assuming no nuclear losses. Given—

Unit	*Authorized strength*	*Assigned strength*
Three infantry divisions	52,419	44,780
One armored division	18,057	15,604
Corps nondivisional troops	46,101	38,322
Total corps	116,577	98,706

(a) Replacements needed now.

Authorized (116,577)—assigned (98,706) 17,871

(b) Estimated losses, 15 days.

Infantry divisions (table 5—10, line 2):
- Battle losses (1/2 × 10.0 percent × 52,419) 2,621
- Nonbattle losses (1/2 × 8.0 percent × 52,419) 2,097

Armored division (table 5—10, line 3):
- Battle losses (1/2 × 8.0 percent × 18,057) 722
- Nonbattle losses (1/2 × 7.0 percent × 18,057) 632

Corps nondivisional troops (table 5—10, line 4):
- Battle losses (1/2 × 1.25 percent × 46,101) 290
- Nonbattle losses (1/2 × 3.0 percent × 46,101) 692

Total losses for 15 days 7,054

(c) Total replacements required.

Replacements needed now 17,871
Losses for 15-day period 7,054
Total 24,925

f. Special Estimates for Airborne Operations.

(1) Personnel losses for forces conducting an airborne assault operation may be established by applying the applicable daily loss rates from table 5—14 to the assigned strength of units actually committed to the operation.

NOTE: Rates in this table are for planning purposes only. The rates for each airborne operation differ. The rates in this table are useful as a guide only or for use in practicing estimate procedures.

Table 5–14. Special Estimates for Airborne Operations

1	2	3	4	5	6	7
	First day (includes en route and in airhead) (percentage)			Succeeding days (percentage)[1]		
1 Type of operation and type of forces committed	Nonbattle loss	Battle loss	Total	Nonbattle loss	Battle loss	Total
Airborne assault operation:						
Airborne or infantry division and attached troops						
2 Assault echelon (parachute and/or assault aircraft)[2]	0.3	9.3	9.6	0.3	2	2.3
3 Followup echelon	0.3	2.5	2.8	0.3	2	2.3
4 Corps troops	0.3	1.5	1.8	0.3	1	1 3
Air-landed operation (inside secured airhead).						
5 Airborne or infantry division and attached troops (to include replacements committed to combat upon arrival) [3]	0.3	4.3	4.6	0.3	2	2.3
6 Corps troops	0.3	1.5	1.8	0 3	1	1.3

[1]Upon linkup or when forces in the objectives area are firmly established, rates and methods given in *d* or *e* above for an infantry division are applicable.

[2]For planning purposes and in the absence of experience factors, casualty figures for air-landed assault forces are assumed to be the same as for parachute assault forces.

[3]If not committed to combat, assess losses as for corps troops.

(2) *Example.* Calculate the number of nonnuclear losses that will be sustained by the 102d Abn Div on D-day and D+1. Takeoff times and H-hour are on D-day. Computations for followup echelon are omitted from this example. Strength of the division (13,484) is echeloned as follows:

Unit	*Strength*
Assault echelon	11,571
Followup echelon	868
Rear echelon	1,045
Airhead—first day (table 5—14, line 2, colm 4):	
Assault echelon (11,571 X 9.6 percent)	1,111
Airhead—second day (table 5—14, line 2, colm 7):	
Assault echelon (11, 571 — 1,111 X 2.3 percent)	241
Total losses D-day and D+1	1,352

g. Special Estimates for Amphibious Operations.

(1) Nonnuclear personnel losses for amphibious forces establishing a beachhead may be estimated by applying the applicable daily loss rates from table 5—15 to the assigned strength of units actually committed in the beachhead or en route thereto.

NOTE: Rates in this table are for planning purposes only. The rates for each amphibious operation differ. The rates in this table are for use as a guide only or for use in practicing estimate procedures.

(2) The amount and the type of reinforcement required by divisions making amphibious landings differ for each operation because the force must organize to fit the mission, the area of operations, the lift available, and the enemy situation.

(3) *Example.* Calculate the total of nonnuclear losses that will be sustained during an amphibious operation by 1st Corps on D—1, D-day, and D+1. Computations are tabulated in table 5—16.

Unit	*Assigned strength*
1st Inf Div	15,606
2d Inf Div	15,606
3d Inf Div	15,606
Nondivisional troops, assault echelon	22,632
Nondivisional troops, followup echelon	36,415
Total 1st Corps	105,865

1st Corps will sail at assigned strength. On D-day the 1st and 2d Inf Divs will assault the beach in a helicopter and waterborne assault. The 3d Inf Div and nondivisional troops in the followup echelon will land on D+1.

Table 5–15. Special Estimates for Amphibious Operations

1	1 Force	2 Phase I—Forces enroute: Daily at sea[1] Nonbattle and battle loss (percentage)	3 Phase I—Forces enroute: Landing Battle loss (percentage)	4 Phase II—Forces in beachhead: First day Nonbattle loss (percentage)	5 First day Battle loss (percentage)	6 First day Total (percentage)[3]	7 Succeeding days[2] Nonbattle loss (percentage)	8 Succeeding days[2] Battle loss (percentage)	9 Succeeding days[2] Total (percentage)
	Assault forces:[4]								
2	Divisions and attached troops	0.5	1.3	0.3	5.3	5.6	0.3	1.5	1.8
3	Corps troops	0.5	1.0	0.3	3.0	3.3	0.3	1.0	1.3
	Followup forces:[5]								
4	Divisions and attached troops	0.5	0.5	--	--	--	0.3	1.5	1.8
5	Corps troops	0.5	0.5	--	--	--	0.3	1.0	1.3

[1]Rates in this column include both battle and nonbattle losses en route and are distributed by arm or service in the same proportion to the total losses as the strength of each arm or service is to the strength of the total force being transported.

[2]After beachhead is secure and forces are building up for the breakout (phase III), the rates and methods given in table 5–7 or tables 5–9 and 5–10 apply. The rates in this table apply only until the beachhead is firmly established.

[3]Losses are distributed as given in *d*(3) above for nonbattle losses; table 5–8 or table 5–12 above for battle losses by arm or service; table 5–11 above for battle losses by category (killed, wounded, captured, and missing).

[4]Assault forces in this table are those units who make their landing in the face of enemy opposition at or near the beachhead. For purposes of computing total division rates, the assumption is that an assault division lands one brigade by helicopter behind the beaches and one brigade over the beaches, followed by the reserve brigade and the remainder of the division.

[5]Followup forces in this table include those landing over beaches secured by other friendly forces.

(a) D—1 (losses at sea):

1. Assault divisions.

31,212 × 0.5 percent (table 5—15, line 2, colm 2) 156

2. Nondivisional assault troops.

22,632 × 0.5 percent (table 5—15, line 3, colm 2) 113

3. Followup division.

15,606 × 0.5 percent (table 5—15, line 4, colm 2) 78

4. Nondivisional followup troops.

36,415 × 0.5 percent (table 5—15, line 5, colm 2) 182

5. Total 1st Corps D—1 losses.

1 + 2 + 3 + 4 529

(b) D-day:

1. Assault landings:

(a) *Assault divisions.*

(31,212 − 156) × 1.3 percent (table 5—15, line 2, colm 3) 404

(b) *Nondivisional assault troops.*

(22,632 − 113) × 1.0 percent (table 5—15, line 3, colm 3) 225

2. Nonbattle losses.

(a) *Assault divisions.*

(31,212 − 156 − 404) × 0.3 percent (table 5—15, line 2, colm 4) 92

(b) *Nondivisional assault troops.*

(22,632 − 113 − 225) × 0.3 percent (table 5—15, line 3, colm 4) 67

3. Battle losses (forces in beachhead).

(a) *Assault divisions.*

(31,212 − 156 − 404) × 5.3 percent (table 5—15, line 2, colm 5) 1,624

(b) *Nondivisional assault troops.*

(22,632 − 113 − 225) × 3.0 percent (table 5—15, line 3, colm 5) 669

4. Losses at sea.

(a) *Followup division.*

(15,606 − 78) × 0.5 percent (table 5—15, line 4, colm 2) 78

(b) *Nondivisional followup troops.*

(36,415 − 182) × 0.5 percent (table 5—15, line 5, colm 2) 181

5. Total 1st Corps D-day losses.

1 + 2 + 3 + 4 3,340

(c) D+1:

1. *Landing losses.*

(a) *Followup division.*

(15,606 − 78 − 78) × 0.5 percent (table 5—15, line 4, colm 3) 77

(b) *Nondivisional followup troops.*

(36,415 − 182 − 181) × 0.5 percent (table 5—15, line 5, colm 3) 180

2. *Beachhead losses.*

(a) *Assault divisions.*

(31,212 − 156 − 404 − 92 − 1,624) × 1.8 percent (table 5—15, line 2, colm 9) 521

(b) *Nondivisional assault troops.*

(22,632 − 113 − 225 − 67 − 669) × 1.3 percent (table 5—15, line 3, colm 9) .. 280

(c) *Followup division.*

(15,606 − 78 − 78 − 77) × 1.8 percent (table 5—15, line 4, colm 9) 277

(d) *Nondivisional followup troops.*

(36,415 − 182 − 180) × 1.3 percent (table 5—15, line 5, colm 9) 469

3. *Total 1st Corps D+1 losses.*

1 + 2 1,804

Table 5—16. Worksheet Form—Personnel Loss Estimates—Amphibious Operations

1	Forces	2	3	4	5	6	7	8	9	10
		D − 1			D-day			D + 1		
		Rate (percentage)	Strength	Losses	Rate (percentage)	Strength	Losses	Rate (percentage)	Strength	Losses
	Phase I—force at sea.									
2	Assault divisions	0.5	31,212	156	--	--	--	--	--	--
3	Nondivisional assault troops	0.5	22,632	113	--	--	--	--	--	--
4	Followup division	0.5	15,606	78	0.5	15,528	78	--	--	--
5	Nondivisional followup troops	0.5	36,415	182	0.5	36,233	181	--	--	--
	Landing:									
6	Assault divisions	--	--	--	1.3	31,056	404	--	--	--
7	Nondivisional assault troops	--	--	--	1.0	22,519	225	--	--	--
8	Followup division	--	--	--	--	--	--	0.5	15,450	77
9	Nondivisional followup troops	--	--	--	--	--	--	0.5	36,032	180
10	Total—phase I	--	--	529	--	--	888	--	--	257
	Phase II—forces in beachhead:									
	Assault divisions:									
11	Nonbattle losses	--	--	--	0.3	30,652	92	1.8	28,936	521
12	Battle losses	--	--	--	5.3	30,652	1,624			
	Nondivisional assault troops:									
13	Nonbattle losses	--	--	--	0.3	22,294	67	1.3	21,558	280
14	Battle losses	--	--	--	3.0	22,294	669			
15	Followup division	--	--	--	--	--	--	1.8	15,373	277
16	Nondivisional followup troops	--	--	--	--	--	--	1.3	35,872	489
17	Total—phase II	--	--	--	--	--	3,340	--	--	1,804

5—13. COMMZ Estimates

a. In estimating the nonnuclear gross losses for all ground troops in the COMMZ, battle losses are considered negligible, and nonbattle losses are calculated at 0.5 percent per month. Arm or service distribution is determined by applying this nonbattle loss percentage to the strength of each arm or service in the command considered. When air superiority is lacking, the theater army planner must develop battle loss rates. Experience data for such rates do not exist.

b. Before a planner can estimate losses to nuclear weapons, he needs certain information on enemy capabilities (para 5—13). If he cannot obtain specific information, he makes assumptions. By applying target analysis methods to selected critical target areas, he can evolve a basis for estimating nuclear losses. (See FM 101—10—3.)

5—14. Theater Estimates—Nonnuclear

a. General. The wide range of nonnuclear loss rates pertinent to potential US Army areas

Table 5–17. Theater Losses

1	1 Type of loss	2 Gross loss	3 Net losses (by evacuation policy) 15 days	4 30 days	5 60 days	6 90 days	7 120 days	8 150 days	9 180 days
2	Sick/disease and nonbattle accident/injuries	1.62	0.61	0.28	0.15	0.11	0.08	0.05	0.05
3	Battle casualties	0.78	0.69	0.60	0.47	0.41	0.37	0.35	0 33
4	Killed	(0.14)	(0.14)	(0.14)	(0.14)	(0.14)	(0.14)	(0.14)	(0.14)
5	Wounded/injured in action	(0.55)	(0.46)	(0.37)	(0.24)	(0.18)	(0.14)	(0 12)	(0.10)
6	Captured and missing in action	(0.09)	(0.09)	(0.09)	(0 09)	(0.09)	(0.09)	(0 09)	(0.09)

Note. Factors expressed as number per 1,000 strength per day.

of operation makes infeasible the presentation of a single set of loss factors for worldwide application. Table 5—17 illustrates what can be done in formulating a theater-level estimating tool using the admission to hospital rates shown in paragraphs 5—16 through 5—20. This table is designed for rough, quick estimates only and not as a substitute for factors carefully chosen to fit the specific assumptions and conditions of a particular operation plan. Nonbattle dead and missing are considered negligible for purposes of this estimate. (See FM 101—10—3 for theater estimates—nuclear.)

b. Estimation of Losses. Losses may be estimated by using table 5—17 or by—

(1) Determining battle casualty and nonbattle casualty losses of combat zone troops (para 5—14):

(a) Divisional.
(b) Nondivisional.

(2) Determining nonbattle accident/injury for troops in the COMMZ (para 5—13).

(3) Adding (1) and (2) above.

Section IV. EVACUATION AND HOSPITALIZATION

5–15. Theater Evacuation Policy

The evacuation policy is a reflection of the total patient population and its overall management. It is not, per se, a substitute for clinical judgment in the management of the individual patient.

a. Evacuation policies are primarily used for patient management and medical resource allocation planning. They will have direct impact on—

(1) The number and type of medical units in the combat zone and the COMMZ.

(2) Medical materiel.

(3) Hospital construction and engineer support.

(4) Volume and type of transportation.

(5) Theater personnel replacement requirements.

(6) The number of hospital beds required in CONUS to support the overseas theater. The shorter the theater patient evacuation policy, the fewer the hospitals in the theater, and the greater the number of beds required in CONUS. A longer theater patient evacuation policy will increase the number of hospital beds in the theater and decrease the CONUS requirements.

b. The theater evacuation policy is established by the Secretary of Defense, with the advice of the Joint Chiefs of Staff (JCS), and upon the recommendation of the theater commander. The policy establishes, in number of days, the maximum period of noneffectiveness that patients may be held within the theater for treatment. The policy does not mean that a patient is necessarily held in the theater for the entire period. Any patient who is not expected to be returned to duty within the number of days prescribed by the theater evacuation policy is evacuated as soon as medical officers determine that the patient's medical condition permits it.

c. The time period stated in the theater evacuation policy begins on the date the patient is admitted to the first hospital (combat zone or COMMZ). The total time a patient is hospitalized in the theater for a single uninterrupted episode of illness/injury should not exceed the number of days stated in the theater evacuation policy.

Example: A theater evacuation policy of 60 days does not mean that a patient is held in the theater for 59 days and then removed. Instead it means that a patient will be evacuated as soon as a determination is made that the patient cannot be returned to duty within 60 days following admission. Though guided by the evacuation policy, the actual selection of a patient for evacuation will be based on clinical judgment.

5–16. Intratheater Evacuation Policy

a. The intratheater evacuation policy is a means of patient control whereby a short-term patient is retained for treatment and returned to duty as far forward in the combat zone as his condition and available treatment capabilities permit. This policy is flexible and changes as the tactical situation shifts in order to insure that combat zone hospitals retain deployability, responsiveness, and the capability to accommodate anticipated increases of patients. The policy is established by the theater army command upon recommendation of the theater army surgeon, and establishes, in number of days, that portion of the theater evacuation policy within which a patient may be held for treatment in a noneffective status in the combat zone.

b. During slow moving or stabilized situations, when patients are received at a rather constant rate, those who do not require specialized treatment in COMMZ general hospitals may be retained in the combat zone for longer periods.

c. When increased patient loads are anticipated, the intratheater evacuation policy must be adjusted to make available as many beds as possible for both the current and potential needs. As a result, a larger number of combat zone hospital patients will be evacuated to the COMMZ system (or returned to duty) much earlier than under average conditions. Intra-

theater evacuation policies may differ among the hospitals in the combat zone, depending on their location, facilities, staffs, and the types of patients being received. The displacement of hospitals temporarily reduces the number of beds available and may result in a greater number of patients being evacuated during the period of redeployment.

5–17. Impact of Theater Evacuation Policy on Health Service Support Requirements

a. The number and types of medical treatment units in both the combat zone and COMMZ will be affected. A short intratheater evacuation policy coupled with a long intertheater evacuation policy will require fewer combat zone hospitalization units and more COMMZ-type hospital facilities. A long theater evacuation policy within a theater results in a greater accumulation of patients and a demand for a larger medical force structure.

b. The longer the theater evacuation policy, the greater the demand for medical materiel and maintenance support.

c. Hospital construction and all aspects of medical base development will be affected. A long theater evacuation policy requires the establishment (construction) of a large number of hospitals. The number of man-hours and construction materials required must be considered regardless of the prescribed type of construction.

d. Evacuation requirements will be affected. A short theater evacuation policy would have the following impact:

(1) Greater demand for intra- and intertheater Air Force evacuation resources.

(2) Greater intratheater surface transportation (ambulance) requirements. A short intratheater evacuation policy would have the same effect when applied to the combat zone.

e. Patients returned to duty within the theater will be affected. A long theater evacuation policy provides for a greater proportion of patients to be returned to duty within the theater, and thus reduces the loss of experienced manpower.

f. Replacement requirements will vary. A short evacuation policy will increase the requirements for replacements in order to meet the rapid personnel turnover which could be expected, especially in combat units. The impact this would have on both intra- and intertheater transportation and other requirements must also be considered.

g. The number of hospital beds required in CONUS to support the theater of operations will vary. With a shorter theater evacuation policy, fewer hospital beds will be required in the theater and a greater number of beds will be required in CONUS. A longer theater evacuation policy will increase the number of hospital beds in the theater and decrease CONUS requirements. Whenever a health service support requirement is reduced in a specific area (combat zone or COMMZ), it must be added to some other area. A patient requiring 59 days of hospitalization also requires a bed and a medical staff for 59 days, whether the entire period is spent in the theater or divided between 29 days in the theater and 30 days in COMMZ. The most intensive and demanding medical requirements are experienced during the admission, initial patient workup, and the resuscitative phase of patient care, which still remains a theater responsibility, regardless of the theater evacuation policy.

5–18. Factors Determining the Evacuation Policy

a. Nature of Tactical Operations. A major factor is the nature of the tactical operations. Will it be a short-duration operation of small magnitude, or will it be of long duration? Will nuclear, chemical, or biological weapons be employed? Will only conventional weapons be used?

b. Number/Types of Patients. Another factor affecting evacuation policy is the number and types of patients anticipated. Admission rates vary widely in different geographical areas of the world, as well as in different types of military operations.

c. Evacuation Means. The means available for evacuation of patients from the theater of operations to CONUS is a major consideration.

A longer evacuation policy would be required in the theater of operations, if there were not enough transportation means available to meet out of theater patient evacuation needs.

d. Availability of Replacements. In determining an evacuation policy, an important consideration is the capability of CONUS to furnish replacements to the theater. For each patient who is evacuated from the theater to CONUS, a fully trained and equipped replacement must be provided. During a small-scale conflict overseas, CONUS replacement capability would be much greater when compared with a large-scale conflict such as World War II.

5–19. Classification of Patients

a. Not all casualties or battle losses are patients. Patients are those personnel receiving care in a medical treatment facility or who have been excused from duty for medical reasons. For the purpose of this discussion, however, the term patients means only those personnel who have been *admitted to hospitals* and who cannot be returned to duty within the calendar day of admission.

b. In making estimates of patients or in computing hospital bed requirements, patients usually are classified by cause of disability into disease nonbattle injury (DNBI) and wounded in action (WIA). The later group falls in the category of battle losses.

c. In calculating evacuation requirements, patients may be classified by—

(1) Severity of disability; i.e., *ambulatory* and *litter* patients.

(2) Suitability for evacuation; i.e., *evacuable* and *nontransportable* patients.

(3) Suitability for evacuation by *air.*

5–20. Disease and Nonbattle Injuries

For periods of over a year or more, DNBI admission rates for troops in an overseas theater may be expected to range between one and three per thousand troops, depending on region of the world; however, at certain seasons of the year, without epidemics, this rate may reach five or even more per thousand troops without constituting an epidemic. For division-level planning, one-third of all personnel *excused from duty* for reasons of sickness/disease or nonbattle accidents/injuries may be expected to complete treatment at battalion aid stations or division clearing stations, *if there is no interference with the primary mission of reception, treatment, and evacuation.* The remaining two-thirds of these personnel will become hospital admissions.

5–21. Wounded in Action

a. In estimating battle injuries and wounds, many variable factors must be considered. These include types of troops, their location in the theater, their acclimatization, types of engagement, morale, and enemy capabilities. For this reason all troops in a theater should be separated into groups having approximately the same casualty rate. Patients should be computed separately for each of these groups on the basis of their numerical strength. For example, in a given theater, the troops may be grouped into combat divisions, corps troops, and troops in the COMMZ. Each group will have a different WIA rate, and the total patients in the theater will depend on the relative strength of each group.

b. In estimating WIA patients in a corps, an estimate based on combat divisions engaged is usually the most accurate. As a crude estimate for division-level planning, nine-tenths of all personnel *excused from duty* for reasons of battle injuries and wounds will become hospital admissions.

c. The number of battle injuries and wounds among COMMZ troops, except in special situations, has been negligible in the past. However, in future warfare the possible use of more sophisticated conventional and NBC weapons in rear areas must be considered in estimating anticipated patient workloads.

5–22. Statistics

Table 5–18 below indicates estimated hospital admission rates for several geographical areas based on World War II, the Korean conflict, the Vietnam experience, and subsequent study of the world health situation. These rates should be used only as a basis for planning gross theater health service support. Each rate represents a

first-year experience typical of the area involved. (When data are aggregated for greater or lesser periods, the same experience source produces significantly different rates.) The medical planner must modify these rates, using the latest pertinent medical intelligence data, and consider their historical bases before he applies them in developing health service support workloads and bed requirements for a specific plan or type of combat action. Paragraph 5—31 contains additional considerations and patient admission rates.

*Table 5–18. Rate of Admissions to Hospitals Per 1,000 Strength Per Day**

	1	2	3
1	Area	Disease and non-battle injuries	Wounded in action
2	North America	1.36	0.55
3	Europe	1.62	0.55
4	Northeast Asia	2.07	0.37
5	Southeast Asia	0.60	0.20
6	Africa	2.87	0.37
7	Middle East	1.96	0.37
8	South America	1.72	0.37

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*In using experience factors from theaters of operation, remember that WIA rates are not primarily related to geography. In using such rates for planning, the theater must be considered from the standpoint of the type of combat, size and organization of forces, and weapon employment.

5—23. Definitions Used In Estimating Hospital Bed Requirements

a. Levels of Hospitalization. For the methodology described here, the levels of hospitalization include the combat zone, the COMMZ, and the CONUS. The combat zone and the COMMZ levels of hospitalization are considered in combination as the theater of operations level. Likewise all theaters of operation, combined with the CONUS, constitute the total (worldwide) hospitalization system.

b. Evacuation Policy. See JCS Pub 3, AR 310—25, and paragraph 5—15. Evacuation policy indicates the maximum number of days a patient may be hospitalized for a single period of illness or injury, at a specific level of hospitalization. The number of days specified for a level of hospitalization *includes the days at lower levels.*

c. Period of Estimate. Consecutive intervals of time usually measured from the beginning of operations.

d. Admission. A patient's initial entry anywhere into the theaterwide hospitalization system for a single incident of illness or injury.

e. Admission Rate. For a specified portion of the population served and specified period(s), the average daily number of admissions per 1,000 average daily strength is compared. Separate admission rates are always provided for WIA and NBI. See paragraph 5—31 and table 5—29 for admission rates for use in medical planning.

f. Accumulation Factors. Assuming one admission per day during a period of estimate and none thereafter, the expected number of patients remaining (occupying beds) at a particular level of hospitalization *at the end of* successive periods. Equivalently, for patients admitted on the first day of a period, the average number of hospital days spent at a particular level *during* successive time periods. Accumulation factors are given for each patient type and for various evacuation policy progressions.

g. Disposition (Either Final or Intermediate). Final dispositions are return to duty (RTD), died in hospital (DIH), and disability separation (DS). The latter occurs only in CONUS. The intermediate disposition is evacuation (evac) to the next level of hospitalization.

h. Disposition Factors. Assuming one admission per day during a period of estimate and none thereafter, the expected number of patients receiving a particular disposition from a particular level of hospitalization *during* successive periods. Disposition factors are given for each patient type, for each disposition type, and for various evacuation policy progressions.

i. Dispersion Allowance. The percentage of all hospital beds in a level of hospitalization that remain empty to allow for necessary patient dispersion and hospital flexibility.

j. Dispersion Factor. Equals 100 percent ÷ 100 percent minus the dispersion allowance. When multiplied by the estimated number of patients remaining, it yields the number of beds required to provide necessary dispersion. Corre-

sponding to dispersion allowance of 25 and 20 percent, dispersion factors are 1.33 and 1.25, respectively.

5–24. Methodology for the Combat Zone. (See example computation in table 5–19.)
NOTE: The methodology as presented here is better suited to computer applications; however, with the aid of a desk calculator it can be applied manually.

a. Categorize combat zone population according to expected admission experience.

b. Perform steps *c* through *g* below for WIA patients and then again, for DNBI patients.

c. Obtain total average daily combat zone admissions for the current period of estimate by multiplying the average daily strength (in thousands) of each category of population by the corresponding admission rate and then by summing the results for all population categories.

d. First, note that period of estimate numbered "1" in table 5–19 corresponds to the current period of estimate. Locate the appropriate column of accumulation factors in table 5–20 by noting the combat zone evacuation policy progression that begins in the current period.

*Table 5–19. Computations of Combat Zone Bed Requirements**

AVERAGE DAILY ADMISSIONS					ACCUMULATION FACTORS FOR SUCCESSIVE PERIODS				PATIENTS REMAINING AT END OF SUCCESSIVE PERIODS			
Patient type	Current pd	Div	NonDiv	Total	1	2	3	4	1	2	3	4
WIA	1	58.82	24.48	83.30	3.1063	0	0	0	258.75	0	0	0
	2	133.96	51.80	185.76		6.6306	0	0		1,231.70	0	0
	3	235.28	102.00	337.28			6.6306	0			2,236.36	0
	4	217.60	107.52	325.12				6.6306				2,155.74
DNBI	1	58.48	61.20	119.68	2.7768	0	0	0	332.32	0	0	0
	2	119.68	120.40	240.08		6.1563	0	0		1,478.00	0	0
	3	233.92	255.00	488.92			6.1563	0			3,009.93	0
	4	231.20	282.24	513.44				6.1563				3,160.89
All Patients remaining in combat zone:									591.07	2,709.70	5,246.29	5,316.63
Combat zone dispersion factor:									× 1.25	× 1.25	× 1.25	× 1.25
Combat zone bed requirements at end of each 30 day period									739	3,387	6,458	6,546

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*Appropriate accumulation factors are obtained from table 5–20.

Table 5–20. Accumulation and Disposition Factors, Combat Zone[1]

		WOUNDED IN ACTION (WIA)				DISEASE/NONBATTLE INJURIES (DNBI)			
Period[2] of estimate	Evacuation policy	Accumulation[3]	Rtn to duty[4]	Died in hospitals[5]	Evacuated[6]	Accumulation[3]	Rtn to duty[4]	Died in hospitals[5]	Evacuated[6]
1	5	2 0265	9736	3243	26 6756	1 7676	5 7175	0370	22 4779
2	5	0	1034	0177	1 9054	0	.5825	0020	1 1831
1	7	3 1063	1 6371	3560	24 9006	2 7768	8 6334	0419	18 5479
2	7	0	2524	0250	2 8284	0	1 2336	0031	1 5401
1	10	4 7076	2 4207	3850	22 4867	4 2450	11 9923	0463	13 7164
2	10	0	5373	0350	4 1353	0	2 4287	0047	1 8116
1	15	6 6306	3 3581	4053	19 6060	6 1563	14 5346	0481	9 2610
2	15	0	1 1599	0477	5 4230	0	4 0714	0059	2 0790
1	5	2 0265	.9736	3243	26 6756	1 7676	5 7175	0370	22 4779
2	10	0	2288	0229	1 7748	0	9886	0026	7764
1	7	3.1063	1.6371	3560	26 9006	2 7768	8 6334	0419	18 5479
2	15	0	5210	0323	2 5530	0	1 9036	0038	8694
1	10	4 7076	2 4207	3850	22 4867	4 2450	11 9923	0463	13 7164
2	15	0	7796	0401	3 8879	0	2 9169	0050	1 3230
1	10	4.7076	2 4207	.3850	22 4867	4.2450	11 9923	0463	13 7164
2	5	0	1034	0177	4 5865	0	5825	0020	3 6605
1	15	6 6306	3 3581	4053	19 6060	6.1563	14 5346	0481	9 2610
2	7	0	2529	0250	6 3527	0	1 2336	0031	4 9196
1	15	6 6306	3 3581	4053	19 6060	6 1563	14.5346	0481	9 2610
2	10	0	5393	0350	6 0583	0	2 4287	0047	3 7229

[1]Based on the assumption of one admission per day of the specified type during the first period of estimate and none thereafter. Derived from the complete hospitalization and evacuation experience of all US Army WIA and DNBI patients admitted to hospitals in the Korean conflict and all US Army DNBI cases admitted to hospitals in any overseas area during the same period.
[2]Thirty (30) days each.
[3]Accumulation of patients at end of period.
[4]Returns to duty during the period.
[5]Deaths in hospitals during the period.
[6]Patient evacuations during the period.

e. Obtain the estimate of current period admissions that are still remaining in combat zone hospitals at the end of the *current* period by multiplying the first accumulation factor by the total average daily admissions in the current period. Obtain the estimate of current period admissions that are still remaining in combat zone hospitals at the end of the *next* period by multiplying the *second* accumulation factor by the total average daily admissions in the current period. Continue this process for patients remaining at the end of subsequent periods until all non-zero accumulation factors have been used.

f. Accumulate *current period* admissions that are still remaining in combat zone hospitals at the end of the various periods of the estimate with *all previous* admissions still remaining at the end of the corresponding periods. Note that DNBI results, as they are obtained, should be aggregated here with WIA results.

g. Obtain the combat zone bed requirement for each period of estimate as follows: Multiply the final patient remaining figures of step *g* above by the combat zone dispersion factor. (Table 5–21.)

Table 5–21. Dispersion Allowance/Factors

Dispersion allowance (percentage)	*Dispersion factor*
5	1.05
10	1.11
15	1.18
20	1.25
25	1.33
30	1.43
35	1.54
40	1.67
45	1.82
50	2.00

5–25. Methodology for a COMMZ

a. Categorize *theater* population according to expected admission experience. Note that categories have already been developed for that portion of the theater's population residing in the combat zone (para 5–24*a*).

b. Perform steps *c* through *g* below for WIA patients and then begin again, for DNBI patients.

c. Perform steps *d* through *g* below for each period of estimate, in turn, beginning with the first. Denote that particular period for which these steps are being performed as the current period.

d. Obtain total average-daily theater admissions for the current period of estimate by multiplying the average-daily strength (in thousands) of each category of population by the corresponding admission rate and then by summing the results for all population categories. Note that a theater subtotal (the combat zone total) has already been obtained (para 5–24*d*).

e. First, note that periods of estimate numbered "1" in table 5–22 correspond to the current period of estimate. Locate the appropriate column of accumulation factors in table 5–23 by noting the *theater* evacuation policy progression that begins in the current period.

f. Obtain the estimate of current period admissions that are still remaining in *theater* hospitals at the end of the *current* period by multiplying the *first* accumulation factor by the *theater's* total average daily admissions in the current period. Obtain the estimate of current period admissions that are still remaining in theater hospitals at the end of the next period by multiplying the *second* accumulation factor by the theater's total average daily admissions in the current period. Continue this process for patients remaining at the end of subsequent periods until all non-zero accumulation factors have been issued.

g. Accumulate *current period* admissions that are still remaining in *theater* hospitals at the end of the various periods of estimate with all *previous* admissions still remaining at the end of corresponding periods. Note that DNBI results, as they are obtained, should be aggregated here with WIA results.

h. Obtain total patients remaining in COMMZ hospitals at the end of each period of estimate as follows: for each period, subtract patients remaining in the combat zone from all patients remaining in the theater; i.e., subtract the final results of paragraph 5–24*g* from the corresponding results of step *g* above.

i. Obtain the *COMMZ* bed requirements for each period of estimate as follows: multiply the results of step *h* above by the COMMZ dispersion factor.

*Table 5–22. Computation of Communication Zone Bed Requirements**

Theater Average Daily Admissions					Theater Accumulation Fectors for Successive Periods				Patients Remaining in Theater et End of Successive Periods			
Petient type	Current pd	Combat zone	COMMZ	Total	1	2	3	4	1	2	3	4
WIA	1	83.30	2.80	86.10	9.5249	0	0	0	820.09	0	0	0
	2	185.76	4.48	190.24		15.0607	2.6179	0		2,865.14	498.02	0
	3	337.28	11.20	348.48			20.5087	4.4283			7,146.87	1,543.17
	4	325.12	13.44	338.56				20.5087				6,943.42
DN8I	1	119.68	33.60	153.28	7.4828	0	0	0	1,146.96	0	0	0
	2	240.08	53.76	293.84		10.8494	0.9543	0		3,187.98	280.41	0
	3	488.92	134.40	623.32			12.9982	1.6680			8,102.03	1,039.64
	4	513.44	161.28	674.72				12.9982				8,770.14
All petients remaining in theater:									1,967.05	6,053.12	16,027.33	13,296.42
All patients remaining in the combat zone:									−591.07	−2,709.70	−5,246.29	−5,316.63
All patients remaining in the communications zone:									1,375.98	3,343.42	10,781.04	12,979.79
Dispersion Factor (COMMZ):									× 1.25	× 1.25	× 1.25	× 1.25
COMMZ bed requirements at end of each 30-day period:									1,719.98	4,179.28	13,476.30	16,224.74

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*Appropriate *theater* accumulation factors ere obtained from teble 5–23. The computation ends at this point, unless computing the number of patients to be evacuated from the COMMZ.

Table 5–23. Accumulation and Disposition Factors, Theater

Period[2] of estimate	Evacuation policy	THEATER ACCUMULATION AND DISPOSITION FACTORS[1]							
		WOUNDED IN ACTION (WIA)				DISEASE/NON8ATTLE INJURIES (DN8I)			
		Accumulation[3]	Rtn to duty[4]	Died in hospitals[5]	Evacuated[6]	Accumulation[3]	Rtn to duty[4]	Died in hospitals[5]	Evacuated[6]
1	15	9.5249	3.3581	.4053	16.7117	7.4828	14.5346	.0481	7.9345
2	15	0	1.1599	.0477	8.3173	0	4.0714	.0059	3.4055
1	30	15.0607	4.6585	.4146	9.8662	10.8494	16.6175	.0493	2.9108
2	30	0	4.5875	.0684	10.4048	0	7.6175	.0077	3.2242
1	60	20.5087	4.6585	.4146	4.4152	12.9982	16.1905	.0493	.7620
2	60	4.4283	8.5607	.0763	7.4434	1.6680	9.5856	.0108	1.7338
3	60	0	3.0858	.0971	1.3354	0	1.2479	.0029	.4172
1	15	9.5249	3.3581	.4053	16.7117	7.4828	14.5346	.0481	7.9345
2	30	0	2.7310	.0377	6.7362	0	5.6336	.0088	1.8424
1	15	9.5249	3.3581	.4053	16.7117	7.4828	14.5346	.0481	7.9345
2	60	1.8227	3.9242	.0597	3.7184	.6372	6.1329	.0076	.7051
3	60	0	1.1526	.0030	.6671	0	.4665	.0010	.1697
1	30	15.0607	4.6585	.4146	9.8662	10.8494	16.1905	.0493	2.9108
2	60	2.6179	6.6269	.0725	5.7434	.9543	8.6518	.0093	1.2340
3	60	0	1.5839	.0036	1.0304	0	.6658	.0015	.2969
1	30	15.0607	4.6585	.4146	9.8662	10.8494	16.1905	.0491	2.9108
2	15	0	1.1599	.0477	13.8531	0	4.0714	.0059	6.7721
1	60	20.5087	4.6585	.4146	4.4182	12.9982	16.1905	.0493	.7620
2	15	0	1.1599	.0477	19.3011	0	4.0714	.0059	8.9209
1	60	20.5087	4.6585	.4146	4.4182	12.9982	16.1905	.0493	.7620
2	30	0	4.5875	.0684	15.8528	0	7.6175	.0077	5.3730

[1]Based on the assumption of one admission per day of the specified type during the first period of estimate end none thereafter. Derived from the complete hospitalization and evacuation experience of all US Army WIA end DN8I patients edmitted to hospitals in the Korean conflict and all US Army DN8I patients admitted to hospitels in eny oversees area during the seme period.

[2]Thirty (30) days each.

[3]Accumulation of patients at end of period.

[4]Returns to duty during the period.

[5]Deaths in hospitals during the period.

[6]Patient evacuations during the period.

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5–26. Methodology for the CONUS. (See example computation in table 5–24.)

a. Categorize total hospitalization system population served according to expected admission experience. Note that categories have already been developed for that portion of the system's population residing in theaters (para 5–25*a*). Normally, a medical planner is only concerned with computing those CONUS requirements generated by operations in a particular theater. In such cases, assume there is no population to be served that resides outside the theater of interest.

b. Perform steps *d* through *g* below for WIA patients and then again for DNBI patients.

c. Perform steps *d* through *g* below for each period of estimate, in turn, beginning with the first. Denote that particular period for which these steps are being performed as the *current* period.

d. Obtain total average daily worldwide system admissions for the current period of estimate by multiplying the average daily strength (in thousands) of each category of population by the corresponding admission rate and then, by summing the results for all population categories. Note that worldwide system subtotals (theater totals) have already been obtained (para 5–25*d*).

e. Note that the period of estimate numbered "1" in table 5–24 corresponds to the current period of estimate. Since an evacuation policy is not applicable to the total hospitalization system, table 5–25 need only provide a single column of accumulation factors for each patient type.

f. Obtain the estimate of current period admissions that are still remaining in hospitals anywhere at the end of the current period by multiplying the *first* accumulation factor by the *worldwide system's* total average daily admissions in the current period. Obtain the estimate of current period admissions still remaining in hospitals anywhere at the end of the *next* period by multiplying the *second* accumulation factor by the worldwide system's total average daily admissions in the current period. Continue this process for patients remaining at the end of all subsequent periods.

g. Accumulate *current period* admissions still remaining in hospitals *anywhere* at the end of the various periods of estimate with all previous admissions still remaining at the end of the corresponding periods. Note that DNBI results, as they are obtained, should be aggregated here with WIA results.

h. Obtain the total patients remaining in *CONUS* hospitals at the end of each period of estimate as follows: for each period, subtract patients remaining in theaters from all patients remaining anywhere; i.e., subtract the final results of paragraph 5–25*g* from the corresponding results of step *g* above.

*Table 5–24. Computation of CONUS Bed Requirements**

TOTAL SYSTEM AVERAGE DAILY ADMISSIONS					TOTAL SYSTEM ACCUMULATION FACTORS FOR SUCCESSIVE PERIODS				PATIENTS REMAINING ANYWHERE AT END OF SUCCESSIVE PERIODS			
Patient type	Current pd	Theater	CONUS	Total	1	2	3	4	1	2	3	4
WIA	1	86.10	0	86.10	24.9269	16.2899	11.1763	8.5651	2,146.20	1,402.56	962.27	737.45
	2	190.24	0	190.24		24.9269	16.2899	11.1763		4,742.09	3,098.99	2,126.17
	3	348.48	0	348.48			24.9269	16.2899			8,686.52	5,876.70
	4	338.56	0	338.56				24.9269				8,439.25
DNBI	1	153.28	0	153.28	13.7602	4.1615	2.1701	1.3283	2,109.16	637.87	332.63	203 60
	2	293.84	0	293.84		13.7602	4.1615	2.1701		4,043.29	1,222.81	637.66
	3	623.32	0	623.32			13.7602	4.1615			8,577.00	2,593.94
	4	674.72	0	674.72				13.7602				9,284.28
All patients remaining anywhere									4,255.36	10,825.81	22,880 22	29,699.05
All patients remaining in theater:									1,967.05	6,053.12	16,027.33	18,296 42
All patients remaining in CONUS									2,288.31	4,772.69	6,852.89	11,402.63
CONUS dispersion factor:									x 1.25	x 1.25	x 1.25	x 1 25
CONUS bed requirements at end of each 30 day period									2,860	5,966	8,566	14,253

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*Appropriate total system accumulation factors are obtained from table 5–25. The total computation ends at this point, unless computing the number of disability separations in CONUS.

Table 5–25. Accumulation and Disposition Factors, Total Hospitalization System

Period of[2] estimate	TOTAL HOSPITALIZATION SYSTEM ACCUMULATION AND DISPOSITION FACTORS[1]							
	WOUNDED IN ACTION (WIA)				DISEASE/NONBATTLE INJURIES (DNBI)			
	Accumulation[3]	Rtn to duty[4]	Died in hospitals[5]	Evacuated[6]	Accumulation[3]	Rtn to duty[4]	Died in hospitals[5]	Evacuated[6]
1	24.9269	4.6585	.4146	0	13.7602	16.1905	.0493	0
2	16.2899	8.5607	.0763	0	4.1615	9.5856	.0108	.0023
3	11.1763	5.0915	.0161	.0060	2.1701	1.9687	.0038	.0189
4	3.5651	2.5657	.0107	.0348	1.3283	.8071	.0021	.0326
5	7.0059	1.4791	.0033	.0768	.8922	.3928	.0021	.0412
6	5.8345	1.0709	.0010	.0995	.6309	.2164	.0011	.0438
7	4.9412	.7668	0	.1265	.4520	.1328	.0028	.0433
8	4.2085	.5716	.0006	.1605	.3252	.0827	.0009	.0432
9	3.5763	.4302	.0024	.1996	.2344	.0527	.0021	.0360
10	3.0439	.3252	.0009	.2063	.1713	.0353	0	.0278
11	2.5614	.2512	.0021	.2292	.1226	.0241	0	.0246
12	2.1526	.1926	0	.2162	.0931	.0141	0	.0134

[1]Based on the assumption of one admission per day of the specified type during the first period of estimate and none thereafter. Derived from the complete hospitalization and evacuation experience of all US Army WIA and DNBI patients admitted to hospitals in the Korean conflict and all US Army DNBI cases admitted to hospitals in any overseas area during the same period.
[2]Thirty (30) days each.
[3]Accumulation of patients at end of period.
[4]Returns to duty during the period.
[5]Deaths in hospitals during the period.
[6]Patient evacuations during the period.

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i. Obtain the *CONUS* bed requirements for each period of estimate as follows: multiply the results of step *h* above by the CONUS dispersion factors.

j. To determine the number of beds required for troops stationed in CONUS use the following system. When new recruits are inducted in large numbers, morbidity tends to be rather high, and beds equal to as much as 4 percent of the CONUS strength may be necessary. After the period of training is over, beds equal to 3 percent of the CONUS strength may be sufficient.

5–27. Preliminary Bed Requirements Data

The methodology presented above is for an established theater of operations. Table 5–26 represents a method for working estimates of bed requirements for initial action in a theater of operations.

Table 5–26. Preliminary Bed Requirements' Data.

COMBAT ZONE**							
		POPULATION SERVED					
		DIVISION TROOPS			NONDIVISION TROOPS		
Period of estimate*	Evacuation policy	Average daily strength (1,000's)	WIA admission rate	DNBI admission rate	Average daily strength (1,000's)	WIA admission rate	DNBI admission rate
1	7	34	1.73	1.72	36	.68	1.70
2	15	68	1.97	1.76	70	.74	1.72
3	15	136	1.73	1.72	150	.68	1.70
4	15	136	1.60	1.70	168	.64	1.68

		COMMUNICATIONS ZONE***			CONUS***
		POPULATION SERVED			POPULATION SERVED
Period of estimate*	Theater evacuation policy	Average daily strength (1,000's)	WIA admission rate	DNBI admission rate	Average daily strength (1,000's)
1	15	20	.14	1.68	0
2	30	32	.14	1.68	0
3	60	80	.14	1.68	0
4	60	96	.14	1.68	0

*Thirty days each
**Dispersion factor is 20% (1.25)
***Dispersion factor is 20% (1.25)

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5–28. Nuclear, Biological, and Chemical Operations

While the preceding computations afford a relatively sound basis for determining bed requirements, nuclear, biological, and chemical (NBC) operations introduce other factors. The experience factors in this chapter have been derived in the presence of a certain pattern of wounding and are related to average admission rates over long periods. The pattern of wounding from NBC munitions probably will alter accumulation factors. Of greatest significance, however, may be the characteristically wide fluctuation of daily admission rates resulting from these munitions. This characteristic may preclude any attempt to employ average admission rates. The problem will be one of handling recurring peakloads of patients. This problem must be met either by more intensive use of theater hospital facilities, by instituting mass casualty standards for care (TB Med 246), or by rapid and extensive evacuation to the CONUS. For this reason, the planner may find it more realistic to submit bed requirements as a feasible percentage of troop strength supported and build the maximum flexibility into the resulting medical service. There are, however, factors and methods for estimating hospitalization and evacuation requirements. For data pertaining to nuclear warfare, see FM 101—10—3 and TM 8—215.

5–29. Capacity of Transportation Means for Evacuating Patients (See table 5—27.)

a. Exact figures for Army aircraft in columns 2 and 3 must be computed on maximum gross weight.

b. Cargo vehicles are used only when ambulances are not available.

5–30. Time Elements of Evacuation

Factors for evacuation of personnel (including loading and unloading) are indicated in the subparagraphs below.

a. Litter Squads.

(1) Average terrain, four-man squad—900 meters and return in 1 hour.

(2) Mountainous terrain, six-man squad—370 meters and return in 1 hour.

b. Ambulance (Ground) During Combat in the Division Area. Eight kilometers and return in 1 hour.

c. Aircraft.

(1) Helicopter—150 kilometers one way in 1 hour.

(2) Transport airplane—360 kilometers one way in 2 hours.

(3) Army (fixed wing) airplane—200 kilometers one way in 1 hour.

5–31. Patient Admission Rates

The series of tables 5—28a through 5—28h indicate mean daily patient admission rates per thousand average strength for US Army divisional and nondivisional personnel during World War II, Korean, and Vietnamese combat operations. Categories of patients include wounded in action (WIA), nonbattle injury (NBI) and diseased (DIS). These rates are further divided by type of division, type of operation, climate, terrain, and geographical area. In making computations and projections or health service requirements for future conflicts based on these event-oriented rates the medical planner must consider improvements in weaponry, medical intelligence data, individual protection devices, and health service support. As with all historical data, these rates are subject to certain considerations in that they are based on conventional warfare with air superiority maintained by US and allied forces during which existing tactical doctrine was employed.

Table 5–27. Capacity of Transportation Means Used for Patient Evacuation

	Type of transportation	Type patients: Ambulatory	Type patients: or litter
1.	Transport airplane, C–74 (USAF)	32	20
2.	Transport airplane, C–123 (USAF)	61	50
3.	Transport airplane, C–124 (USAF)	200	127
4.	Transport airplane, C–130 (USAF)	92	74
5.	Transport airplane, C–133 (USAF)	120	55
6.	Transport airplane, C–135 (USAF)	126	44
7.	Transport airplane, C–141 (USAF)	154	80
8.	Army airplane, O–1G	2	0
9.	Army airplane, U–10A	9	3
10.	Army airplane, U–8D,F	5	0
11.	Army airplane, U–21A	10	3
12.	Army airplane, U–21F	7	0
13.	Army airplane, T–41B	2	0
14.	Army airplane, T–42A	3	0
15.	Army helicopter, OH–6A	2	0
16.	Army helicopter, UH–1B	7	3
17.	Army helicopter, UH–1D	12	6
18.	Army helicopter, UH–1H	12	6
19.	Army helicopter, CH–47A,B,C	33	24
20.	Army helicopter, CH–54A,B	45	24
21.	Army helicopter, OH–58A	2	0
22.	Bus, motor, 37 passenger, convertible	37	18
23.	Truck, ambulance, frontline, ¼-ton	5	3
24.	Truck, ambulance, field, 1¼-ton	8	4
25.	Truck, cargo, 2½-ton	16	10
26.	Truck, cargo, 1¼-ton, 6 x 6, M561	8	4
27.	LARC–5	25	12
28.	LARC–60	125	0
29.	Railway car, coach (US)	52	--
30.	Railway car, coach (foreign)	57–72	--
31.	Pullman car (US)	48	32
32.	Sleeping car (foreign)	32	32
33.	Ambulance railway car (foreign)***	--	--
34.	Ambulance railway car, personnel (foreign)***	--	--
35.	LVT (Marine)	12	6
36.	LVTP–5 (Marine)	34	--
37.	LVTP–6 (Marine)	20	--
38.	LVTP–7 (Marine)	25	--
39.	LCVP (Naval)	36	17
40.	LCM–6 (Naval)	120	30
41.	LCM–8 (Naval)	200*	50**
42.	LCU (Naval)	400	100
43.	LST (Naval)	180	120
44.	Hospital ship (Naval)	802	802

*In addition to litter patients

**In addition to ambulance patients

***Capacity of such cars will vary from nation to nation

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Table 5–28. Patient Admission Rates

a. Overall in WW II, Korean Conflict, and Vietnamese Conflict

INFANTRY				MECHANIZED				ARMORED				NONDIVISIONAL			
WIA	NBI	DIS	Total	WIA	NBI	DIS	Total	WIA	NBI	DIS	Total	WIA	N8I	DIS	Total
WW II–Europe (See Table 5–28b)															
3.04	.54	2.07	5.65	2.17	.43	1.61	4.21	1.29	.30	1.14	2.73	.39	.34	.99	1.72
WW II–Italy (See Table 5–28c)															
1.97	.53	3.62	6.12	2.46	.52	2.60	5.57	2.93	.49	1.57	4.99	.40	.29	1.72	2.41
WW II–Mideast (See Table 5–28d)															
2.29	.38	1.58	4.25	2.30	.39	1 59	4.27	2.29	.38	1.58	4.25	.40	.35	1.25	2.00
WW II–Central and South Pacific (See Table 5–28e)															
1.91	.28	.89	3.08	1.77	.25	.66	2.68	1.16	.21	.42	2.24	.63	.21	.55	1.39
WW II–Southwest Pacific (See Table 5–28f)															
2.08	.61	5.12	7.81	1.92	.54	3.79	6.24	1.75	.45	2.44	4.64	.99	.35	3.71	5.05
Korean Conflict (See Table 5–28g)															
.82	.62	1.05	2.49	.76	.55	.78	2.09	.69	.46	.50	1.65	.54	.40	1.74	2.68
Vietnamese Conflict (See Table 5–28h)															
.42	.15	.74	1.31	.39	.14	.55	1.08	.35	.11	.35	.81	.14	.15	.77	1.06

Table 5–28. Patient Admission Rates

b. Europe, WW II

Terrain and Climate	INFANTRY				MECHANIZED				ARMORED				NONDIVISIONAL			
	WIA	N8I	DIS	Total	WIA	N8I	DIS	Total	WIA	N8I	DIS	Total	WIA	N8I	DIS	Total
OFFENSIVE OPERATIONS																
Mt-Cold	9.74	.96	4.85	15.55	6.86	.83	4.25	11.94	3.97	.68	3.64	8.29	.56	26	1.01	1.83
Plains-Cold	5.31	.73	4.24	10.28	4.37	.57	3.52	8.45	3.41	.39	2.79	6.59	.38	.22	1.01	1.61
Plains-Hot	8.82	1.15	2.32	12.29	6.32	.75	2.59	9.66	3.80	.34	2.85	6.99	.49	.55	.90	1.94
DEFENSIVE OPERATIONS																
Mt-Cold	7.48	1.92	2.24	11.64	5.55	1.38	2.12	9.04	3.61	.82	1.98	6.41	2.46	1.42	1.38	5.26
Plains-Cold	1.79	.64	2.35	4.78	1.54	.45	1.96	3.94	1.28	.24	1.55	3.07	.20	.33	1.11	1.64
Plains-Hot	4.58	.50	1.70	6.78	3.06	.41	1.64	5.10	1.52	.31	1.56	3.39	.12	.16	.48	.76
RESERVE OPERATIONS																
Mt-Cold	.30	.51	1.49	2.30	.28	.45	1.11	1.84	.25	.38	.71	1.34	.13	.38	.91	1.42
Plains-Cold	.86	.52	2.43	3.81	.79	.44	1.81	3.03	.70	.34	1.18	2.22	.28	.38	1.49	2.15
Plains-Hot	1.74	.34	1.82	3.90	1.46	.31	1.38	3.15	1.17	.27	.93	2.37	.57	.25	1.12	1.94
PURSUIT OPERATIONS																
Mt-Cold	3.62	1.75	1.99	7.36	3.57	1.06	1.70	6.32	3.50	.36	1.39	5.25	1.19	1.30	1.22	3.71
Plains-Cold	2.71	.60	1.67	4.98	2.46	.49	1.36	4.30	2.19	.36	1.03	3.58	.89	.44	1.03	2.36-
Plains-Hot	1.47	.44	.73	2.64	2.28	.45	.67	3.40	3.08	.44	.60	4.12	.48	33	.45	1.26
INACTIVE OPERATIONS																
Plains-Cold	.16	.32	1.15	1.63	.09	27	.88	1.23	.01	.20	.59	.80	.05	.24	.71	1.00
Plains-Hot	.42	.25	.50	1.17	.54	.20	.45	1.19	.65	.14	.38	1.17	.14	.19	.31	.64
AIRBORNE OPERATIONS																
Plains-Cold	10.47	2.33	.66	13.46	0	0	0	0	0	0	0	0	3.44	1.72	.41	5.57
Plains-Hot	9.20	.25	1.02	10.47	0	0	0	0	0	0	0	0	3.03	.19	.63	3.85
AMPHIBIOUS OPERATIONS																
Plains-Hot	10.45	.28	.53	11.26	9.63	.25	.40	10.28	8.80	.21	.25	9.26	3.44	.21	.33	3.95
RIVER-CROSSING OPERATIONS																
Mt-Cold	4.84	.83	3.17	8.84	6.58	.76	3.67	11.01	8.31	.68	4.15	13.14	1.59	.61	1.95	4.15
Plains-Cold	5.57	.52	3.02	9.11	5.14	.46	2.23	7.83	4.69	.38	1.44	6.51	1.83	.38	1.85	4.06
Plains-Hot	5.46	.51	2.32	8.29	3.80	.35	1.35	5.49	2.12	.18	.36	2.66	1.80	.38	1.42	3.60
Mt-Hot	10.22	.64	6.24	17.10	9.42	.56	4.61	14.59	8.61	.47	2.97	12.05	3.36	.47	3.83	2.66

Table 5–28. Patient Admission Rates

c. Italy, WW II

Terrain and Climate	INFANTRY WIA	NBI	DIS	Total	MECHANIZED WIA	NBI	DIS	Total	ARMORED WIA	NBI	DIS	Total	NONDIVISIONAL WIA	NBI	DIS	Total
							OFFENSIVE OPERATIONS									
Mt-Cold	4.68	.82	4.69	10.19	4.32	.72	3.47	8.50	3.94	.61	2.23	6.78	.07	.14	1 54	1.75
Plains-Cold	15.60	.71	4.79	21.10	14.38	.62	3.54	18.54	13.14	.52	2.28	15.94	5.13	.53	2.94	8.60
Plains-Hot	12.51	.71	2.18	15.40	11.53	.62	1.62	13.76	10.53	.52	1.04	12 09	.58	.32	1.39	2.29
Mt-Hot	4.26	.62	3.61	8.49	4.44	.61	2.83	7.87	4.60	.58	2.04	7.22	.69	.41	1.45	2.55
							DEFENSIVE OPERATIONS									
Mt-Cold	.26	.25	1.49	2.00	.25	.22	1.11	1.57	.22	.18	.71	1 11	.19	.25	1.74	2.15
Plains-Cold	2.18	.55	4.57	7.30	2.02	.49	3.38	5.88	1.84	.41	2.18	4 43	72	.41	2.81	3.94
Plains-Hot	.75	.58	2.64	3.97	.70	.51	1.96	3.16	.63	.43	1.26	2.32	.25	.43	1.62	2.30
							RESERVE OPERATIONS									
Mt-Hot	.45	.49	1.48	2.42	.42	.43	1.10	1.95	.38	.36	.70	1.44	.15	.36	.91	1.42
Plains-Cold	.19	.49	3.09	3 77	.18	.43	2.29	2.90	.16	.36	1.47	1.99	.06	.36	1 90	2.32
Plains-Hot	.14	.61	3.93	4.68	.08	.56	2.83	3.47	.01	.50	1.71	2 22	.05	.45	2.41	2.91
							PURSUIT OPERATIONS									
Mt-Hot	3.61	.62	2.51	6.74	3.33	.55	1.86	5.73	3.04	.46	1.19	4 69	1.19	46	1 54	3.19
Plains-Cold	.63	.66	1.03	2.32	.59	.58	.77	1.93	.53	.49	.49	1.51	.21	.49	.63	1.33
Plains-Hot	1.28	.54	1.46	3.28	1.46	.48	1.14	3.08	1.62	.41	.81	2.84	.42	40	.90	1.72
							INACTIVE OPERATIONS									
Plains-Cold	.52	.43	4.29	5.24	.81	.38	3 17	4.36	1.08	.32	2.04	3.44	.17	.32	2.63	3.12
Plains-Hot	1.15	.34	2.19	3.68	1.07	.30	1.62	2.99	.97	.25	1.04	2.26	.38	.25	1 34	1.97
							AMPHIBIOUS OPERATIONS									
Plains-Cold	6.06	.27	1.30	7.63	5.59	.24	.97	6.79	5 10	20	.62	5.92	1.99	.20	.80	2.99
Plains-Hot	16.05	1.36	6.30	23.71	14.79	1.19	4.66	20.63	13.51	1.00	3.00	17.51	5.38	1.01	3.87	10 26
							RIVER-CROSSING OPERATIONS									
Mt-Cold	1.78	.32	4.32	6.42	1.65	.29	3.20	5.13	1.50	.24	2 06	3.80	.59	24	2.65	3.48
Plains-Cold	2.68	.71	4.39	7.78	2.48	.62	3.25	6.34	2.26	.52	2 09	4.87	.88	53	2.70	4.11
Plains-Hot	5.64	.57	2.16	8.37	5.20	.50	1.60	7.30	4.75	42	1.03	6.20	1.86	.42	1.33	3.61
Mt-Hot	1.08	.33	2.88	4.29	1.00	.29	2 13	3.42	.91	24	1 37	2.52	36	.24	1 77	2.37

Table 5–28. Patient Admission Rates

d. Mideast Wars (Between Opposing Non-US Forces)

Terrain and Climate	INFANTRY WIA	NBI	DIS	Total	MECHANIZED WIA	NBI	DIS	Total	ARMORED WIA	NBI	DIS	Total	NONDIVISIONAL WIA	NBI	DIS	Total
							ALL OPERATIONS									
Desert-Hot	2.29	.38	1.58	4.25	2.30	.39	1.59	4.27	2.29	.38	1.58	4.25	.40	.35	1.25	2.00

Table 5–28. Patient Admission Rates

e. Central and South Pacific, WW II

Terrain and Climate	INFANTRY WIA	NBI	DIS	Total	MECHANIZED WIA	NBI	DIS	Total	ARMORED WIA	NBI	DIS	Total	NONDIVISIONAL WIA	NBI	DIS	Total
							OFFENSIVE OPERATIONS									
Mt-Hot	9.12	.46	2.20	11.78									3.00	.34	1.35	4.69
							RESERVE OPERATIONS									
Plains Cold	.45	.26	3.93	4.64									.15	.19	2 41	2.75
							INACTIVE OPERATIONS									
Mt-Hot	0	.27	.72	99									0	.20	.44	64
Plains Cold	0	.07	.33	.40									0	.05	.20	.25
							AMPHIBIOUS OPERATIONS									
Mt-Jungle	4.48	.43	.76	5.67									1.47	.32	.47	2.26
Plains-Jungle	5.64	.64	.64	6.92									1.86	47	.39	2.72
Plains-Hot	12.78	.49	.72	3.99									4.20	.36	.44	5 00

Table 5–28. Patient Admission Rates

f. Southwest Pacific, WW II

Terrain and Climate	INFANTRY WIA	INFANTRY N8I	INFANTRY DIS	INFANTRY Total	MECHANIZED WIA	MECHANIZED N8I	MECHANIZED DIS	MECHANIZED Total	ARMORED WIA	ARMORED N8I	ARMORED DIS	ARMORED Total	NONDIVISIONAL WIA	NONDIVISIONAL N8I	NONDIVISIONAL DIS	NONDIVISIONAL Total
DEFENSIVE OPERATIONS																
Mt-Cold	4.13	.42	5.21	9.76									1.36	.31	3.20	4.87
Mt-Hot	2.68	.49	4.64	7.81									.78	.38	4.00	5.18
Plains-Hot	3.65	.40	4.23	8.28									1.20	.30	2.60	4.10
Mt-Jungle	1.61	.56	3.70	5.87									.53	.41	2.27	3.21
Plains-Jungle	4.16	2.05	2.29	8.50									1.37	1.52	1.41	4.30
RESERVE OPERATIONS																
Plains-Cold	0	.55	5.46	6.01									0	.41	3.35	3.76
AIRBORNE OPERATIONS																
Mt-Hot	17.75	.61	2.50	20.86									5.84	.35	1.54	7.73
INACTIVE OPERATIONS																
Plains-Cold	0	.67	5.47	6.14									0	.50	3.36	3.86

Table 5–28. Patient Admission Rates

g. Korean Conflict

Terrain and Climate	INFANTRY WIA	INFANTRY N8I	INFANTRY DIS	INFANTRY Total	MECHANIZED WIA	MECHANIZED N8I	MECHANIZED DIS	MECHANIZED Total	ARMORED WIA	ARMORED N8I	ARMORED DIS	ARMORED Total	NONDIVISIONAL WIA	NONDIVISIONAL N8I	NONDIVISIONAL DIS	NONDIVISIONAL Total
OFFENSIVE OPERATIONS																
Mt-Cold	3.54	1.40	1.67	6.61	3.27	1.22	1.24	5.72	2.98	1.08	.79	4.80	.19	.34	1 48	2.01
Plains-Cold	1.46	1.37	2.12	4.95	1.35	1.20	1.57	4.12	1.23	1.01	1 01	3.25	.48	1.01	1.30	2.79
Mt-Hot	2.42	.75	1.58	4.75	2.24	.66	1.17	4.06	2.04	.55	.75	3.34	.07	.29	1.02	1.38
DEFENSIVE OPERATIONS																
Mt-Cold	4.75	3.51	1.35	9.61	4.38	3.06	1.00	8.44	4.00	2.59	.64	7.23	.43	.41	1.62	2.16
Plains-Cold	.70	3.31	1.41	5.42	.65	2.88	1.05	4.48	.59	2.44	.67	3.70	.23	2.45	87	3.55
Plains-Hot	8.03	.70	2.51	11.24	7.40	.62	1.86	9.88	6.76	.52	1.19	8.47	2.64	.52	1.54	4.70
Mt-Hot	2.99	.86	2.28	6.13	2.76	.75	1.69	5.20	2.52	.63	1.09	4.24	1.47	.55	2.54	4.56
RESERVE OPERATIONS																
Mt-Cold	.05	.56	1.18	1.79	.05	.49	.88	1.42	.04	.41	.56	1.01	.02	.41	.72	1.15
Plains-Cold	.29	1.11	1.40	2.80	.27	.97	1.04	2.28	.24	.82	.67	1.73	.10	.82	.86	1.78
Plains-Hot	.04	.38	.94	1.36	.04	.34	.70	1.08	.03	.28	.45	.76	.01	.28	.58	.87
Mt-Hot	.07	.45	.92	1.44	.07	.40	.69	1.15	.06	.33	.44	.83	.02	.33	.56	.91
PURSUIT OPERATIONS																
Mt-Cold	.64	1.85	1.33	3.82	.60	1.62	.99	3.20	.54	1.37	.63	2.54	.21	1.37	.82	2.40
Plains-Cold	.39	1.23	.89	2.51	.27	.84	.66	1.77	.13	.44	.42	99	0	0	0	0
Mt-Hot	1.40	.56	1.27	3.23	1.30	.49	.94	2.73	1.18	.41	.60	2.19	.60	.44	1.28	2.32
INACTIVE OPERATIONS																
Mt-Cold	.15	.60	.89	1.64	.15	.53	.66	1.33	.13	.44	.42	.99	.01	.25	1.27	1 53
Plains-Cold	.07	.23	.46	.76	.07	.21	.35	.62	.06	.17	.22	45	.02	.17	.28	.47
Plains-Hot	.14	.18	.32	.64	.14	.16	.24	.54	.12	.13	.15	.40	.05	.13	.20	.38
Mt-Hot	.14	.24	.54	.92	.14	.22	.41	.76	.12	.18	.26	.56	.05	.18	.33	.56
AMPHIBIOUS OPERATIONS																
Plains-Hot	1.83	.18	.26	2.27	1.69	.16	.20	2.05	1.54	13	.12	1.79	60	.13	.16	.89
RIVER-CROSSING OPERATIONS																
Mt-Cold	6.94	1.37	2.62	10.93	6.40	1.20	1.94	9.53	5.84	1.01	1.25	8.10	2 28	1.01	1.61	4.90
Plains-Cold	7.20	1.19	1.22	9.61	6.64	1.04	.91	8.58	6.06	.88	.58	7.52	2.37	88	.75	4.00
Plains-Hot	3.32	.55	1.46	5.33	3.07	.49	1.08	4.63	2.80	.41	.69	3.90	1.09	.41	.90	2.40

Table 5–28. Patient Admission Rates

h. Vietnamese Conflict

Terrain and Climate	INFANTRY WIA	INFANTRY N8I	INFANTRY DIS	INFANTRY Total	MECHANIZED WIA	MECHANIZED N8I	MECHANIZED DIS	MECHANIZED Total	ARMORED WIA	ARMORED N8I	ARMORED DIS	ARMORED Total	NONDIVISIONAL WIA	NONDIVISIONAL N8I	NONDIVISIONAL DIS	NONDIVISIONAL Total
ALL OPERATIONS																
Jungle Mt-Hot	.42	.15	.74	1.31	.39	.14	.55	1.08	.35	.11	.35	.81	.14	.15	.77	1.06

CHAPTER 6
ENGINEER PLANNING DATA
(STANAG 2206)

Section I. INTRODUCTION

6–1. General

This chapter contains planning data that may be used to determine minimum essential facilities by unit allocation (facilities required by a specific TOE unit) or by personnel or equipment densities and planning factors (personnel or equipment densities multiplied by days' stockage). The association of these facility requirements with the appropriate component of the Army Facilities Components System (AFCS) will provide the quantity of materials required and the related costs, short and measurement tons, and construction or installation man-hours data.

Section II. FACILITY CONSTRUCTION PLANNING FACTORS

6–2. Introduction

Since JCS Pub 3, which lists the facility *category codes*, is of limited distribution and not generally available, data on category code facilities useful for the logistician and engineer are extracted in this section. The DOD facility category code is a system establishing uniform facility classes and construction categories, together with an alpha numerical code, for use in the identification and classification of real property. Planning factors applicable to the category code facilities are general in nature and may vary considerably depending on the situation. These factors apply primarily for long-range planning and when more specific information about a given situation is not available.

6–3. Port Facilities

a. Basic Reference. TM 5–360, *Port Construction and Rehabilitation*, is a basic source of information on port construction facilities.

b. DOD Category Code 150 (Waterfront Operational Facilities). Requirements for port construction are based on port capacity expressed in terms of short tons (STON) per day, therefore, the capacities of standard berths are used as planning factors, together with other port planning factors contained in chapter 4, section 5. Port facilities are categorized as deep draft for ocean-going vessels and shallow draft for lighters, barges, landing craft, and the like.

Type of facility	*Size (Meters) Length x width x depth*	*Average capacity STON per day (20 hr)*
Container ship wharf	300 x 24 x 20*	5,070
Deep-draft finger pier	150 x 27 x 20	2,000
Marginal quay	300 x 18 x 20	2,000
DeLong A finger pier	90 x 24 x 20	1,200
DeLong B quay	45 x 18 x 20	600
Barge off-loading quay	30 x 18	400
LST quay	75 x 18	400
LST/LCM/LCM ramp	50 x 10	200

*One side berth only; 15 additional acres of stabilized hardstand per berth are required for container storage and support facilities.

c. Water Area Requirements for Port Facilities.

(1) General. During the site investigation for a possible port location, consider the following:

(a) Basin protection.
(b) Bottom conditions.
(c) Shore area.
(d) Communication facilities.
(e) Water depth.

(2) *Water requirements for port development.* All dimensions based upon largest vessel to use port.

(a) Channels: width.

1. Single lane:

Maneuver lane—*160—200% beam width.*

Clearance between maneuver lane and bank—*beam width of largest vessel to use port.*

2. Multiple lane:

Maneuver lane—*160–200% beam width.*

Clearance between maneuver lane and bank—*beam width of largest vessel to use port.*

Clearance between ships passing—*beam of largest vessel but not less than 30 meters.*

(b) Turning basin.

1. Length and width—*2 to 4 times length of largest vessel using port.*

2. Smaller dimensions are possible if turning dolphins are used.

(c) Anchorage area.

$$R = 4 \times D + F + L + C$$

R = Radius
D = Depth of water (MLW)
F = Freeboard
L = Length of largest vessel
C = Safe clearance—15 meters

(d) Depth.

Naval vessels	10 meters
Container vessels	10–15 meters
Bulk carriers	12–18 meters
Tankers	10–28 meters

6–4. Maintenance and Protection Facilities

Maintenance facilities are required to provide covered working space for organizational, direct support (DS), and general support (GS) maintenance operations. Gross planning factors have been developed for the broad categories of maintenance facilities. Other maintenance facilities such as vehicle wash racks and grease racks are determined on an "as required" basis.

a. DOD Category Code 211A through 211G (Maintenance—Aircraft). Maintenance facility requirements for Army aircraft are determined on a unit basis as follows. Factors developed do not include facility requirements for unit ground support equipment and vehicles.

TOE	*Unit*	*Sq ft per unit*
55–457	Trans acft maint co (DS)	22,171
55–458	Trans acft maint co (GS)	29,178
55–465	Trans acft maint bn (DS) and (GS)	36,920

b. DOD Category Code 213A (Maintenance—Small Craft). When bases are small, widely separated, and relatively inaccessible, maintenance facilities are provided the following types of small craft units:

TOE	*Unit*	*Sq ft per unit*
55–128	Mdm bt co	2,000
55–129	Hv bt co	1,200
55–138	Lt amph co	3,600
55–139	Mdm amph co	2,400
55–530	LARC LX plt	400

c. DOD Category Code 214A through E (Maintenance—Tank, Automotive). Maintenance shop requirements for vehicles are provided on a unit basis as follows:

TOE	*Unit*	*Sq ft per unit*
29–137	Hv equip maint co (GS)	5,562
29–207	Lt maint co (DS)	4,760
29–208	Maint co, rr (DS)	3,010
29–427	Maint co (DS)	5,588
29–427	Maint co (GS)*	2,328

*Secondary mission.

d. DOD Category Code 215A (Maintenance—Weapons). Covered shop requirements for weapon maintenance are provided on a unit basis as follows:

TOE	*Unit*	*Sq ft per unit*
29–137	Hv equip maint co (GS)	4,513
29–207	Lt maint co (DS)	210
29–208	Maint co, rr (DS)	421
29–427	Maint co (DS)	373
29–427	Maint co (GS)*	280

*Secondary mission.

e. DOD Category Code 216A (Maintenance—Ammunition). Covered shop space is required for maintenance and renovation of ammunition. For ammunition depots and ammunition supply points, 2 square feet per STON of ammunition for maintenance and renovation plus 1 square foot per STON for proper surveillance are provided. Therefore, the total allowance is 3 square feet per STON of

ammunition. Requirements are determined based on the following formula:

$$\frac{\text{lb per man per day} \times \text{population} \times \text{storage level} \times \text{3 sq ft per STON}}{2{,}000} = \text{s.}$$

f. DOD Category Code 217A (Maintenance—Electronic-Communications). Covered shop space is required for repair and maintenance of transmission and reception electronic equipment. Requirements are determined on a unit basis as follows:

TOE	*Unit*	*Sq ft per unit*
29–134	LE maint co (GS)	3,276
29–207	Lt maint co (DS)	210
29–208	Maint co, rr (DS)	2,172
29–427	Maint co (DS)	1,676
29–427	Maint co (GS)*	466

*Secondary mission.

g. DOD Category 218C (Ground Support Equipment Shop). Covered shop space is required for miscellaneous procured items and equipment. Requirements are determined on a unit basis as follows:

TOE	*Unit*	*Sq ft per unit*
29–137	Hv equip maint co (GS)	420
29–139	Coll & class co	6,300
29–207	Lt maint co (DS)	1,820
29–208	Maint co, rr (DS)	3,570
29–427	Maint spt co (DS)	2,161
29–427	Maint spt co (GS)*	1,304

*Secondary mission.

h. DOD Category Code 219B (Maintenance—Facilities Engineer Activity). Requirements for units below battalion level are normally absorbed within company/battery level supply sections. For installation planning based on an intermediate or longer range contingency for occupancy by a battalion or larger unit (or units), a covered space allocation of 2 square feet per man is required to support the repairs and utilities (R&U) maintenance function.

6–5. Supply Facilities

a. General. Supply data contained in this paragraph is for general planning purposes. Detailed data and consumption formulas for all classes of supplies are contained in chapter 3, tables 3–6 through 3–31.

b. DOD Category Code 410 (Liquid Fuel Storage). Requirements in connection with petroleum, oil, and lubricant (POL) systems include construction, major maintenance, and major damage repair to pipelines, pumping facilities, and storage facilities. A complete pipeline system includes tanker discharge facilities and receiving tank farm at a port or beach (marine terminal); one or more parallel pipelines; tank farms which are spaced along the system and vary in capacity depending on supply needs and specified theater levels of supply; and dispensing facilities, which are provided at tank farms and supply points. As a general rule of thumb, POL pipelines are programed when requirements, developed in accordance with planning factors indicated, exceed 6,500 barrels of POL per day. Generally (dependent on distance, roads, and terrain) pipeline transportation of POL is cost effective when requirements exceed those stated above and measures to secure pipelines from sabotage are effective.

c. DOD Category Code 411A through G (Liquid Fuel Storage—Bulk). Liquid fuel is divided into ground, aviation, and heating fuel for purposes of analyzing gross storage requirements. It is distributed through a system of terminals and major bulk storage points; using activities draw directly from the nearest storage point. Storage tanks are provided at terminals and major storage points and in forward areas.

(1) Bulk fuel and storage requirements for Army forces are determined by consumption rates and stockage objectives as shown below in accordance with the following formula:

$$\text{Consumption rate} \times \text{population} \times \text{stockage objective} = \text{storage capacity required.}$$

Consumption rate is measured in barrels (bbl) per man per day and stockage objective is a factor that measures reserve storage capacity of the tank farm in days.

(2) Air Force bulk fuel and storage requirements are determined by consumption rates of aircraft and stockage requirements as determined by the Air Force.

(3) In the absence of other guidance, the planning factors given below and those given in

Table 6–0 may be used in determining both Army and Air Force requirements:

FACILITY DESCRIPTION	*CRITERIA*
Liquid fuel storage	
Ship fuel storage/distillage	To be developed
AVGAS storage (411B)	
Individual aircraft	Acft (single engine, reciprocating) x 1.6 bbl/acft/days x days of supply
	Acft (multi-engine, reciprocating) x 9.7 bbl/acft/day x days of supply
Diesel storage (411C)	Men x 0.04 bbl/man/days x days of supply
MOGAS storage (411D)	Men x 0.15 bbl/man/day x days of supply
JP storage (411E)	
Individual aircraft type	Acft (single engine, turbine) x 5.7 bbl/acft/day x days of supply
Unit consumption	Tac ftr sqdns (F-4) x 1,387 bbl/sqdn/day x days of supply
	Patrol sqdn (P-3) x 1,500 bbl/sqdn/day x days of supply
	Air commando force sqdns (A-1) x 167 bbl/sqdn/day x days of supply
	Trans sqdns (C-130) x 1,650 bbl/sqdn/day x days of supply
	Hel sqdns (Navy/Marine Corps) x 183 bbl/sqdn/day x days of supply
Heating fuel storage (411F)	Temperature zone–men x 0.03 bbl/man/day x days of supply

d. DOD Category Code 420 (Ammunition Storage). Storage requirements for ammunition are determined by consumption rates, the square feet per STON of the types of ammunition to be stored, and the storage objective to be achieved at each location. Storage locations are determined by distribution system considerations. Factors for ammunition storage facilities are developed in terms of net square feet per STON of ammunition based on dimensions and weights of crated items and mode of stacking as determined by field measurements. These factors vary widely depending on the type of ammunition. Average gross storage factor per STON of ammunition is 8.05 square feet.

e. DOD Category Code 421A (Covered Ammunition Storage—Depot/Ammunition Supply Point (ASP)). Covered storage facility requirements for ammunition at depots and ASP's are determined in accordance with the following formula. Data is based on overall consumption rate of 31.29 lb/man/day and 5 percent of ammunition requiring covered storage.

$$\underset{\text{man/day}}{.0063 \text{ square feet/}} \times \text{population} \times \underset{\text{objective (days)}}{\text{storage}} = \underset{\text{feet}}{\text{square}}$$

f. DOD Category Code 425A (Open Ammunition Storage—Depot/ASP). Open storage requirements for ammunition at depots and ASP's are determined as indicated below. Data is based on overall consumption rate of 31.29 lb/man/day and 95 percent of ammunition in open storage.

$$\underset{\text{man/day}}{.019 \text{ square yards/}} \times \text{population} \times \underset{\text{objective (days)}}{\text{storage}} = \underset{\text{yards}}{\text{square}}$$

g. DOD Category Code 431A (Cold Storage—Depot/Supply Point Level).

Supply class	*Consumption rate* (lbs/man/day)*	*Cold storage by percent**	*Gross storage factor, (cubic feet/man/day)***
I	1.21	100	.0835
VI	3.20	10	.0221
VIII	0.35	10	.0048
IX	1.52	1.6	.0017

*Representative figures—may be adjusted for local experience.
**Based on 8 ft stack height.

To obtain requirement:

$$\underset{\text{storage factor}}{\text{Gross}} \times \text{population} \times \underset{\text{objective (days)}}{\text{storage}} = \underset{\text{feet}}{\text{cubic}}$$

h. DOD Category Code 432A (Cold Storage—Unit Level). Unit-level cold storage facility requirements are determined for each location based on a factor of 0.5 cubic feet per man.

i. DOD Category Code 441A (Covered Storage—Depot/Supply Point Level).

Table 6–0. Aviation Fuel JP–4 Storage Allowances by Unit

1	Unit	2	3	4	5	6	7	8	9	10
		Supply Level 1 Number of Aircraft per Unit							Total Aircraft	Barrels of Fuel per Company or Troop per Day
		AH–1G	UH–1B	OH–6A	OH–58A	CH–47A	CH–54A	OV–1C		
	Attack Helicopter (AH–1) Companies:									
2	TOE 7–257H	12	-	-	-	-	-	-	12	111
3	TOE 17–111H	21	2	-	-	-	-	-	23	212
	Assault Helicopter (UH–1) Companies:									
4	TOE 1–77G	-	24	-	-	-	-	-	24	222
5	TOE 7–77H	-	25	-	-	-	-	-	25	231
6	TOE 7–258H	-	20	-	-	-	-	-	20	185
7	TOE 7–357H	6	23	-	-	-	-	-	29	268
8	TOE 57–57H	6	23	-	-	-	-	-	29	268
	Assault Support Helicopter (CH–47) Companies:									
9	TOE 1–167H	-	-	-	-	16	-	-	16	534
10	TOE 1–258H	-	1	-	-	16	-	-	17	543
	Air Ambulance (UH–1) Companies:									
11	TOE 8–137H	-	25	-	-	-	-	-	25	231
	Air Cavalry (UH–1, OH–58, or OH–6) Troops:									
12	TOE 17–58H	9	8	10	-	-	-	-	27	182
13	TOE 17–78G	-	23	9	-	-	-	-	32	235
14	TOE 17–98H	9	8	-	10	-	-	-	27	182
15	TOE 17–108G	-	17	9	-	-	-	-	26	179
16	TOE 17–108H	9	8	9	-	-	-	-	26	179
17	TOE 17–208H	9	8	-	10	-	-	-	27	182
18	TOE 17–278H	9	8	-	10	-	-	-	27	182
	Heavy Helicopter (CH–54) Companies:									
19	TOE 55–259H	-	1	-	-	-	9	-	10	311
	Military Intelligence Aerial Surveillance (OV–1) Companies:									
20	TOE 30–128H	-	-	-	-	-	-	18	18	294

NOTE: To compute fuel storage allowance, multiply figures in last column to the right by days of supply.

*Consumption rates are based on following flying hours per 24-hour day: AH–1/UH–1–4.0, OH–6/OH–58–3.6, CH–47–3.1, CH–54–3.0, OV–1–3.6.

Class of supply		*Consumption rate (lbs/man/day)**	*Covered storage by percentage*	*Gross storage (sq ft/man/day)*
I	Subsistence			
	Nonrefrigerated—S ration	4.15	100	.0353
	Combat rations—C ration	1.34	100	.0116
II	Clothing, tentage, and individual items	3.26	60	.0169
III	Packaged POL	1.86	3	.0005
IV	Construction materials	8.50	10	.0073
VI	Personal demand items	3.20	90	.0248
VII	Major end items	4.27	15	.0055
VIII	Medical material	0.35	90	.0054
IIX	Repair parts	1.52	58	.0077

*Representative figures—may be adjusted for local situation.

To obtain requirement:

Gross storage factor x population x storage objective (days) = square feet

6–6. Medical and Dental Facilities

DOD Category Codes 510 through 560 (Medical and Dental Facilities). Requirements are provided on a unit basis as follows:

TOE	*Unit*	*DOD cat code*	*SF/unit*
08–510	Fld hosp	510A	1,075,932
08–551	GH, 1,000-bed	510	1,694,484
08–564	Sta hosp, 200-bed	510	592,416
08–565	Sta hosp, 300-bed	510	801,504
08–566	Sta hosp, 500-bed	510	1,075,932
08–650	Med lab	550B	3,900
08–500 (MA)	Disp, Misc team	550A	2,000
08–500 (MB)	Gen disp, Misc team*	550A	2,000
08–500 (MC)	Gen disp, Misc team*	550A	4,000
08–590	Conv cen	560A	2,238,984

*General dispensary, Miscellaneous Teams (MB) and (MC) each operate a Dental Lab, DOD Category Code 540B.

6–7. Administrative Buildings

DOD Category Code 610A (Administrative Buildings). Administration includes the functional areas required to support the management of operations, training, maintenance, production, supply, distribution, housing, community facilities, utilities, ground improvements, and real estate. It does not provide for automatic data processing equipment for which service planning factors will be used. An average planning factor of 90 square feet per occupant is the established criterion.

6–8. Troop Housing

a. DOD Category Code 725A (Emergency Troop Housing). The following planning factors are based on field experience of providing minimum essential facilities consistent with functional needs for limited tenure. Theater policy dictates the standard to which they will be constructed:

Type of housing	*Sq ft per man**
BOQ	110
EM	72

*Does not include mess, latrines, or showers.

b. DOD Category Code 730F (Prisoner of War Camps). The Geneva Conventions stipulate that prisoners of war (PW) are to receive accommodations equal to those of US troops in the same theater of operations (TO). However, the quantity of these facilities is less than provided for US troops. The reduction in the quantity of facilities is justified on the basis of a greater flexibility in scheduling PW activities. Requirements for PW enclosures are determined on a unit basis as follows:

TOE	*Unit*	*Sq ft per unit**
19–256	HHC, MP PW camp	12,283,920

*Based on provision of PW enclosure for 12,000 PW and/or civilian internees.

c. *DOD Category Code 730B (Military Police Stockage/Rehabilitation Center).* Facilities required for permanent and temporary stockades are basically similar. They include buildings for the administration of the stockades and the housing of prisoners, areas for training and

recreation, and means for making the buildings and areas secure against escape. Field stockades are temporary and are established by division, corps, and army, as required. Requirements for stockades are determined on a unit basis as follows:

TOE	*Unit*	*Sq ft per unit**
19—316	HHC, MP bn (stockade) (rehab cen)	1,907,928

*Based on provision of stockade/rehab cen for 1,000 military prisoners.

d. DOD Category Code 740 (Community Facilities). Community facilities include all facilities provided for personnel support, service, morale, welfare, and recreation. A gross planning factor of 9.5 square feet of indoor facility per man has been developed. Outdoor recreation spaces must be considered separately based on the situation and area available.

6–9. Utilities and Ground Facilities

a. DOD Category Code 810 (Electricity). Requirements for electricity are developed based on the planner's knowledge of the type of installation, the nature of activities conducted therein, and unusual power requirements. General planning factors have been developed as follows:

Installation	0.7 kw/man
Deep draft berth	250 kw/berth
Hospital	1.6 kw/bed

These factors do not include special test, maintenance, and heavy industrial operations, nor backup/emergency requirements. More detailed planning information is contained in FM 5—35 and JCS Pub 3.

b. DOD Category Code 831A (Sewage Treatment). Requirements for sewage disposal are based on a general planning factor of 70 percent of the total potable water supply requirement, as delineated in *d* below.

c. DOD Category Code 833A (Refuse and Garbage Collection and Disposal). Requirements for collection and disposal of refuse and garbage for facilities of an intermediate or temporary nature are based on the following general planning factors:

Garbage	2.5 lbs/man/day
Rubbish	1.5 lbs/man/day

Factors for maneuver elements vary considerably with the situation, but in all cases collection and disposal must be considered. More detailed information is contained in FM 5—35, FM 21—10, and TM 5—634.

d. DOD Category Code 340 (Water Supply). Requirements for water supply are developed to meet the needs of individuals; vehicle utilization; mess operations; and maintenance, industrial, construction, and hospital operations. Most, but not all, requirements are for potable water. Requirements vary depending on activity and location.

(1) The following are general planning factors in gallons per day (GPD):

RATE OF CONSUMPTION

Consumer	*Temperate-cold/desert-jungle*	*Remarks*
Individual	3-6 GPD/man	
Installations		
Camp (initial) w/bath	25-50 GPD/man	Incl waterborne sewage
Camp (intmed)	75-100 GPD/man	Incl waterborne sewage
Camp (temporary)	100-130 GPD/man	Incl waterborne sewage
Vehicles		
Tactical	½-1 GPD/veh	
Locomotive (steam)	200 GPD/train mile	

RATE OF CONSUMPTION (Continued)

Consumer	*Temperate-cold/desert-jungle*	*Remarks*
Support facilities		
Hosp	200 GPD/man	
QM bakery co	2,600 GPD	20 hr op
QM laundry co	64,000 GPD	20 hr op
QM clothing exchange and bath co	360,000 GPD	20 hr op
400-gal decon (aprox)	4,000 GPD	20 hr op
Const equip		
Rock crusher, 75 TPH*	22,500—45,000 GPH	Nonpotable, clean
Rock crusher, 225 TPH*	10,000—200,000 GPH	Nonpotable, clean
Concrete mixer, 16S	700 GPH	Nonpotable, clean
Central concrete mix plant, 112S	4,800 GPH	Nonpotable, clean
Water distr	10,000 G/km/single lane road under const	Nonpotable, clean
Port—Deep draft berth	50,000—100,000 GPD	
Storage	Total rqr X 0.5	Incl fire protection

*When used with wash/screen unit.

(2) Care must be used in establishing total requirements for mobile operations in a desert environment, especially with regard to source of supply and means of distribution. Organic engineer units have adequate capabilities for water treatment, however, transportation support for distribution must be considered for prolonged desert operations.

(3) Organic engineer water supply/treatment capabilities are as follows:

Table 6–1. Water Equipment Issued to Engineer Units

1	2	3	4	5	6	7	8	9	10
Unit	Number of sets[1]	Type purif unit; fresh water (GPH)	Equipment in each set[2]		Pump discharge (GPM/SET)[3]		Total[4] Storage Capacity (gal)	Max production (GPH)	Water transport equipment
			Tanks						
			Number[4]	Total capacity (gal)	Distrib	Purif			
AASLT div engr bn	8	420	1	500	18	10	4,000	3,360	
Abn div engr bn	8	420	1	500	18	10	4,000	3,360	
Armd, inf, and mech div engr bns	5	1,500	3	4,500	130	25	22,500	7,500	
Engr cbt bn, corps	5	1,500	3	4,500	130	25	22,500	7,500	
Engr cbt hvy bn	2	1,500	3	4,500	130	25	9,000	3,000	
Engr co, sep bde, armd, inf, or mech	2	1,500	3	4,500	130	25	9,000	3,000	
Engr co, sep bde, abn	1	420	1	500	18	10	4,000	3,360	
Engr WS co	9	3,000 (mobile)	2	9,000	100	50	81,000	27,000	4-2000 gal; 12-100 gal
Water purif team (GG)	1	3,000 (base)	2	9,000	100	50	9,000	3,000	
Water purif team (GH)	4	3,000 (base)	2	9,000	100	50	36,000	12,000	
Well drilling team (GE)	1	well drilling set							1-2,000 gal
Well drilling team (abn) (C-F)	1	well drilling set							1-1,000 gal

[1]Each set can equip one water point.

[2]Each set has chemical supplies for 600 hours of operation: 1/16 of supplies transported with each mobile unit.

[3]One pump at steady purification rate: others at full rated capacity for distribution (intermittent operation).

[4]Number of storage tanks may be augmented from depot stocks.

e. DOD Category Code 852A (Parking Area, Vehicular). A general planning factor of 50 square yards per vehicle for unit hardstand and maintenance area provides hardstand parking for unit vehicles and trailers and a maintenance area for individual and organizational maintenance requirements.

Section III. CONSTRUCTION DATA

6–10. Introduction

a. Standards of construction are established for the purpose of managing construction resources. The Joint Chiefs of Staff have established three standards of construction for contingency operations: initial (INT)—zero to 6 months, intermediate (ITR)—6 to 24 months, and temporary (TPR)—24 months to 5 years as published in JCS Pub 3. The theater or joint task force commander will determine which standard of construction will apply and any modification that will be made.

b. Facilities listed in the Army Facilities Components System (AFCS) are identified by a corresponding construction standard. In most cases, facilities contained in the AFCS fall into the intermediate and temporary standards. The nature of materials used in construction of the AFCS facilities and the structural aspects of the designs are such that the life of facilities will normally exceed 5 years when appropriate maintenance is performed.

c. Standards and construction data for all basic installations and facilities in the TO are based on the AFCS which is contained in the TM 5—301 series, TM 5—302, and TM 5—303. A complete listing of all installations is contained in paragraph 9—1, of the TM 5—301 series, while a complete listing of facilities is contained in paragraph 10—1, of the same TM.

6–11. Roads

a. Road Nets. Construction and maintenance of roads in a TO are held to the minimum required by the situation and are based on maximum use of the existing road net. Normally, the minimum two-lane road nets to be provided and maintained are as follows:

(1) In the combat zone—

(a) Two earth roads per division forward of division rear boundary.

(b) Two improved (e.g., gravel, crushed rock without asphalt treatment) roads per corps forward of corps rear boundary.

(c) Lateral improved roads at 16-kilometer intervals in rear of division rear boundary.

(d) Access roads, as required, at depots, supply points, and other installations in corps rear area.

(2) In the COMMZ—

(a) Two bituminous-surface-treated roads to each corps rear area. Connecting roads, as required, to ports and beaches.

(b) Access roads, as required at depots and other installations in the COMMZ.

b. Construction of New Roads.

(1) *Construction policy.* New road construction is undertaken only when absolutely necessary, and normally it includes only such items as access roads and detours to bypass demolitions. The factors in tables 6—2 through 6—6 are given primarily for estimating rehabilitation as a percentage of the requirements for new construction. Detailed planning factors for construction of all road facilities may be found in TM's 5—301, 5—302, 5—303.

(2) *Bridge and culvert requirements.* For planning, 1 kilometer of new road requires 7.5 meters (24.8 ft) of bridging and from 3.7 culverts in flat terrain to 13 culverts in mountainous terrain.

(3) *Material requirements.* Material requirements for 1 kilometer of new road (including bridges and asphalt for surfacing, but not shoulders) are given in tables 6—2 and 6—3.

(4) *Fixed-bridge superstructure requirements per kilometer of road.* Table 6—4 provides fixed-bridge superstructure requirements for 1 kilometer of road, based on 7.5 meters (24.6 ft) of bridging per kilometer of route and on

*Table 6–2. Material Requirements for 1 Kilometer of New Road**

1	1 Type of road (DOD Cat code/AFCS Series 853)	2 Single-lane 3.7m (12-ft) wide STON	3 Single-lane 3.7m (12-ft) wide MTON	4 Double-lane 7.3 m (24-ft) wide STON	5 Double-lane 7.3 m (24-ft) wide MTON
2	Earth, graded and drained	2.5	1.9	3.1	2.9
3	102-mm (4-in) (two-lane, 152-mm (6-in) stabilized earth or stone)	3.1	1.3	6.3	2.5
4	25-mm (1-in) cold surface treatment on 102-mm (4-in) (two-lane 152-mm (6-in) stabilized stone)	17.4	19.9	32.9	39.8
5	25-mm (1-in) cold surface treatment on existing primed base	13.7	18.6	26.7	37.3
6	51-mm (2-in) cold road mix, cold laid asphalt on 152-mm (6-in) primed stabilized stone	27.3	34.2	52.8	67.1
7	76-mm (3-in) cold road mix, cold laid asphalt on 152-mm (6-in) primed stabilized stone	36.0	46.6	70.8	92.6

*Does not include aggregates. Includes culvert material and asphalt in drums (55-gal).

Table 6–3. Gravel or Crushed Rock Requirements for 1 Kilometer of New Road

	1	2	3		4	5	
1	Type of road	Single-lane 3.7-m (12-ft) wide Cu m	(cu yd)	STON*	Double-lane 7.3-m (24-ft) wide Cu m	(cu yd)	STON*
2	Earth, graded and drained	NONE			NONE		
3	102-mm (4-in) (two-lane, 152-mm (6-in) stabilized earth or stone)	429	(560)	840	1,330	(1,740)	2,610
4	25-mm (1-in) cold surface treatment on 102-mm (4-in) (two-lane, 152-mm (6-in) stabilized stone)	571	(746)	1,119	1,521	(1,988)	2,982
5	25-mm (1-in) cold surface treatment on existing primed base	96	(125)	188	238	(311)	467
6	51-mm (2-in) cold road mix, cold laid asphalt on 152-mm (6-in) primed stabilized stone	856	(1,118)	1,677	1,758	(2,298)	3,447
7	76-mm (3-in) cold road mix, cold laid asphalt on 162-mm (6-in) primed stabilized stone	998	(1,305)	1,958	1,949	(2,547)	3,822

*Based on 1.5 STON/cu yd. For compacted-thickness, add 25 percent.

*Table 6–4. Fixed Bridge Superstructure Requirements for I Kilometer of Road**

	1 Type of span (Keyed to AFCS 852 series)	2 Percentage	3 Meters (ft)	4 STON	5 MTON	6 Man-hours
2	Class 25, timber, 4.25-m (14-ft) span	20	1.50 (4.9)	1.75	2.80	52.5
3	Class 60, six 27-in WF beams, 11.2- to 11.8-m (37- to 38-ft) span	21	1.57 (5.1)	3.04	3.04	29.0
4	Class 60, seven 36-in WF beams, 18.2- to 20.4-m (60- to 67-ft) span	24	1.80 (5.9)	6.17	2.84	50.0
5	Class 60, ten 36-in WF beams, 24- to 25.9-m (79- to 85-ft) span	12	0.90 (3.0)	3.80	1.75	35.3
6	Class 60, six 51-in deck plate girders, 35.3- to 36.3-m (116- to 119-ft) span	11	0.83 (2.7)	3.50	2.70	30.7
7	Class 60, seven 51-in deck plate girders, 37.2- to 39.4-m (122- to 128-ft) span	12	0.90 (3.0)	4.90	3.60	36.5
8	Total	100	7.50 (24.6)	23.16	16.73	234.0

*Does not include substructures. All bridges are double-lane and have timber decking and walkways with handrail.

average percentages of the various types of standard military bridging spans. Timber bridge data are based on typical timber bridging with 4.6-meter (15-ft) wood stringers (TM 5—312). Semipermanent steel highway bridging is described in TM's 5—302 and 5—312. Normally, for gaps greater than 25 feet, steel stringers will be used (TM 5—312).

*Table 6–5. Construction Effort in Man-Hours for 1 Kilometer of New Road**

1	2	3	4	5	6	7
	3.7m (12-ft) Single lane plus 1.2-m (4-ft) shoulders			7.3m (24-ft) Double lane plus 1.2-m (4-ft) shoulders		
1 Terrain	Grading only	Grading and 152-mm (6-in) gravel	Grading and 152-mm (6-in) gravel and 76-mm (3-in) asphalt	Grading only	Grading and 152-mm (6-in) gravel	Grading and 152-mm (6-in) gravel and 76-mm (3-in) asphalt
2 Swamp, avg 4-ft fill, no vegetation	3,430	4,868	5,956	5,066	8,375	11,061
3 Flat prairie, avg vegetation, 0- to 20-percent rock**	2,627	3,728	4,561	3,879	6,413	8,470
4 Rolling, avg vegetation, 0- to 20-percent rock	4,118	5,844	7,149	6,080	10,052	13,277
5 Hilly, forested, 0- to 20-percent rock	6,318	8,966	10,969	9,329	15,424	20,371
6 Mountain, forested, no rock	7,875	11,176	13,673	11,629	19,225	25,392
7 Mountain, 1- to 2-percent rock	11,422	16,210	19,832	16,866	27,884	36,828
8 Mountain, over 20-percent rock	14,526	20,614	25,220	21,449	35,641	46,835

*See TM 5-301, 5-302, 5-303 for more detailed man-hour and equipment hour estimates. Bridging and culverts are not included.
**Base data line.

(5) *Construction effort.* Table 6—5 shows the net effective man-hours of engineer construction effort required for grading and surfacing 1 kilometer of new one lane road (3.7-m traffic lane plus 1.2-m shoulders). The table is based on pit-bank-run gravel, except for lines 7 and 8, which are based on crushed rock. Man-hour efforts for bridging and culverts are not included.

c. Road Rehabilitation. Materials and efforts required to rehabilitate roads after action, in percentages of the materials and effort required for new construction, are shown in table 6—6.

Table 6–6. Rehabilitation—Equivalent Percentages

1	1 Rehabilitation of—	2 Equivalent percentages of new construction
2	Roads	10 to 20
3	Culverts	15
4	Bridges	50 to 90

d. Road Maintenance. After rehabilitation, and allowing for fair wear and tear but no additional damage in action, suitably trained and equipped engineer troops maintain one kilometer of roads based on the following general planning factors:

Type of road	*Net effective effort man-hours per km per day* *Single lane*	*Double lane*
Earth, graded and drained	1.7	1.7
Bituminous surface, cold patch	2.1	2.4

6–12. Airfield/Heliport Construction

a. General. For planning purposes, the Air Force/Army will furnish and/or define aircraft characteristics, allowance factors and formulas, broad design, layout and construction criteria, and policy guidance in the form of definitive drawings, specifications, regulations, manuals, or other appropriate references applicable to the theater of operations (TO) construction requirements peculiar to their particular aircraft. They also will submit their specific requirements in broad engineering terms together with general site and ultimate development plans. Army engineer troops will be responsible for site reconnaissance and recommendations, surveys, flexible pavement design, layout adaption, and construction.

b. Airfield—Heliport Types. Airfield or heliport types are derived by combining designated controlling aircraft or helicopters, respectively,

with the appropriate military area (battle, forward, support, or rear area) within a TO. Typical TO airfield and heliport concepts can be found in TM 5—330.

c. Characteristics, Criteria, and Layout. The characteristics of current Air Force and Army aircraft and Army helicopters as well as airfield and heliport criteria and layout are contained in TM 5—330. Minimum airfield and helipad-heliport area requirements are given in tables 6—7 and 6—8, respectively.

Table 6–7. Minimum Airfield Area Requirements

Airfield type	Possible using aircraft US type	Parking apron area m^2	Runway area m^2	Overrun area m^2	Taxiway area m^2	Shoulder area m^2	Warmup apron area m^2	Total aircraft traffic area[a] m^2	Dustproofing and/or waterproofing area[b] m^2
Battle area[d]									
Light lift	C-7A[c]	None	4,650	700	3,900	4,460	2,600	11,150	28,610
Medium lift	C-130[c] C-123	None	11,150	1,120	6,780	8,220	2,790	20,720	72,280
Forward area[d]									
Liaison	O-1[c]	None	3,490	None	None	None	None	3,480	5,800
Surveillance	OV-1[c]	6,690	13,940	None	8,080	10,220	2,600	31,310	55,100
Light lift	C-7A[c]	6,690	6,690	2,230	4,460	5,430	2,600	20,440	44,780
Medium lift	C-130[c] C-7A	8,360	13,940	3,360	8,180	10,410	2,790	33,260	104,330
Support area[d]									
Liaison	O-1[c]	None	4,650	None	None	None	None	4,650	7,670
Surveillance	OV-1[c]	16,720	16,720	3,350	9,480	12,080	2,600	45,520	74,880
Light lift	C-7A[c]	72,280	8,360	3,350	5,300	6,830	2,600	88,540	121,330
Medium lift	C-130[c] C-7A	34,750	19,500	3,350	13,190	14,120	2,530	70,000	163,420
Heavy lift	C-141[c] C-5A[e] C-124[c]	37,440 (99,030)	55,740 (68,280)	4,650 (13,940)	36,140 (43,760)	20,250 (55,740)	2,690 (10,310)	132,020 (221,300)	303,890 (426,800)
Tactical Rear area	F-4[c] F-111[c]	51,000	27,870	3,350	18,210	8,040	2,420	99,500	124,770
Rear area[d]									
Army	OV-1[c] C-7A O-1	48,120	20,070	4,000	11,330	12,360	2,370	81,940	135,270
Medium lift	C-130[c]	155,150	40,130	6,690	21,550	25,900	2,550	219,400	372,260
Heavy lift	C-141[c] C-5A[e] C-135	155,150	144,930	14,590	61,320 (76,830)	41,250 (99,030)	3,340 (25,360)	364,700 (379,500)	685,900 (807,800)
Tactical	F-4[c] F-111[c] F-105	51,000	80,270	20,070	50,170	46,820	3,340	184,800	271,460

Footnotes:

a. Traffic area includes parking, runway, taxiway, and warm-up areas.

b. This area includes total traffic area plus overrun area plus an area around the perimeters with a width of possible wing overhang for dustproofing purposes.

c. Particular aircraft that is critical in load or ground run which control the area requirements.

d. Battle area is brigade base, service life: 3 days;
Forward area is division base, service life: 2 weeks;
Support area is corps area, service life: 1 to 2 months;
Rear area is COMMZ, service life: 6 to 12 months.

e. Use number in (parentheses) for C-5A aircraft.

Table 6—8. Minimum Area Requirements for Helicopters

1	1 Helipad or heliport type	2 Landing or parking pad m^2	3 Taxiway m^2	4 Runway m^2	5 Overrun m^2	6 Total traffic area [a] m^2	7 Total clear area [b] m^2	8 Dustproofing and/or waterproofing area[c] m^2
	Forward area helipad							
2	OH—58	13				13	467	1,809
3	UH—1H	36				36	900	3,164
4	CH-47	113				113	1,688	15,930
5	CH-54	225				225	2,025	11,610
	Forward area heliport							
6	UH—1H company	900				900	28,179	33,597
7	CH—47 company	1,800				1,800	52,347	83,046
	Support area helipad							
8	OH—58	13				13	993	1,809
9	UH-1	36				36	1,296	3,564
10	CH-47	113				113	2,025	15,930
11	CH-54	225				225	2,025	11,610
	Support area heliport							
12	UH-1 company	900				900	40,959	44,523
13	CH-47 company	1,800	7,380	1,013	450	10,643	87,267	125,522
14	CH-54 company	1,800	8,202	2,025	900	12,036	56,284	75,465
15	Mixed battalion	[d] 10,839	8,342	1,013	450	20,643	181,996	179,460
	Rear area helipad							
16	OH-6	57				57	993	1,809
17	UH-1	144				144	1,296	3,564
18	CH-47	450				450	2,025	15,930
19	CH-54	900				900	2,025	11,664
	Rear area heliport							
20	UH-1 company	3,600				3,600	42,570	46,521
21	CH-47 company	7,200	11,313	1,620	720	20,133	92,250	116,787
22	CH-54 company	5,400	8,735	2,430	1,080	16,565	55,620	76,143
23	Mixed battalion	[d] 21,769	12,330	1,620	720	35,795	189,010	195,303

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[a] Traffic area includes parking or landing pad, taxiway, and runway.
[b] Total clear area is the area inside the lateral clearance line.
[c] This area includes the total clear area and an area around the perimeter, the width of which is determined by rotor downwash.
[d] Includes 7,200-sq m maintenance area.

d. Estimation of Construction Effort. Tables 6—9 and 6—10 provide estimates of the horizontal construction effort in battalion-days required to construct new airfield and heliport facilities, respectively. The data presented in the tables were derived using the construction effort equations contained in TM 5—330 and are intended to provide approximate information for several different site conditions only. Particular attention should be paid to the site conditions as stated in the tables when using these estimates. For site conditions other than those stated, the planner should consult TM 5—330.

*Table 6–9. Work Effort Required to Construct New Airfield (Engineer Combat Battalion–Days)**

Site conditions	Good	Average	Difficult
Soil type	Sand	Clay	Lateritic
Soil moisture	Dry	Dry	Wet
Subgrade CBR	>9	>9	>9
Char slopes	2%	2% to 10%	2% to 10%
Soil thickness	<2'	2' to 20'	2' to 20'
Vegetation	Grass	Savanna	Grass
Battle area			
Light lift	0.2	0.5	0.7
Medium lift	1.4	3.4	5.1
Forward area			
Liaison	0.2	0.5	0.4
Surveillance	0.9	2.2	3.4
Light lift	0.6	1.5	2.1
Medium lift	2.7	6.9	11.3
Support area			
Liaison	0.2	0.4	0.5
Surveillance	1.4	3.5	5.5
Light lift	1.2	3.0	4.3
Medium lift	8.2	20.8	42.9
Heavy lift	23.4	59.1	84.0
Tactical	12.7	32.0	42.9
Rear area			
Army (light lift)	2.0	5 0	8.7
Medium lift	32.9	83.1	145
Heavy lift	46.2	117	187
Tactical	21.5	54.4	72 0

*Conversion Factors

1. For engineer combat battalion, heavy, multiply the above bn-days by 0.5.
2. For engineer battalion, airborne, supplemented by engineer light equipment company, multiply the above bn-days by 0 83.
3. For engineer battalion, air assault, multiply the above bn-days by 1.73.

*Table 6–10. Work Effort Required to Construct New Heliport (Engineer Combat Battalion–Days)**

Site conditions	Good	Average	Difficult
Soil type	Sand	Clay	Lateritic
Soil moisture	Dry	Dry	Wet
Subgrade CBR	>4	>4	>4
Slopes	<2%	2%–10%	2%–10%
Vegetation	Grass	Savanna	Grass
Soil thickness	<2'	2'–20'	2'–20'
Forward area			
UH–1H company	0.8	1.9	5.3
CH–47 company	2.7	6.7	18.4
Support area			
UH–1H company	1.1	2.7	8.1
CH–47 company	6.3	16.0	30.4
CH–54 company	5.1	12.8	24.7
UH–1H/OH–58 mixed bn	11.7	29.6	68.6
Rear area			
UH–1H company	1.2	2.9	9.4
CH–47 company	7.0	17.6	33.9
CH–54 company	5.4	13.6	25.7
UH–1H/OH–58/CH–47 mixed bn	12.0	30.4	72.0

*Conversion Factors

1. For engineer combat battalion, heavy, multiply the above bn-days by 0.5.
2. For engineer battalion, airborne, supplemented by engineer light equipment company, multiply the above bn-days by 0.83.
3. For engineer battalion, air assault, multiply the above bn-days by 1.73

6–13. Railway Construction

a. New Construction.

(1) The railroad divisions used in planning include 160 route kilometers of main line, single or double track, together with its terminal operating and maintenance facilities; fueling and watering facilities, as required; and necessary signaling equipment or interlocking facilities for safe operation. Passing sidings on single-track lines and at stations and/or crossovers at double-track lines and stations are at intervals as required by the traffic. Normally, at least one spur or siding is provided at each station.

(2) Materials and man-hours (net effective) required for new construction of 1 kilometer of standard-gage (1.435 m (4 ft 8½ in)), single-track railroad are shown in table 6–11. Grading includes clearing based on average wooded terrain. Ballast is supplied from bank-run material, and the average haul is 5 kilometers.

Table 6–11. Construction Requirements for 1 Kilometer of Standard-Gage Railroad

	1	2	3	4
1	Item	STON	MTON	Man-hours
2	Grading	------	------	3,100
3	Ballast delivered	------	------	1,550
4	Track laying and surfacing	------	------	2,100
5	Bridging—13 25 m per km	79	68 9	2,000
6	Culverts—4 per km—avg 12-m length.	5	4 3	870
7	Ties—1,798	60	120 0	------
8	Rail—115 lb	125	54.9	------
9	Fastening (based on 11.9-m rail).	21	6.2	------
10	Total	290	254.3	9,620

b. Rehabilitation. Table 6–12 reflects the rehabilitation requirements that can be expected for a 100-kilometer standard-gage, single-track line extending inland from a port, using average percentages of demolition over the entire line. FM 55–20 and TM 5–370 provide further information.

Table 6–12. Rehabilitation Requirements for 100 Kilometers of Railroad

	1	2	3	4	5	6	7
1	Item	Quantity per 100 km	Demolition percentage	Amount of rehabilitation	Materials [1] STON	Materials [1] MTON	Man-hours [1] (thousands)
2	Main line	100 km	13	13 km	3,028	1,992	42.3
3	Port trackage [2]	3 km	100	3 km	894	683	13.7
4	Passing sidings [2]	4 5 km	80	3 6 km	1,075	821	10 6
5	Station sidings [2]	3 km	80	2 4 km	717	548	7.4
6	Railway terminal [2 3]	1 each	75	75 percent	4,410	4,230	100.0
7	Water stations	2 each	100	2 each	84	131	5 6
8	Fuel station	1 each	100	1 each	13	11	0 6
9	Bridging	1,325 m	70	929 m	5,530	4,830	140.0
10	Culverts	5,300 m	15	797 m	74	65	13.0
11	Grading						21.8
12	Ballast						27 4
13	Total				15,825	13,311	382.4

[1] Tunnels require special consideration. To repair (by timbering) a 15-m demolition at each end of a single-track tunnel (30 m total per tunnel), allow 70 STON, 87 MTON, and 3,000 man-hours.
[2] Estimate includes ties, rails, fastenings, turnouts, and track laying and surfacing. It assumes ballast is available at worksites.
[3] Includes replacement of buildings 100 percent, ties 30 percent, and rail and turnouts 85 percent.

6–14. Bulk Petroleum Storage and Distribution

a. General. See TM 5–343 for descriptions, sizes, and operating characteristics of pipeline equipment; AR 701–5 for supply service responsibilities; and TM 10–1100 series for petroleum pipeline and terminal operating procedures and techniques. Engineer troop units construct petroleum distribution systems. Quartermaster units provide the hardware. A complete pipeline system includes—

(1) Tanker discharge facilities and receiving tank farm at a port or beach (marine terminal).

(2) One or more parallel pipelines.

(3) Tank farms which generally are spaced from 80 to 120 kilometers apart along the system and vary from 50,000- to 1,000,000-barrel capacity, depending on supply needs and specified theater levels of supply.

(4) Dispensing facilities which are provided at tank farms and supply points.

b. Pipelines. Light weight pipe, 4-, 6-, and 8-inch diameter, is standard for military pipeline systems. On level terrain, pump stations are spaced 12.9 kilometers apart for 4-inch lines and 27 kilometers apart for 6- and 8-inch lines. Submarine ship-to-shore lines are 8-inch heavy-welded lines and 12- to 16- and 20-inch concrete-coated lines running from the offshore tanker mooring to the receiving tank farm. These pipelines are constructed by the Corps of Engineers as part of the equipment in marine terminal installations. For general planning, the pipeline capacities given for standard military lightweight tubing in table 6–13 may be used. Table 6–14 provides POL products pipeline construction requirements. Although military lightweight steel tubing ordinarily forms most of the length of a pipeline, it normally is not buried, nor is it used for submerged stream crossings or in populated areas and locations where hazards of fire and damage are acute. In situations where lightweight tubing is unsuitable, standard-weight, commercial-type (API) line pipe is the selected military standard for use in petroleum pipelines. TM 5–343 contains de-

tailed information and data on pipeline equipment and a discussion of pertinent pipeline planning considerations where deliberate planning and estimates are needed.

Table 6–13. Capacity of Standard Military Lightweight Steel Tubing

	1 Nominal tubing size (in)	2 Inside diameter or line (in)	3 Nominal design capacity (bpb)	4 Emergency capacity (bph)	5 Safe working pressure (psi)	6 Maximum working pressure (psi)	7 Barrels per day	8 Gallons per day	9 Net STON per day**
2	4	4.350	355	393	600	750	14,910	298,000	910
3	6	6 415	785	1,000	600	750	32,970	660,000	2,000
4	8	8 415	1,355	1,730	500	625	56,910	1,140,000	3,480
5	12	12.481	7,150	11,400	400	500	300,300	6,000,000	18,300

*Computed at nominal design capacity, using an average operating day of 20 hours.

**Average, all products.

Table 6–14. POL Pipeline Construction Requirements

	1 Type	2 STON	3 MTON	4 Man-hours
2	4-in by 12.9-km, with 355-bph pump station	201	257	4,784
3	6-in by 27-km, with 785-bph pump station	600	950	10,594
4	8-in by 27-km, with 1,355-bph pump station	725	1,528	11,464

c. Tank Farms.

(1) Based on the theater level of supply, the planner determines the tank farm construction requirements. These requirements may vary dependent upon the desired supply level of petroleum stored in the tank farm. This variation may be from a 30- to 60-day level, depending on the distance of tanker haul and probability of tanker losses through enemy action.

(2) Table 6–15 provides representative data for estimating tank farm construction along a pipeline system. These data include the tanks, pipe manifolds to the individual tanks, pumps, valves, etc., necessary for operation of the tank farms. Current doctrine for dispersion of facilities prescribes that not more than 250,000 barrels of bulk storage capacity will be constructed within 6.5 kilometers of another tank farm. Marine terminals listed in the table are used at ports or beaches and include the receiving tank farm and all facilities for mooring tankers offshore and pumping petroleum products to the tank farm.

*Table 6–15. Representative Marine Terminal and POL Tank Farm Construction Requirements**

	1 AFCS #	Installation	2 Capacity (bbl)	3 Site area (sq m)	4 STON	5 MTON	6 Man-hours
2	QA 1145	Marine tml, with submarine pipeline	200,000	242,800	1,469	2,200	49,686
3	QA 1095	Marine tml, with jetty	200,000	242,800	1,796	2,460	56,586
4	QA 1045	Marine tml, with existing dock**	200,000	242,800	1,577	2,258	47,510
5	QB 1089	Tk farm, with 6-in pipe and accessories**	100,000	93,000	589	614	20,991
6	QB 1119	Tk farm, with 8-in pipe and accessories**	200,000	125,500	1,116	1,104	37,376

*Refer to TM 5–301 series for construction requirements for all AFCS marine terminals and tank farms. Data shown may be multiplied by appropriate requirement factor for HASTY planning purposes only.

**Using 10,000- and 3,000-bbl bolted steel tks; other use 50,000-bbl welded steel tks and 10,000- and 3,000-bbl bolted steel tks.

6–15. Port Construction

a. Approximate Planning Factors for Material and Man-hour Requirements.

(1) Table 6–16, based on data in TM 5–301 and TM 5–360, shows the material and man-hour requirements for the construction of new water terminal facilities adequate for the handling of up to 2,000 STON of discharge dry cargo per day in a 20-hour operation. The facilities include ship or lighter wharf space (150m x 27m), access road from wharf to road net, and minimum covered and open storage.

Table 6–16. Port Construction Requirements

1	2	3	4	5	6	7	8	9	10	11	12
			5-ft tide			15-ft tide			25-ft tide		
Item	Dimensions (meters)	Number required	STON	MTON	Total man-hours	STON	MTON	Total man-hours	STON	MTON	Total man-hours
Total port, steel frame* (Lines 6, 7, and 10–17)			6,224	6,418	114,569	6,333	6,623	116,071	7,697	7,728	131,125
Wharf, timber	152.40 x 18 28		2,030	2,050	21,340	2,103	2,116	21,780	2,611	2,556	24,610
Wharf, railroad approach trestle	30.48 x 10 66		324	325	5,900	340	342	6,040	422	412	6,820
Wharf, road approach	30.48 x 7.31		96	105	3,230	101	110	3,240	121	128	3,460
Wharf, lighterage	152.40 x 10 66	1	687	825	11,770	687	825	11,770	687	825	11,770
Pier, timber	152.40 x 27.43	1	2,798	2,776	29,040	2,920	2,894	29,200	3,656	3,533	35,430
Rapidly Emplaced Port Facilities											
Pier, barge-type, self-elevating 1											
FSN 1945-575-0570	13.71 x 17 06 x 1 82										
1945-999-7900	45.72 x 18 28 x 3.04	1 (Commonly used as approach span for 91.44m units)									
1945-591-4314	76.20 x 18.28 x 3 04										
1945-999-7899	91.44 x 24 38 x 3.96	2 (Number of piers indicated approximately 2, (equates to									
1945-573-5227	91 44 x 27 43 x 3.96	one pier, timber (152 40m x 27.43) less approach.)									
1945-591-4313	130.14 x 27.43 x 4 57										
Shore connection span	24.07 x 9 14										
Major Ancillary Port Facilities											
Steel frame bldgs with interior*	Total	6	124	124	4,894						
Administration	6 09 x 30 48 x 2 43	1	19	19	1,018						
Firehouse	138 54 sq m	1	13	14	657						
Guardhouse	6 09 x 18 28 x 2 43	1	14	15	687						
Whs, closed	12 19 x 30.48 x 3.65	2	78	76	2,532						
Steel frame sheds*	Total	6	64	71	2,682						
Whs, shed	12.19 x 30.148 x 365	3	63	69	2,562						
Interior, whs shed	12 19 x 30.48	3	1	2	120						
Railroad	1 609 km	1.7	496	508	11,162						
Railroad approach trestle	27 43 x 131 06	1	1,847	1,796	27,020						
Railroad turnout, no 8		8	48	104	2,512						
Ramp, landing	836.1 sq m	2			2,224						
Road	1,609 km	11	54	69	12,250						
Other construction, on-land	10.66 x 152 40	1	106	145	11,015						

ERECTION CRITERIA

Site preparation: 1 to 2 weeks
Pier erection (ideal condition): 3 to 5 days

Pier erection (normal condition) 2 to 5 weeks

Towing to site 600-hp, 65-ft harbor tug or equivalent, time variable

*Wood frame facilities similar, however increase erection times by 3 percent

(2) Almost all modern shipping is done by containership. New information concerning construction requirements for container piers is being developed for inclusion in TM 5–301. The timber facilities described above are inadequate for container material handling equipment (MHE). Use of containerships will greatly reduce covered storage requirements.

(3) Table 6–17 shows the material and man-hour requirements for the rehabilitation of a 153-meter deep-draft wharf, clearance of debris, and new construction of other terminal facilities for up to 1,000 STON per day. This includes repair of cratered wharf faces by timber and V-trestle construction to a new width of 18 meters.

Table 6–17. Rehabilitation, 9.44 x 153.0-Meter Deep-Draft Wharf and Ancillary Facilities

	1	2	3	4
1	Item	STON	MTON	Man-hours
2	Repair of 9.44 x 153.0-m deep-water wharf. Repair scheme I.	1,653	1,453	25,220
3	1.609-km, 2 lane, access road, 3-in hot mix sand asphalt on existing base.	90	123	2,060
4	3.2-km railroad, single-track w/o turnouts.	292	299	6,566
5	Turnout, railroad track, no 8 std gage.	6	13	314
6	Steel frame warehouse, with interior (12,000 sq ft) 1,214.8 sq m.	64	71	2,682
7	Open storage site preparation per acre (4,047 sq m)			168
8	Clearing debris			2,500
9	Total	2,105	1,959	39,510

(4) Table 6–18 shows the material and man-hour requirements for the rehabilitation of a 152-meter lighterage wharf, clearance of debris, and new construction of other port facilities for up to 1,500 STON per day. This includes repair of cratered wharf faces by timber or steel-sheet pile.

Table 6–18. Rehabilitation, 10.66 x 152.40-Meter Lighterage Wharf, Supported on Timber Piling

	1	2	3	4
1	Item	STON	MTON	Man-hours
2	Repair of 10.66 x 152.40-m lighterage wharf.	1,308	1,117	11,960
3	1.609-km, 2-lane, access road, 3-in hot mix sand asphalt on existing base.	90	123	2,060
4	3.2-km railroad, single-track without turnouts.	292	299	6,566
5	Turnout, railroad track, no 8 std gage.	6	13	314
6	Steel frame warehouse, with interior (12,000 sq ft)	64	71	2,682
7	Open storage site preparation per acre (4,047 sq m)			168
8	Clearing debris			2,500
9	Total	1,760	1,633	26,250

b. Construction Rate for Pile-and-Timber Wharves. Normally, one engineer combat heavy company constructs 150 meters of deep draft marginal wharf, or equivalent, in 6 days. These rates cannot be improved by using a force larger than a company on one wharf structure of this size because of the sequences necessary in pile driving, capping, bracing, and deck construction.

c. Demolition of Existing Facilities. Table 6–19 based on experience factors in the invasion of developed harbors, indicates the average percentages of demolition to be anticipated. Additionally, the removal of sunken wrecks or blockships may be required, normally two or three in a small harbor, 10 or 20 in a large one. If the harbor entrance is narrow, it usually is found blocked.

Table 6–19. Average Demolition of Port Facilities

	1	2
1	Facility	Average demolition
2	Permanent wharves or quays.	30 percent very badly damaged; early repair impracticable. 30 percent heavily damaged; much debris; reasonably early repair possible. 40 percent lightly damaged; less debris; early repair practicable.
3	Port cranes	100 percent destroyed.
4	Port warehouses	50 percent to 100 percent destroyed.

d. Utilities Required at Ship Wharves.

(1) *Fresh water.* Normally, fresh water for ships is piped to the first deep-draft berth made available, based on a minimum flow of 100,000 gallons per day, and supply pipes are extended to other berths as may be required to avoid delaying ships. Required wharf utilities usually include a minimum storage facility equal to one-half the required daily demand stored in two equal-capacity tanks, that is 50,000 gallons stored in two 25,000-gallon tanks, provided with 4-inch pipes and suitable connections. One 4-inch pipeline with three 1½-inch outlets refills 115,000 gallons in 6 hours.

(2) *Electricity.* Electricity on wharves is used principally for floodlighting. Five-hundred-watt incandescent lamps, mounted 10.5 meters

above the wharf deck and spaced at intervals of 35 meters, provide adequate illumination averaging 1- to 2-foot candles.

e. Construction factors for specific types of marginal lighterage wharves per 30 meters. Construction factors for lighterage wharves are illustrated in table 6–20.

Table 6–20. Construction Factors, Lighterage Wharf

	1	2	3	4
1	Type of construction	STON	MTON	Man-hours
2	Timber pile, 10 7-m wide, using 12-in piles.	171	228 0	2,400
3	Timber crib, supporting timber bents, 10 7-m wide.	143	193 0	2,800
4	Timber retaining wall (Wakefield pile) with earth or rubble fill.	21	30 5	1,300
5	Steel-sheet-piling retaining wall with earth or rubble fill.	27	25.0	1,100

f. Construction Factors for Floating Pontoon Wharves. A floating wharf can be constructed 6 pontoons wide by 72 pontoons long, or 123 meters, with four approaches, each 4 by 18 pontoons (8.5 by 33.0 m). Total area of wharf and approaches is 2,854 square meters. The construction factors are as indicated in table 6–21.

Table 6–21. Construction Factors, Pontoon Wharves

	1	2	3	4
1	Floating pontoon wharves	STON	MTON	Man-hours
2	Per 93 sq m	42	127	343
3	Wharf and approaches, as above 2,854 sq m.	1,290	3,900	10,535

g. Construction Requirements for Over-the-Beach Discharge of Cargo. Construction requirements for over-the-beach discharge of cargo include the construction of ramps, hardstands, egress roads, and beach stabilization. Generally, local materials are used. The length of the ramps varies, depending on beach gradient and tidal range. The length of the ramp can be computed by the following formula:

$$\frac{\text{Beach gradient}}{\text{(m per 100 m)}} \times (\text{tide range (m)} + 1.2) = \text{ramp length (m)}$$

The man-hours required for construction of 30 meters of various types of ramps, hardstands, and beach stabilization are as shown in table 6–22.

Table 6–22. Construction Requirements for Over-the-Beach Discharge of Cargo[1,2]

	1	2
1	Facility	Man-hours
2	Amphibious vehicle ramp, 17-m wide by 30-m long by 0 45-m deep.	930
3	Landing craft ramp (LCU/LCM/LST), 8.8-m wide by 30-m long by 0.45-m deep.	480
4	Hardstands and beach stabilization, 30–m wide by 30 4-m long by 0.15 deep.	555
	Maintenance:	
5	Ramps: 10 percent of initial effort per month	------
6	Hardstands and beach stabilization: 10 percent of initial effort per quarter.	------

[1]See paragraph 6–11 for road construction factors.

[2]The increased use of containerships will cause an increase in hardstand requirements.

h. Dredging. Dredging of harbors is a slow operation and should be avoided in a military operation, when possible. Likewise, plans should not call for dredging near quay walls because of the danger of damaging foundations. Generally, demolition debris can be cleared in front of berthing sites by using dragline or clamshell cranes. If dredging of harbor areas is unavoidable, the overall planning factors in table 6–23 may be used as a guide. Dredging quantites vary considerably with the type of equipment used, the distance of haul to the spoil area, the method of haul, and the kind of material being excavated (e.g. sand, mud, gravel, soft rock or coral, hard rock). Large capacity shovels with clamshells or draglines may be mounted on barges and floated to the site.

Table 6–23. Dredging Planning Factors

1	Item	2	3	4	5
		Type of dredge			
		Hydraulic suction[1]	Dipper	Clamshell or orange peel	Seagoing hopper[2]
2	Size	12- to 28-in pipe	1.5 to 12.0 cu m	1 to 7 cu m	385 to 6,230 cu m
3	Operating personnel	Varies from 12 to 90 men crews, depending on size or dredge and number of shifts being worked.			
4	Opereting charecteristics and principal use.	Best in soft or loose meterial, but can also dig firmer material, varying from compacted sands and conglomerates to some types of coral.	Loose rock, clay, hard packed conglomerate, and excavation. Can also be usad to dredge the type of material which hydraulic suction dredges excavate; but at lesser efficiency Generally requires loading in scows for disposal.	Dredging in limited areas, caisson work, debris clearence. Generally requires loading in scows for disposal. The meterial dredged is of the softer type, such as silt and mud.	Operates in ereas exposed to open sea conditions. Operates most efficiently in free flowing materials; such as loose sand, muds and silts.
5	Maximum swells affecting operations.	0.9m (3 ft)	0.5m (2 ft)	1.5m (5 ft)	Designed for dredging in rough water
6	Maximum dredging depth.	7.6–19.8m (25–65 ft)	6.0–15.2 m (20–50 ft)	Great depths.	11.0–18.2m (36–60 ft)
7	Average daily capacity[3]	3,000 cu m (12-in pipe)	1,500 cu m (1.5 cu m dipper)	450 cu m (1-cu m clam shelf or orange peel)	15,000 cu m (6,230 cu m hopper)
		20,000 cu m (28-in pipe)	6,900 cu m (12.0-cu m dipper)	3,200 cu m (7-cu m clam shell or orange peel)	15,000 cu m (6,230 cu m hopper)

[1]Disposal is by pipeline to upland disposal areas or in water areas a sufficient distance from the dredged areas to prevent significant infill

[2]Hopper dredges are used primarily in dredging inlet channels leading from exposed offshore areas to a sheltered harbor In a military operation, it is probable that all other dredging will be accomplished with local dredges.

[3]Based on 24-hour operation at 60-percent effective time.

6–16. Tentage

Table 6–24 furnishes data on tentage. For additional information on tentage refer to FM 20–15 and FM 20–16.

Table 6–24. Tentage Data

1	LIN	2 Type of tent	3 Length (ft)	4 Width (ft)	5 Peak height (ft)	6 Floor area (sq ft)	7 Weight packed (lb)	8 Volume packed (cu ft)
2	V47071	Arctic, 10-man, FMWWR[a], hexagonal	17.5	17.5	8.5	198.9	76.0	7.3
3	V47345	Assembly, M–1942, FMWWR[a]	80.0	40.0	18.0	2,856.5	1,755.0	100.0
4	V47482	Commend post, M–1945, FMWWR[a]	20.6	10.0	9.0	172.0	224.0	9.9
5	V47756	Aviation maintenance, small, frame	10.0	12.0	12.0	120.0	361.0	26.8
6	V47893	Frame-type, balloon inflation, M–1957	15.2	14.0	12.8	210.0	930.0	56.5
7	V48161	Maintenance, frame, FMWWR[a, b]	32.0	20.0	14.0	640.0	1,949.0	237.0
8	V48304	Maintenance, frame, insulated, sectional	16.0[c]	16.0	8.0	256.0	2,410.0[d]	259.5
9	V48578	General-purpose, large, FMWWR[a]	52.0	18.0	12.0	936.0	820.0	69.0
10	V48989	General-purpose, medium, FMWWR[e]	32.7	16.0	10.0	528.0	569.0	33.0
11	V49126	General-purpose, small, FMWWR, hexagonal	17.5	17.5	10.5	198.9	186.0	8.0
12	V49537	Hexagonal, lightweight, M–1950, FMWWR[e]	13.3	13.3	8.5	113.2	56.0	3.8
13	V49948	Kitchen, flyproof, M–1948	18.0	12.0	9.0[e]	216.0	380.0	26.2
14	V50058	Maintenence shelter, FMWWR[a]	26.8	18.2	14.0	486.8	1,155.0	84.0
15	V50496	Mountain, two-man	6.8	14.5	3.6	30.8	9.5	0.7
16	V50633	Nike-Hercules, air-supported	71.4	15.4	12.9	995.0	625.0	198.0
17	V50907	Radome, air-supported, circular	24.0	24.0	19.7	452.0	1,029.0	85.0
18	V52414	Maintenance, missile test shop	6.0	8.8	8.6	40.0	50.0	3.0
19	V52551	Missile equipment console, pulse acquisition radar, front	6.7	8.0	7.7	40.0	50.0	4.0
20	V52688	Missile equipment console, pulse radar, rear	4.0	8.0	8.6	26.0	40.0	3.5
21	V52825	Missile equipment console, range radar	6.8	8.3	8.3	55.7	60.0	4.0

[a]Fire-, mildew-, water-, and weather-resistent.

[b]Basic tent only. 8 ft sections can be added to maximum length of 64 ft; each section weighs 291 pounds.

[c]Excluding vestibule, which is 3.8 ft long, 3.1 ft wide, 6.5 ft high and has 11 square ft floor space.

[d]Including one vestibule.

[e]Exclusive of stack which is 12 ft high.

Section IV. COMBAT ENGINEER DATA

6–17. River and Gap-Crossing Equipment

a. Table 6–25 lists the characteristics of assault boats. For details, see FM 5–34, FM 31–60, and TM 5–210.

Table 6–25. Characteristics of Assault Boats

	1	2	3	4	5	6	7
1	River-crossing means	Crew (engr)	Maximum load (in addition to crew)	Meximum streem velocity (m per sec)	Time in minutes for round trip ecross streem (width)		
					90m	150m	300m
	Plestic essault boat:						
2	a. Paddled	3 men	12 riflemen with individual equipment	1.2	4	6	10
3	b. Outboard motor, propelled	2 men	12 riflemen with individuel equipment	1.5	3	4	5
4		2 men	7 riflemen with individuel equipment	2.5	3	4	5
5	c. Employed as storm boat	1 man	5 riflemen with individual equipment	3.2	3	4	5
	Pneumatic assault boet:						
6	a. Paddled	3 men	12 riflemen with individual equipment	1.5	4	6	10
7	b. Outboard motor, propelled	2 men	12 riflemen with individual equipment	3.5	---	4	5

b. Table 6–26 lists the characteristics of rafts and ferries. Various-sized rafts and ferries capable of carrying light tactical vehicles or the heaviest division loads can be constructed from standard river-crossing equipment. When required, preparation or construction of roads and approaches *normally is more time consuming* than raft construction. Site preparation time, rather than raft or ferry construction time, normally is the deciding factor in arriving at operational times for rafts or ferries.

NOTE: Commanders and staff planners must exercise caution in using the construction times listed in table 6–26 (column 5) to determine operational times for rafts.

Table 6–26. Characteristics of Rafts and Ferries

a. Rafts

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	Type of raft or ferry	No of pontoons or floats	Length (m)		Construc-tion time (min)[b]	Construc-tion party	Operating crew	Class and number of power units needed[c]								Type of power unit required	Transportation required (For raft equip only Additional needed for const equip and trps)	
			Overall including ramps	Available for loading[a]				Normal crossing				Risk crossing					No of units	Unit
								Stream velocity (m per sec)										
								1 0	1 6	2 3	3 0	1 0	1 6	2.3	3 0			
2	Light tactical raft without articulators	4 (3 bay)	14 3	10 0	30	1 plt	1 sqd and outboard motor operators	16/1	16/1	13/2	4/4	20/1	20/1	18/2	8/4	25-hp outboard motor[d]	2	2½ ton cargo truck with 2½-ton pole trailer
		5 (5 bay)	21 1	16 8	35			16/1	15/1	12/2	6/4	19/1	18/1	16/2	9/4		2	
		6 (5 bay)	21 1	16 8	40			18/1	18/1	18/3	13/4[e]	22/1	22/2	22/3	18/4[e]		2	
	Light tactical raft with articulators	4 (3 bay)	18 0	10 0	30			12/1	12/1	12/2	4/3	14/1	14/1	14/2	9/4		2	
		4 (4 bay)	21 4	13.4	35			10/1	10/1	10/2	2/3	12/1	12/1	12/2	6/4		2	
		5 (5 bay)	24 8	16.8	40			9/1	9/1	9/2	6/4	11/1	11/1	11/2	9/4		2	
		6 (4 bay)	21 4	13 4	40			13/1	13/1	13/2	12/4[e]	15/1	15/1	15/2	15/4[e]		2	

See footnotes at end of table

Table 6–26. Characteristics of Rafts and Ferries—Continued

b. Ferries.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
							Class and number of power units needed [c]										
							Normal crossing				Risk crossing						
							Stream velocity (m per sec)										
		Length (m)															
]	Type of raft or ferry	No of pontoons or floats	Overall including ramps	Available for loading[a]	Construction time (min)[b]	Construction party	Operating crew	1.0	1.6	2.3	3.0	1.0	1.6	2.3	3.0	Type of power unit required	Transportation required (For raft equip only Additional needed for const equip and tips)	
																	No of units	Unit
3	Class 60	4 Norm	28 2	15 5	70[f] 30[g]	1 plt[d,e]	1 sqd and power unit operators	40 45 / 1	40 45 / 1	40 45 / 2	35 40 / 2	50 55 / 1	50 55 / 1	50 55 / 2	45 50 / 3	27 ft bridge erection boat[h]	5	5 ton bridge truck
		5 Reinf	28 2	15 5	80[f] 35[g]			55 60 / 1	55 60 / 1	50 55 / 2	45 50 / 4	60 70 / 1	60 70 / 1	60 65 / 2	55 60 / 4		6	
		6 Reinf	28 2	16 5	90[f] 50[g]			65 75 / 1	65 75 / 1	65 55 / 2	60 65 / 4	80 90 / 1	80 90 / 1	80 90 / 2	70 80 / 4		6	
4	M4[i] (limited standard)	4	26 5	15 7	70[f]	1 plt	1 sqd and power unit operators	50 55 / 1	50 55 / 1	50 55 / 1	50 55 / 1	55 60 / 1	55 60 / 1	55 60 / 1	55 60 / 1	27 ft bridge erection boat[h]	5	2½ ton bolster truck with 2½ ton bolster trailer
		6 Reinf	26 5	15 7	80[f]			70 75 / 1	70 75 / 1	70 75 / 1	65 70 / 2	75 80 / 1	75 80 / 1	75 80 / 1	75 80 / 2		6	
		7 Reinf	26 5	15 7	85[f]			85 90 / 1	85 90 / 1	85 90 / 1	80 85 / 3	90 95 / 1	90 95 / 1	90 95 / 1	90 95 / 3		7	
5	M4T6[j]	4	26 5	15 7	90	1 plt	1 sqd and power unit operators	50 55 / 1	50 55 / 1	45 50 / 2	35 40 / 3	60 65 / 1	60 65 / 1	60 60 / 2	55 60 / 3	27 ft bridge erection boat[h]	5	5 ton bridge truck
		5 Reinf	27 1	15 3	100			60 60 / 1	60 60 / 1	60 60 / 2	45 50 / 3	70 75 / 1	70 75 / 1	70 75 / 2	65 70 / 3		6	
6	Mobile floating assault bridge ferry (MAB) (U S)	0/2[k]	22 5	8 5	6	None[l]	Amphibious vehicle crews	36/36 / 36	36/36 / 36	36/36 / 36						Self contained power	2	Self contained
		1/2[k]	30 5	16 5	8			47/47 / 54	47/47 / 54	47/47 / 54							3	
		2/2[k]	38 4	24 4	10			60/62 / 72	60/62 / 72	55/55 / 72							4	
		3/2[k]	46 3	32 4	12			60/62 / 90	60/62 / 90	60/62 / 90							5	
		4/2[k]	54 2	40 4	12			60/62 / 108	60/62 / 108	60/62 / 108							6	
7	Assault[m] float bridge (ribbon bridge)	1/2[k]	18	7	15	1 sec[n]	8 – 9[n] men incl	45/2	45/2	40/2	30/2					27 ft bridge erection boat	6[o]	M812 transporter
		2/2[k]	25	13	20			60/2	60/2	60/2	55/2						7[o]	
		3/2[k]	31	20	25			70/2	70/2	70/2	60/2						9[o]	

See footnotes at end of table

Table 6–26. Characteristics of Rafts and Ferries—Continued

c. Operating characteristics.

1	2	3	4
1 Operating characteristics of rafts and ferries	Stream width (m)		
	75	150	300
No. of round trips per hr in currents of 1 6 m per sec in daylight (reduce 50 percent for night or adverse conditions)	Trips per hr		
2 Light tactical raft	8	6	4
3 Class-60 raft	6	4	2
4 M4T6 raft	8	6	4
5 MAB	8	6	4
6 Ribbon bridge raft[m]	8	6	4
7 No of rafts that can be used efficiently at one time	1	2	3

[a] Measured from outside edge to outside edge of end pontoons or float saddle beams, except mobile assault ferry, which is measured from ramp joint to ramp joint

[b] Includes unloading and assembly times only; does not include time for preparation of landing sites or construction of access roads. Times are based on use of trained personnel and no delays

[c] Capacities are based on loading rafts with center of gravity of loads 6 inches downstream of raft centerline and on properly inflated floats.

[d] 27-ft erection boat may be used when pusher connector is lashed to pontoons.

[e] Must be launched upstream of far-shore exit, since power units will not counteract velocity of stream when the raft is loaded

[f] Truck-crane or equivalent required for assembly time.

[g] Complete bays preassembled in rear area and launched directly from transporting trailer into water at assembly site

[h] One 19-ft bridge erection boat may be used in current not more than 1.6 m per sec In 1.6-m-per-sec or more current, two 19-ft boats may be substituted for one 27-ft boat

[i] Roadway width consists of 18 balk between curbs in 22-balk deck

[j] Extreme caution is required in loading and unloading vehicles weighing more than 60 tons

[k] No of interior bays/no of ramp bays

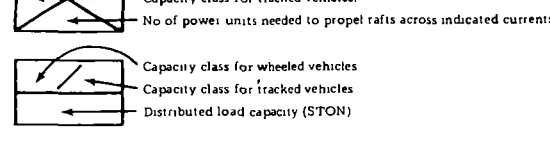
[l] Exclusive of amphibious vehicle crews

[m] Tentative data based on DRAFT publications and doctrine currently being prepared for implementation

[n] Based on PROV Bridge Platoon capable of providing two five-bay rafts The proposed strength of one section is 18 men including power unit operators

[o] Incl transporters for power units

LEGEND



c. Table 6—27 shows characteristics of floating bridges. When roads and approaches are required, their preparation or construction *normally is more time consuming* than that in bridge construction.

Table 6–27. Characteristics of Floating Bridges

	1		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
1	Type of bridge		Transportation required[a]	Construction party[b] / Construction time[c] (hr) / Stream width (m)			Maintenance crew	Load class[d]																		Traffic capacity and vehicular distance for safe crossing in daylight (except as otherwise noted)[h]
								Safe crossing (posted capacity)[e]						Caution crossing[f]						Risk crossing[g]						
								Stream velocity (m per sec)																		
				Up to 80	80–160	160–325		1.0	1.6	2.3	2.6	3.0	3.6	1.0	1.6	2.3	2.6	3.0	3.6	1.0	1.6	2.3	2.6	3.0	3.6	
2	Footbridge, aluminum		1 2½-ton truck and 1 2½-ton pole trailer per 77.4 meters of bridge	1 plt / ⅓–½	1 plt / ½–⅔		1 sqd	← Safe →																		Daylight: 75 men per min Night: 40 men per min at 2-pace distance[i]
3	Light tactical bridge		2 2½-ton trucks and 1 2½-ton pole trailer per 14.4 meters of bridge	1 plt / 1–1½	2 plt / 1½–2½		1 sqd	16	16	13	11	8	2	18	18	15	12	9	3	21	21	17	14	11	5	400 vehicles per hr, 30 meters' distance between vehicles[j]
4	M4T6 floating bridge[k]	Normal	1 5-ton truck per 4.9 meters of bridge	1 co / 2–3	2 co / 3–5	2 co to 1 bn / 5–10	1 sqd	50/55	45/55	40/50	35/45	30/40	25/30	60/61	58/59	54/55	49/51	45/47	35/37	68/69	66/67	62/63	59/60	54/56	43/45	400 vehicles per hr, 30 meters' distance between vehicles[j]
		Reinforced	1 5-ton truck per 3.3 meters of bridge					75	75	70/75	65/70	55/60	27/30	80	80	79	73	66/67	43/45	90	90	90	87	81	59/60	
5	Class 60 floating bridge	Normal	1 5-ton bridge truck per 4.9 meters of bridge	1 co / 2–3	2 co / 3–5	2 co to 1 bn / 5–10	1 sqd to 1 plt[m]	60/65	55/65	45[l]/55	40/50	35/45	22/25	65/70	62/67	56/61	52/56	45/49	34/37	75/79	72/77	67/72	62/67	57/62	46/50	400 vehicles per hr, 30 meters' distance between vehicles[j]
		Reinforced	1 5-ton bridge truck per 4.9 meters of bridge	1 co / 3–4	2 co / 4–7	2 co to 1 bn / 7–12		65	65	65	65	65	30/35	75	75	75	75	75	47/51	85	85	85	85	85	70/74	
6	M4 floating bridge (limited standard)	Normal[n]	1 2½-ton bolster truck and 1 2½-ton bolster trailer per 4.9 meters of bridge	1 co / 2–3	2 co / 3–5	2 co to 1 bn / 5–10	1 sqd to 1 plt[m]	60	60	50	45	35	20	65	65	55	52/53	45	30	70	70	60	58/59	50	40	
		Reinforced[o]	1 2½-ton bolster truck and 1 2½-ton bolster trailer per 3.3 meters of bridge	1 co / 3–4	2 co / 4–7	2 co to 1 bn / 7–12		100	100	100	60/65	70	40	105	105	105	75/74	85	55	110	110	110	88/85	100	70	
7	Mobile floating assault bridge-ferry (MAB) (US)		No of interior units = bridge length (m) – 20 / 7.92 (plus 2 ramp units)	(P) / ½–⅔	(P) / ⅔–1	(P) / 1–2	(P)	62/62	62/62	55/55	55/55																400 vehicles per hr, 30 meters' distance between vehicles[j]
8	Assault Float[q] Bridge (Ribbon Bridge)		1 M812 transporter per bay and per bridge boat	1 plt / ½	2 plt / 1/2–1	1 co (+) / 1–2	1 sec to 1 plt	75	65		60	45		80	70			65	50	(Ratings are tentative)						(unknown)

TENTATIVE

[a] Transportation for bridge equipment only. Additional needed for any construction equipment required and for troops.

[b] Average for trained troops and continuous daylight assembly. Allowances are required for specific situations and the longer spans.

[c] Includes unloading and assembly times in daylight only. Does not include time for construction of access roads, assembly sites, abutments, or anchorages. Time is based on use of trained troops and no delays. Average time with 2 assembly sites.

[d] Based on abutment at levels within 12 inches of floating bridge deck level.

[e] Vehicle anywhere on bridge deck between curbs. Speeds up to 40 kmph permitted but 24 kmph recommended. Vehicle spacing is 30 meters.

[f] Center of vehicle within 12 inches of bridge centerline. Maximum speed is 13 kmph. Vehicle spacing is 50 meters. No stopping, accelerating, or gear shifting.

[g] Center of vehicle within 9 inches of bridge centerline with guide. Maximum speed is 5 kmph. One vehicle on bridge. No stopping, accelerating, or gear shifting.

[h] Traffic capacities are for all traffic forward or rearward.

[i] Reduce capacity 20 percent for currents of from 3 to 3.6 m per sec.

[j] Based on favorable approach and ramp angle conditions.

[k] Ratings based on 18-balk curbs (166½ in) in 22 balk width superstructure.

[l] 60 ton tanks having tread widths of 143 inches or more may cross safely up to 2.3 m per sec.

[m] Depending on length of bridge and general conditions.

[n] Ratings based on use of reinforcing pontoon in end span and 18 balk between curbs (166½ in) in 22-balk-wide superstructure.

[o] Ratings based on use of double deck end span, 100-percent reinforced floating section, and 20 balk between curbs (185 in) in 24 balk wide superstructure.

[p] Only MAB crews are required, plus bank and access road preparation, as needed.

[q] Provisional data based on DRAFT doctrine being prepared for implementation.

LEGEND

Class for wheeled and tracked vehicles

Class for wheeled vehicles

Class for tracked vehicles

NOTE: Commanders and staff planners must exercise caution in using the construction times listed in table 6–27 (colm 3–5) to determine operational times for bridges

d. Table 6—28 provides the vehicle classification capacities for fixed spans construction from floating bridge components. In columns 3 through 17 the figure to the left of the diagonal (/) pertains to wheeled vehicles; the figure to the right pertains to tracked vehicles.

Table 6—28. Load Capacities of Fixed Spans Constructed From Floating Bridge Components

a. Class 60 Bridge

1	1	2	3	4	5	6	7	8	9	10	11	12	13
1	Type of bridge	Type of crossing	Capacities for specified clear span (ft)[a]										
			24	26	28	30	32	34	36	38	40	50	60
2	Cl 60, fxd-span cap	Norm	100[b]/120[b]	95/120[b]	80/115	65/105	60/95	55/85	50/75	45/65	40/60	30/30	20/22
		Caution	100/120	100/120[b]	87/120[b]	65/110	70/105	63/90	58/81	53/75	50/68	36/36	25/22
		Risk	100/120	100/120[b]	100/120[b]	90/120	85/120	75/110	68/100	65/90	60/83	45/50	30/28

b. M4T6 Bridge

1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	Type of bridge	Type of crossing	23-ft 4-in. span	Capacities for specified span length and ratio of deck to roadway widths													
				30-ft 0-in. span			38-ft 4-in. span				45-ft 0-in. span						
			22[c] / 18	22[c] / 18	22[c] / 16	24[c] / 18	22[c] / 18	22[c] / 16	24[c] / 18	26[c] / 18	20[c] / 16	22[c] / 18	22[c] / 16	24[c] / 18	24[c] / 16	26[c] / 18	26[c] / 16
2	M4T6 balk, fxd-span cap.	Norm	100/120[b]	65/85	70/90	70/90	35/45	40/50	45/55	50/65	24/25	24/25	30/30	30/30	35/40	35/40	40/45
		Caution	100/120[b]	80/100	80/100	85/105	51/70	51/70	55/75	60/82	35/40	40/46	40/46	43/51	43/51	46/56	46/56
		Risk	100/120[b]	90/110	90/110	95/115	57/78	57/78	62/85	67/90	40/47	45/54	45/54	49/60	49/60	53/66	53/66

[a]Tracked vehicle class/wheeled vehicle class.

[b]Limited by roadway width.

[c]$\frac{\text{Width of bridge—no of balk}}{\text{Width of roadway—no of balk}}$

e. Tables 6—29, 6—30, and 6—31 provide construction data and vehicle classification capacities for military fixed bridges constructed from standard bridge components. Capacities are expressed as wheeled over tracked (W/T).

Table 6—29. Classes of Bailey Bridge M2 (by Type of Construction and Type of Crossing)

Bridge length (feet)	Single-single			Double-single			Triple-single			Double-double			Triple-double			Double-triple			Triple-triple		
	Norm	Caution	Risk	Norm	Caution	Risk	Norm	Caution	Risk	Norm	Caution	Risk	Norm	Caution	Risk	Norm	Caution	Risk	Norm	Caution	Risk
30	30/30	42/37	47/42																		
40	24/	36/34	40/38																		
50	24/	33/31	36/35	75/70	83/86	88/84															
60	20/	30/29	33/32	65/65	77/73	85/79															
70	20/	24/	30/30	60/60	68/69	78/75															
80	16/	20/	24/	50/55	60/60	66/64	85/80	95/90	100*/90*												
90	12/	16/	19/	40/45	50/50	55/55	65/65	74/75	82/82												
100	8/	12/	14/	30/30	37/39	42/44	50/55	57/60	64/66	80/80	86/90	96/90									
110				20/	30/32	34/36	35/40	47/49	52/54	65/70	72/76	80/83	90/90*	100*/90*	100*/90*						
120				16/	23/	27/30	30/35	38/41	43/45	45/55	57/61	64/68	75/80	83/90*	91/90*						
130				12/	18/	21/	20/	31/33	35/38	35/45	47/50	53/56	55/60	65/72	74/80	70/80	80/90*	90/90*			
140				8/	14/	17/	16/	24/	29/31	30/35	39/42	44/48	45/55	57/62	64/70	70/70	80/90*	88/90*			
150							12/	18/	22/	24/	32/35	36/40	35/45	47/51	54/58	60/60	77/85	85/90*			
160							8/	15/	17/	16/	25/	30/33	30/35	37/41	45/48	55/55	69/78	80/89	80/75	100/90*	100*/90*
170							4/	10/	13/	12/	19/	24/	20/	31/34	37/40	45/50	57/64	64/74	70/70	80/90*	90/90*
180										8/	15/	18/	16/	24/	29/32	35/45	48/53	55/60	55/60	66/75	77/87
190													12/	18/	22/	30/35	39/43	46/51	45/55	59/66	68/77
200																20/	32/36	38/43	35/40	48/52	55/62
210																16/	25/	31/35	24/	38/43	46/51

AL-0002

*Limited by roadway width.

Notes:
1. First figure represents wheeled load class.
   Second figure represents tracked load class. *Example:* 46/51
2. Bridges which have a normal rating over class 70 must be constructed with double transoms.
3. Single classification is designated below class 30.
4. Cribbing and wedges are used under the middle of end transoms in bridges of class 40 or over.
5. Cribbing and wedges are placed under the midspan of ramps on bridges of class 45 or over.

Table 6–30. Logistic and Construction Data for Military Fixed Highway Bridges

1	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Item	Panel bridge, Bailey-type, M2							Beam bridges				Truss and girder bridges	
		Effective length of bay, 10 ft							I-beam stringers		WF-beam stringers		Truss	Girder
		Single truss single story	Double truss single story	Triple truss single story	Double truss double story	Triple truss double story	Double truss triple story	Triple truss triple story	30-ft span	60-ft span	27-in. deptb	36-in. depth	90-ft span	48-in. depth
2	Weight per bay (STON)	2.76	3.41	4.01	4.66	5.88	6.46	8.29	12.9	35.3	31.2	116.0	49.9	177.0
3	Cubage per bay (MTON)	9.00	11.00	13.00	14.00	18.00	20.00	26.00	15.5	36.0	28.5	105.0	70.7	142.4
4	Type of issue (cl)	II	II	II	II	II	II	II	IV	IV	IV	IV	IV	IV
5	Transportation per bay	3.40/ 1.0	2.20/ 0.70	2.60/ 0.70	3.00/ 0.70	3.80/ 0.90	3.70/ 0.80	5.50/ 0.90	No data aval		No data aval		No data aval	
6	Man-hours to erect 1 bay	58.00	37.00	49.00	63.00	98.00	161.00	281.00	No data aval		No data aval		No data aval	

*Table 6–31. Data for Medium Girder Bridge (MGB)**

SSB length Vs gap width							DSB length Vs gap width					
	Bridge length		Maximum gap width			Bridge bldg times (min)	Bridge length		Maximum gap width			Bridge bldg times (min)
No bays	Meters	Feet	Meters	Feet	Load class	day/night	Meters	Feet	Meters	Feet	Load class	day/night
4	7.9	26	6.1	20	NA	NA	16.8	55	14.3	47	NA	NA
5	9.8	32	7.9	26	60	30/45	18.6	61	16.2	53	NA	NA
6	11.6	38	9.8	32	50	NA	20.4	67	18.0	59	NA	NA
7	13.4	44	11.6	38	40	NA	22.3	73	19.8	65	NA	NA
8	15.2	50	13.4	44	30	45/60	24.1	79	21.7	71	NA	NA
9	17.1	56	15.2	50	24	NA	25.9	85	23.5	77	NA	NA
10	18.9	62	17.1	56	20	NA	27.7	91	25.3	83	NA	NA
11	20.7	68	18.9	62	16	60/75	29.6	97	27.1	89	NA	NA
12	22.6	74	20.7	68	NA	NA	31.4	103	29.0	95	60	90/120

*All data *provisional,* pending publication.

6–18. Field Fortifications

The figures given in tables 6–32 through 6–35 are for daylight; for work at night, increase labor requirements by 50 percent.

a. Personnel and Weapon Emplacements. Table 6–32 lists the characteristics of typical personnel, individual weapon, and crew-served infantry weapon emplacements. Data in these tables are taken from FM 5–15, which should be used if greater detail is required.

Table 6–32. Typical Personnel, Individual, and Crew-served Weapon Emplacements

1	2	3	4	5	6	7	8	9	10	11	12
	Protection afforded				Total construction time in man-hours[b]			Weight and volume of materials for complete revetment			
					Complete revetment		No revetment materials used	Corrugated metal construction		Sized lumber construction	
1 Type of emplacement or shelter[a]	Fortification protection (NUCWPN)	Thermal affects (NUCWPN)	Track vehicles	Artillary fragments	Corrugated metal constr	Sized lumber constr		Wt (lbs)	Vol (CF)	Wt (lbs)	Vol (CF)
2 Improved crater	90	Fair	Very poor	Poor	NA	NA	0.5	NA	NA	NA	NA
3 One-man foxhola–open[c]	65	Vary good	Good	Good	3.5	4 5	2.0	190	3.5	240	8.0
4 One-man foxhole w/half cover/dragon[c]	55	Very good	Fair	Very good	4.5	5.5	2.5	200	3.5	200	8.0
5 Two-man foxhole–open[c]	65	Good	Good	Good	6.0	8.0	3.0	280	5 0	320	10.0
6 Two-man foxhole w/half cover[c]	60	Very good	Fair/good	Very good	8.0	10.0	3.5	280	5.0	350	11.0
7 Tranch, open fighting (25 ft long)	85	Good	Fair	Fair	28.0	32.0	21.0	490	8.0	710	22.0
8 Machine-gun empl, horseshoe w/cover	55	Very good	Fair	Very good	11.0	14.0	NA	720	13.0	890	27.0
9 Two-man foxhole machinegun empl w/half cover[c] and adjoining shelter	30	Excellent	Good	Excellent	10.0	28.0	NA	520	7.5	850	30.0
10 Pit-type empl for recoilless rifle/ton	80	Fair	Fair	Fair	5.0	6 0	3.0	110	1.0	160	5.0
11 Mortar empl, 81-mm	80	Fair	None	Fair	12.0	NA	NA	210	3 0	NA	NA

[a]See FM 5–15 for details and more specific applications.
[b]Assumes normal digging capability in daylight w/trained troops using D-handle shovels and ordinary carpentry tools.
[c]All foxholes are parapet foxholes.

b. Man-hour Requirements. Using axes and chainsaws, 4 man-hours' labor is required for clearing 100 square yards of brush and a few trees up to 12 inches in diameter; for clearing brush only, 2 man-hours' labor is required.

c. Barbed Wire Obstacles.

(1) Table 6–33 lists the physical characteristics of materials used in barbed wire and barbed tape entanglements.

Table 6–33. Wire Entanglement Material Requirements

Material	Approximate weight		Approximate length		No carried by one man	Approximate weight of man-load	
	kg*	lb	meters	feet		kg	lb
Barbed wire reel	41.5	91.3	400	1312	½	21	46
Bobbin	3.5– 4.0	7.7– 8.8	30	98	4–6	14.5–24.5	32–54
Barbed tape dispenser	0.77	1.7	0.45	1.5	20	15.5	34
Barbed tape carrying case	14.5	31.9	300	984	1	14.5	32
Standard barbed tape concertina	14	31.8	15.2	50	1	14	31
Standard barbed wire concertina	25.4	55.8	15.2	50	1	25	55
Expedient barbed wire concertina	13.5	29.7	6.1	200	1	13.5	30
Screw pickets:							
Long	4	8.8	1.6	5.25	4	16.3	36
Medium	2.7	5.9	0.81	2.66	6	16.3	36
Short	1.8	3.9	0.53	1.75	8	14.5	32
U-shaped pickets:							
Extra long	7.25	16	2.4	7.9	3–4	21.8–29.0	26–64
Long	4.5	9.9	1.5	4.9	4	18.1	40
Medium	2.7	5.9	0.81	2.66	6	16.3	36
Short	1.8	3.9	0.61	2.0	8	14.5	32
Wooden pickets:							
Extra long	7.7–10.5	16.9–23.1	2.13	7.0	2	15.4–20.8	34–46
Long	5.4– 7.25	11.8–15.9	1.5	4.9	3	16.3–21.7	36–48
Short	1.4– 2.7	3– 5.9	0.75	2.5	8	11.0–21.7	24–48

*Kilogram (kg).

(2) Table 6–34 lists the material and labor requirements for constructing 300-meter sections of various types of barbed wire obstacles. This table and the following rules of thumb may be used to estimate the material, manpower, and transportation requirements for barbed wire obstacles.

(a) Length of tactical wire entanglement is 1½ times the length of front times the number of belts.

(b) Length of protective wire entanglement is 5 times the length of front times the number of belts. Protective wire for units is 2½ times the average platoon frontage times the number of platoons involved.

(c) Length of supplementary wire in front of the forward edge of the battle area (FEBA) is 1¼-times the length of front times the number of belts. Length of supplementary wire behind the FEBA is 2½ times the distance from the FEBA to the rearmost reserve unit times the number of belts.

Table 6–34. Material Requirements for Construction of 300 Meters of Expedient Concertina Wire Entanglements

	1	2	3
		Kilograms of materials per 300 m of entanglement[a]	Man-hours to erect 300 m of entanglement[b]
1	Type of entanglement	Std concertina/barbed tape	
2	Double-apron, 4- and 2-pace	1380/1050	59
3	Double-apron, 6- and 3-pace	1080/780	49
4	High wire (less guy wires)	1590/1200	79
5	Low wire, 4- and 2-pace	1080/840	49
6	4-strand fence	660/540	20
7	Double expedient concertina	2070/	40[c]
8	Triple expedient concertina	3120/	99[c]
9	Triple standard concertina	2370/1620	30[c]

[a]Average weight when any issue metal pickets are used.

[b]Man-hours are based on the use of screw pickets. With the exception of the triple-standard concertinas, add 20 percent to the man-hours when driven pickets are used. With experienced troops, reduce man-hours by one-third. Increase man-hours by 50 percent for nightwork.

[c]Based on concertinas being made up in rear areas and ready for issue. One expedient concertina opens to 6-meter length, as compared with 15 meters for a standard concertina for ties.

6–19. Minefields

a. General. For detailed information on mine warfare, see FM 20–32 and FM 20–32A.

b. Standard Landmines. Table 6–35 provides data on standard landmines to include the M56 scatterable mine. (See also FM 5–34.)

Table 6–35. Standard Landmines

1	1 LIN	2 Type	3 Unit wt (lb)	4 No per container	5 Gross wt (lb)	6 Cubage (cu ft)
2	M45945	Apers, M14	0.21	90	44	1.73
3	M46082	Apers, M16A2	8.0	4	44.8	0.78
4	M46493	Apers, M18A1	2.5	6	33	1.30
5	M48959	Apers, M23, cml VX	23	3	85	3.1
6	M46630	Apers, M26	2.2	18	60	1.5
7	M47863	At, M15	30.1	1	49	1.2
8	M48000	At, M19, HE HEAT	28	2	71.8	1.6
9	M48137	At, M21	17.25	4	90.8	4.2
10	M48205	At, M24	23.75	2	70	2.61
11	M48239	At, M66	26	1	30	1.30
12	M48822	Cml, 1-gal	11.0	10	115	2.0
13	M48996	At, M56 scatterable*	5.6	80	640	9.6

*A certain percentage of these mines have antihandling and antiroller devices. Exact percentage is classified.

c. Minefield Estimates. Table 6–36 may be used for initial estimates of materiel, transportation, and labor requirements to emplace various minefields. The table is based on a standard pattern (three strips for protective, eight for defensive, and nine for barrier minefields). No safety factor for loss or damage to mines and fuzes in transport is included in the data. Normally, there is a 10-percent allowance for such loss.

Table 6–36. Manpower, Materiel, and Transportation Requirements for Emplacement of Minefields

1	Item	2	3	4
		Units per 1,000 meters of minefield		
		Protective[b]	Tactical [c]1–2–2	Tactical [c]3–4–8
2	Manpower [d]			
3	Man-hours	370 0	918 0	2,403 6
4	Platoon hours (30 men)	12 3	30.1	80 2
5	Company-days (3 plt, 10 hr per day)	0 4	1 0	2 7
6	Tonnages			
7	Short tons	10 83	44 22	110 95
8	Measurement tons	16 43	48 49	126 14
9	Trucks required			
10	2½-ton (M35)—4 tons or 407 cu ft	2 7	11.1	27 8
11	5-ton (M54)—6 tons or 513 cu ft	1.8	7 4	18.5
12	5-ton (M51)—7½ tons or 135 cu ft	4.9	17 5	52 75
13	Antitank mines	500 0	1,224 0	3,424 0
14	Metallic (M15)	[e](125 0)	[e](979 0)	[e](2,739 0)
15	Nonmetallic (M19)	..	(245 0)	(685.0)
16	Mine, shaped-charge (M21)	(375.0)	...	...
17	Antipersonnel mines.			
18	Blast (M14 or M25)	1,000.0	2,447 0	9,047 0
19	Fragmentation (M16A1)	...	2,447 0	4,647.0
20	Directional (M18A1)	1,000 0	...	...
21	Firing devices	...	[f]123 0	91,370 0
22	Trip flares (M49)	100 0	100 0	100 0
23	Barbed wire (400 yd reel)[h]	...	9.3	11 6
24	Pickets, long	...	124.0	150 0

[a] Due to the nature of point, interdiction, and phoney minefields, it is not considered possible to estimate the manpower, materials, and transportation requirements for these types of minefields. These will be decidad for each situation by the commander

[b] No irregular outer edge (IOE) exists in protective field Protective minefield based on minimum of 6 meters between AT mines and 5 meters between M18A1 mines in rows. Also based on a minimum of 9 rows in the minefield.

[c] The IOE cluster composition for tactical minefield is 1–2–2

[d] Based on laying rate of 4 antitank, 8 antipersonnel fragmentation, or 16 antipersonnel blast mines per man-hour.

[e] Reduce number of AT mines in tactical minefield 50 percent when using M21 mines in place of M15 mines.

[f] Five percent of M15 and M19 boobytrapped with two devices

[g] Twenty percent of M15 and M19 boobytrapped with two devices.

[h] Sides and rear of minefield only.

d. Minefield Clearance. Table 6—37 may be used for initial estimates of time and materiel requirements for clearing or breaching minefields.

Table 6–37. Minefield Avaraga Breaching/Clearing Time and Material Requirements

Method	Width of cleared lane (in meters)	Man-hours rqr per 100 meters	Remarks
Manual			
Locetion by probing	1 (footpath)	16—22	See note.
Removal by rope or explosives	8 (one-way vehicle lane)	38—44	See note.
Location by detector, assisted by probing	8 (one-way vehicle lane)	27—33	See note.
Removel by rope or explosives	8	220—247	See note.
Explosive			
Demolition snakes, M3A1	6	40—100	
Demolition snake M157 (Diamond Lil)	3.5—4.5	6—8	+6 —8 manhours to assemble
8angalore torpedo	1 (footpath)	3.5—4.5	See note.

NOTE: Based upon average conditions of visibility and moderate enemy activity and normal US countermeasures; i.e., screening of enemy observation and counterbattery fires against hostile artillery or other weapons covering the field.

e. Artificial Obstacle Requirements. Table 6—38 may be used for initial estimates of types of materiel and manpower requirements for artificial obstacles.

Table 6–38. Average Requirements for Artificial Obstacles (400 Square Kilometers)

1	1	2	3	4	5	6	7	8	9	10	11	12	13
		Defensive operations				Retrograde operations				Offensive operations			
1	Item and unit	Easy movemant	Moderate movement	Difficult movement	Very difficult movemant	Easy movement	Moderate movement	Difficult movement	Very difficult movement	Easy movement	Moderate movement	Difficult movement	Very difficult movement
	Obstacles												
2	Highway bridges (each)	40.0	35.0	30 0	15.0	35.0	30.0	20 0	15 0	4 0	4.0	3 0	2 0
3	Railroad bridges (each)	3.0	3.0	3.0	2.0	3 0	3 0	3 0	2.0				
4	Tunnals (aach)				1 0				1 0				
5	Abatis (each)	7.0	15 0	25.0	30 0	6 0	8 0	12 0	14.0	1 0	1.0	1 0	1.0
6	Road craters (each)	75 0	68.0	68.0	66 0	28 0	28.0	30 0	36 0	1 0	1 0	1.0	2 0
	Barbed-wire entanglemants												
7	Double apron 4 2 paca (km)	25.0	25.0	25.0	25 0	2.5	2.5	2 5	2 5				
8	4-strand protectiva (km)	10.0	10.0	10.0	10.0	1.0	1.0	1 0	1 0				
9	Triple concertina (km)	6.5	6.5	6 5	6.5	0 5	0.5	0 5	0 5				
	Materiel												
10	Antitank mines (each)	58,117.0	44,478.0	29,953 0	15,678.0	10,577.0	8,841.0	6,075.0	4,012.0	2,030 0	1,360.0	842.0	342.0
11	Antipersonnel mines Fragmentation (each)	115,122 0	93,914.0	63,469.0	34,996 0	59,647 0	51,013.0	36,567 0	25,253 0	4,017 0	2,679.0	1,900.0	1,700.0
12	Blast (each)	198,270 0	153,820.0	100,874.0	52,538.0	42,911 0	37,024 0	23,987.0	17,078.0	6,741 0	4,228.0	2,892 0	2,692 0
13	Firing devices, assorted (each)	16,761.0	12,844.0	8,722.0	4,569.0	3,396 0	2,837 0	2,007 0	1,315 0	499 0	337 0	187.0	187.0
14	Trip flares	3,655.0	3,275.0	2,855.0	2,475.0	400 0	358 0	300.0	258 0	100 0	70 0	30 0	30.0
15	Explosivas (total) (lb)	99,000.0	93,800.0	93,800 0	88,600.0	65,300.0	60,300 0	54,500 0	52,600 0	5,100 0	5,100 0	4,100.0	3,100 0
16	Barbed wira (400-yd reels)	1,214.6	1,172 9	1,126 8	1,084 0	120 0	110.0	110.0	108 7	56	3.4	2.3	2.3
17	Concertina coils (each)	1,281.0	1,281.0	1,281 0	1,281.0	98.6	98 6	98 6	98 6				
18	Short tons	2,291.2	1,820.4	1,324 8	826.0	655.3	559.7	415 6	301 4	72 5	49.7	32 9	30.0
19	Measuremant tons	2,473.7	1,948 0	1,383.2	827 8	610.1	519 3	372.3	265 5	79 6	53 6	3 7	30.8
	Manpower												
20	Platoon-hours (30 men)	1,981 0	1,600 0	1,174 0	753.5	596.6	512 6	382 6	281 9	63 0	43 0	29 8	27.2
21	Battalion-days (10-hr day, 4 co, 3 plt each)	16.5	13 3	9 8	6.3	5.0	4 3	3 6	2 3	0 5	0 4	0 3	0 2

Notes. 1. Terrain types having following characteristics

a Movemant.

(1) *Easy.* Rolling or leval, mostly open, trafficabla land. (No one obstacle or combination of obstacles comprises more than 25 percent of the area.)

(2) *Moderate.* Low hills, scattered forest, poorly drained land. (Any one type of obstacle or combination of obstacles comprises 25 to 50 percent of the area.)

(3) *Difficult.* High hills, broken forests, poorly drained land. (Any one type of obstacle or combination of obstacles comprises 50 to 75 percent of the area.)

(4) *Very difficult.* Mountains, forests, marshes. (Any one type of obstacle or combination of obstacles comprises 75 percent of the area.)

b. Obstacles.

(1) Hills and mountains—steep slopes and rough terrain.

(2) Forests—dense woods with trees that are large enough to stop tanks.

(3) Marsh—wet, swampy, untrafficabla ground.

2. Does not includa tactical wire

6–20. Demolitions

Table 6–39 may be used for initial estimates of materiel and manpower requirements for the more common types of demolition tasks required in creating obstacles. See FM 101–10–3 for classified data and FM 5–25 for unclassified details on demolitions.

Table 6–39. Materiel and Manpower Requirements for Demolition of Individual Barrier Targets

1	1 Target	2 C–4 (lb)	3 TNT (lb)	4 Cratering charge (40-lb)	5 Shaped charge (40-lb)	6 Thermite grenades (each)	7 Squad-hours (10 men)
	Highways						
2	Major bridge (more than 400 ft)	600		20			3.0
3	Minor bridge (up to 400 ft)	400		15			2.0
4	Tunnel		12,000				5.0
5	Road crater (deliberate 25 ft road)		500	10	6–15		1.25
	Railroads						
	Major bridge (more than 400 ft):						
6	Single track		3,000				6.0
7	Double track		4,500				6.0
	Minor bridge (up to 400 ft):						
8	Single track		2,000				4.0
9	Double track		3,000				4.0
10	Tunnel		12,000				5.0
11	Terminal facilities	542	30			43	3.2
12	Rolling stock (locomotive and 30 cars)	6				121	3.2
	Airfields						
13	Runaway (per 1,000 ft)		5,500		25		8.0
	Fuel storage (per tk):						
14	Below ground		400			1	1.0
15	Above ground				1	1	0.2
16	Radar/radio apparatus		30			10	0.4
	POL facilities						
17	Storage and handling	4		15		10	1.2
18	Refining facilities	80				15	0.8
19	Distribution	10				2	0.2
	Electric power denial						
20	Generator		150			10	1.0
21	Transformer station		100			25	1.0
	Telecommunication denial						
22	Telegraph exchange	10				1	0.1
23	Telephone exchange	20				2	0.2
24	Repeater/radio station	40				2	0.2
25	Radio station	40					0.2
26	Radio link terminal	40					0.2
	Waterway denial						
27	Lock	110					0.6
28	Weir		1,000				2.0
29	Levee wall, aqueduct, or siphon			15			2.0
30	Dam (navigation)	500					2.5
31	Inland port facilities	20	20				0.4

NOTE: Where data in columns in 2–6 inclusive appear in more than one column for a given target *all* of the materiel shown are required for demolition of that target.

6–21. Ford Trafficability

Data in table 6–40 are based on a moderate current (not more than 1.5 meters per second), hard bottom: and hard, dry approaches. Suitable waterproofing may materially increase fording depths of vehicles.

Table 6–40. Fording Data

	1	2	3	4
1	Type of traffic	Fordable depth (m (ft))	Minimum width (m (ft))	Maximum desirable slope for approaches (percentage)
2	Foot	1.0 (3.3)	1.0 (3.3) (single file) 2.0 (6.6) (colm of 3's)	100
3	Trks and trkdr arty	0.6 (2.0)	3.7 (12.0)	33
4	Lt tks	1.0 (3.3)	4.3 (14.0)	50
5	Mdm tks *	1.2 (4.0)	4.3 (14.0)	50

*Depths up to 4.3 meters (14.1 ft) can be negotiated with deep-water fording kit.

6–22. Load-Bearing Capacity of Ice

The strength of ice varies with the structure of the ice, the purity of the water from which it forms, the cycle of formation (freezing, thawing, and refreezing), temperature, snow cover, and water currents. Tables 6–41 and 6–42 are based on the characteristics of good-quality waterborne ice. They may be used as guides until actual load tests are made to determine the load-bearing capacity of the ice.

Table 6–41. Ice Load-Carrying Capacity for Sleds

	1	2
1	Ice thickness (cm (in))	Gross sled weight (tons)
2	15.0 (6.0)	1
3	17.5 (7.0)	2
4	23.0 (9.0)	5
5	33.0 (13.0)	10
6	40.0 (16.0)	15
7	46.0 (18.0)	20

Table 6–42. Ice Load-Carrying Capacity for Personnel and Equipment

	1	2	3	4
1	Type of load	Gross weight (tons)	Minimum ice thickness (cm (in))	Minimum distance between loads (m (yd))
2	Soldier on skis or snowshoes	0.1	3.0 (1.2)	5.0 (5.5)
3	Soldier on foot	0.1	5.0 (2.0)	5.0 (5.5)
4	Infantry (col of 2's)		7.6 (3.0)	7.3 (8.0)
5	Infantry (col of 4's)		10.0 (4.0)	10.0 (11.0)
6	Wheeled-vehicle loads up to	3.5	23.0 (9.0)	15.0 (16.5)
7	Wheeled-vehicle loads up to	6.0	30.0 (12.0)	20.0 (22.0)
8	Wheeled-vehicle loads up to	10.0	40.0 (16.0)	25.6 (28.0)
9	Wheeled-vehicle loads up to	15.0	61.0 (24.0)	30.0 (33.0)
10	Tracked-vehicle loads up to	3.5	20.0 (8.0)	15.0 (16.5)
11	Tracked-vehicle loads up to	10.0	30.0 (12.0)	20.0 (22.0)
12	Tracked-vehicle loads up to	12.5	40.0 (16.0)	25.6 (28.0)
13	Tracked-vehicle loads up to	25.0	61.0 (24.0)	40.0 (44.0)
14	Tracked-vehicle loads up to	45.0	71.0 (28.0)	50.0 (55.0)
15	Tracked-vehicle loads up to	60.0	81.0 (32.0)	60.0 (66.0)

NOTE: (1) Ice must be almost pure (not polluted water), (2) it must *not* have been refrozen (partially thawed and frozen again), and (3) it must be relatively free of air bubbles.

Section V. MAPPING

6–23. Topographic Products and Related Materials

a. Topographic products are intelligence items produced by DOD agencies and Army Engineer units in support of the Army in the field. Topographic products are divided into (1) mapping, charting, and geodesy (MC&G) products; (2) military geographic information (MGI); (3) military geographic documentation (MGD); and (4) remote sensed imagery (photographic and nonphotographic sensors).

b. Types of Topographic Products.

(1) *Planimetric map.* A map that represents only the horizontal positions for features represented. It is distinguished from a topographic map by omission of relief in measurable form.

(2) *Topographic map.* A map that presents relief or the vertical positions of features in measurable form, as well as their horizontal positions.

(3) *Photomap.* A reproduction of a photograph or photomosaic upon which gridlines, marginal data, place names, and boundaries are added and which, in some instances, depicts relief graphically.

(4) *Military city map.* A large-scale topographic map (usually 1:12,500) of a town or city.

(5) *Special maps.* Maps designed for a special purpose such as trafficability maps, transportation maps, boundary maps, etc.

(6) *Photomosaic.* Assembly of air photographs to form a composite picture.

(7) *Joint operations graphics (JOG).* A series of 1:250,000 scale military maps designed for joint ground and air operations. The maps are published for ground (JOG-G), air (JOG-A), and radar (JOG-R). The three versions are produced from the same data base. The topographic information is identical on both JOG-G and JOG-A. JOG-G shows elevations and contours in feet. JOG-G and JOG-A emphasize the air landing facilities, but JOG-A has additional symbols to identify aids and obstructions to air navigation. JOG-R provides for planning, training, briefing, and execution of bombing operations and includes radar prediction, precise location of selected radar significant features, and annotation of targets.

(8) *Pictomap.* PICTOMAP is the acronym for Photographic Image Conversion by Tonal Masking Procedures. It is a map on which the photographic imagery of a standard photomap has been converted into interpretable colors and symbols.

(9) *Planning graphics.* 1:100,000 scale map prepared by enlarging, updating and intensifying a portion of 1:250,000 scale map. It is a substitute product for the 1:50,000 line map in areas where up-to-date identification and relative location of key terrain and man-made features are more important than positional accuracy.

(10) *Tactical commanders terrain analysis (TACCTA).* Special map and graphic intelligence aid consisting of photographs, text, and maps overprinted with intelligence data; usually covering a small geographic area.

(11) *Lines of communication (LOC) study.* The study presents an analysis of the main lines of communication within an area. Terrain topics include road nets, rail lines, waterways and ports, beaches, airlines, telephone and telegraph lines, pipelines, and radio nets. The study includes special maps which show the nets with description and diagrams. The study also includes the logistics and maintenance capabilities of individual facilities.

(12) *Tactical scale study.* This is a series of large scale map sheets on which the basic topographic information has been subdued and terrain intelligence has been overprinted to emphasize the primary use of the product. The overprints include cross-country movement maps, road nets, waterways, and other such special terrain data. Any commander may request a study be completed on his area of operations or he may request an update of information or that specific new overlays be added to the study.

(13) *Trig lists.* These contain all available positional data and elevations with the respective descriptions of horizontal and/or vertical control points, usually arranged according to the location of the control points within the limits of map sheets of large-scale series.

(14) *Gazetteer.* An alphabetical listing of place names giving features identification and geographic and/or grid coordinates.

(15) *Remote sensed imagery.* Includes various formats of black and white, color, infrared, and radar imagery.

c. *Topographic Products.* Detailed discus-

sions of various types of Topographic Products are contained in FM 5—35, FM 30—10, FM 21—26, TM 30—245, and AR 115—11.

d. Requirement for Maps. The quantities of maps required for an operation are calculated using the following formula:

$$\text{Total copies (each scale)} = \begin{matrix}\text{Coverage}\\ \text{for a}\\ \text{scale}\end{matrix} \times \begin{matrix}\text{initial}\\ \text{issue}\end{matrix} + \begin{matrix}\text{replenish-}\\ \text{ment}\end{matrix}$$

(1) The coverage for a specific scale for an area of operation is determined from the appropriate DOD, Defense Mapping Agency Catalog of Maps, Charts, and Related Products:

Part 1 — Aerospace Products
Part 2 — Hydrographic Products
Part 3 — Topographic Products

Volume I	— World—Small and Medium Scale
II	— Europe, Africa, and Middle East—Large Scale and City Maps
III	— Asia Mainland—Large Scale and City Plans
IV	— Australia and Island of Pacific—Large Scale and City Plans
V	— Western Hemisphere—Large Scale and City Maps
VI (S)	— Classified Maps and Related Products (U)—All Scales

Part 4 — Air Target Material Products

(2) Initial issue—see paragraph 6—23*e* for typical planning factors.

(3) Replenishment requirements.

Small Scale	—50 percent of initial requirements.
Medium Scale	—100 percent of initial requirements.
Large Scale	—100 percent of initial requirements.

e. Copies for Initial Issue.

(1) *Small-scale maps.* Small-scale (1:40,000,000; 1:10,000,000; 1:5,000,000; and 1:1,000,000) maps are issued in small quantities to headquarters only. The basis of issue is the unit headquarters and quantities vary in proportion to size of unit.

(2) *Medium-scale maps.* Medium-scale (1:500,000; 1:250,000; and 1:100,000) maps normally are issued in small quantities to headquarters only. Quantities vary in proportion to size of unit.

(3) *Aeronautical charts.* Issued in small quantities to headquarters plus two per organic Army Aircraft plus one per air defense artillery fire unit.

(4) *Joint operation graphics—ground—air (JOG—G and JOG—A).* Issued in small quantities to headquarters plus two per organic Army Aircraft.

(5) *Road maps.* Issued one per vehicle and in limited quantities to unit headquarters.

(6) *Large-scale (1:50,000 and larger) maps.* Planning factors for large scale maps vary with the type and mission of unit. The company is basic unit for computing large-scale map requirements. Headquarters and service companies use the same basis as other companies.

Table 6—43. Large-Scale Map Issue Planning Factors

Unit Type	*Planning Factor*
Armored and infantry (mech)	Two copies per platoon, plus one per tank and carriage, plus two per armored personnel carrier with armament, plus two per organic Army aircraft, plus headquarters allowances.
Infantry and combat engineer	Two copies per platoon plus headquarters allowances. One copy per squad if a small unit operation.
Air assault (airborne)	Two copies per platoon plus headquarters allowances plus two per organic aircraft.
Field artillery	Headquarters and service batteries are same as for infantry unit. One copy per section for a firing battery plus one copy per forward observer and liaison officer.
Air defense	One copy per fire unit and two per headquarters for air defense artillery automatic weapons unit and forward area missile unit. One per officer for all other air defense artillery missile units.
Other units	One copy per officer plus one copy per reconnaissance noncommissioned officer.

Table 6–44. Headquarters Map Allowances

Unit	Small-scale maps	Medium-scale maps	Large-scale maps	Roadmaps	Aeronautical charts[a]	TACCTA
Army HQ	25	75	50	75	50	2
Corps HQ	15	40	75	50	25	3
Div HQ	5	25	55	50	10	4
Bde HQ	1	7	14[b]	15	3	2
Bn HQ	0	3	12[b]	5	0	3
Co HQ	0	1[d]	c&e	1	0	2

[a]Add 2 per organic aircraft.

[b]Bde and Bn needs for service units are 50 percent of those for combat unit.

[c]50 percent of the needs for combat company is [b] above or 1 copy per company, whose needs are based on officer strength.

[d]Add 1 per 3 administrative use vehicle.

[e]Add 1 per two track vehicles.

f. Gazetteers. Issued only to higher headquarters. Planning factors per medium-scale maps series are as follows:

Theater headquarters	25
Army headquarters	5
Corps headquarters	2
Bde headquarters	1

g. Trig lists. Issue based on number of map sheets covering a specific area. Following as planning factors and are per sheet/sheets of coverage.

NOTE: In most foreign countries, trig lists are classified CONFIDENTIAL.

Unit	*Number of trig lists*
(1) Army Engineer	1
Engineer bn (topo)	2
(2) Corps:	
Corps engineer	1
Engineers co (corps) (topo)	2
Corps artillery	10
Per weapons bn	1
(3) Infantry division:	
Division artillery	7
HHB	3
FA bn, 105-mm (towed) (ea 1)	3
FA bn, 155-mm (towed) 8-in (SP)	1
Division engineer	1
(4) Mechanized division	
Division artillery	11
HHB	3
FA bn, 155-mm (SP) (ea 2)	6
FA bn, 155-mm/8-in (SP)	2
Division engineer	1
(5) Armored division:	
Division artillery	11
HHB	3
FA bn, 155-mm (SP) (ea 2)	6
FA bn, 155-mm/8-in (SP)	2
Division engineer	1
(6) Airborne division:	
Division artillery	6
HHB	2
FA bn, 105-mm (towed) (ea 1)	3
Division engineer	1
(7) Air assault division:	
Division artillery	7
HHB	2
Avn btry	1
FA bn, 105-mm (towed) (ea 1)	2
FA bn, 105-mm (towed) (abn)	1
FA bn, aerial arty	1
Division engineer	1
(8) U.S. Army missile command. To be determined by the mission.	

h. Airphotos/Remote Sensed Imagery. An initial issue of basic coverage is made to field units according to their requirements. Typical initial issue of basic coverage is shown in Table 6–45.

i. Distribution. The organizational structure of the theater determines the specific method of obtaining topographic products. Basically the ordering instruction in DOD Defense Mapping Agency (DMA) Catalog of Maps, Charts, and Related Products and AR 115–11 will be followed. For terrain intelligence documents other than

those listed in DOD catalogs use theater listings or catalogs for product type and availability. Figure 6–1 portrays the normal flow for requisition and supply of topographic products.

Table 6–45. Typical Initial Issue of Basic Cover–Air Photos (B/N)

	1	2	3	4	5	6	7
1	Unit or agency	Number of sets	Depth into enemy territory (km)	Number 9 x 9-in photos		Total (approx lb)	
				1:20,000	1:10,000	1:25,000	1:10,000
2	Army G2 (air recon spt bn)	(Based on 160-km width) 2 sets army zone/sector.	480	20,000	124,000	666	4,133
3	Army topo bn	(Based on 160-km width) 1 set army zone/sector.	480	10,000	62,000	333	2,066
4	Army G2 (PI sec)	(Based on 160-km width) 1 set army zone/sector.	480	10,000	62,000	333	2,066
5	Corps G2 (PI sec)	(Based on 55-km width) 1 set corps zone/sector.	160	1,200 ea corps	7,175 ea corps	40 ea corps	240 ea corps
6	Corps topo co	(Based on 55-km width) 1 set corps zone/sector.	160	1,200 ea corps	7,175 ea corps	40 ea corps	240 ea corps
7	Corps terrain det	(Based on 55-km width) 1 set corps zone/sector.	160	1,200 ea corps	7,175 ea corps	40 ea corps	240 ea corps
8	Corps arty (PI sec)	(Based on 55-km width) 1 set corps zone/sector.	160	1,200 ea corps arty	7,175 ea corps arty	40 ea corps arty	240 ea corps arty
9	Div G2 (PI sec)	(Based on 15-km width) 2 sets division zone/sector.	80	400 ea div	2,110 ea div	17 ea div	140 ea div
10	Div arty (PI sec)[1]	(Based on 15-km width) 1 set division zone/sector.	80	200 ea div arty	1,055 ea div arty	7 ea div arty	ea div arty

[1]Attached to division from military intelligence battalion.

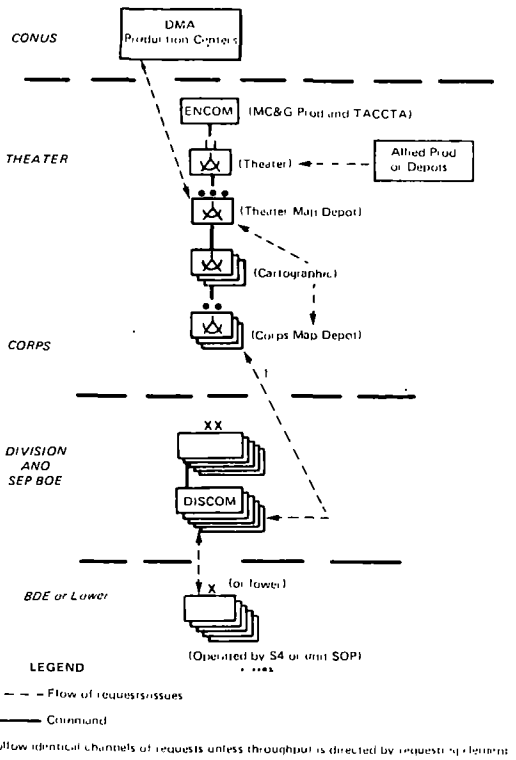


Figure 6–1. Requisition and supply of topographic products (theater of operations).

CHAPTER 7
SITUATIONALLY DEPENDENT COMBAT PLANNING FACTORS

Section I. GENERAL

7–1. Purpose and Scope

a. Purpose. This chapter is for use as a guide by commanders and staff officers in estimating materiel losses and replenishment needs. In general, estimates will be based on the level of operation the fighting force is experiencing over a period of time.

b. Scope. Source data cutoff for material contained in this chapter is 1 November 1976. Consumption rates should be modified, as appropriate, to reflect variables, such as mission, weather, terrain, relative strengths of opposing forces, level of operation, and type of conflict. When available, actual experience factors should be used in conjunction with the data provided in this chapter.

7–2. Planning Factors

a. The planning factors in this chapter apply to a force fighting in a temperature zone, over representative terrain, against a modern, well-trained enemy force. Adjustment in factors is needed when conditions differ significantly from the conditions described.

b. In general, the senior headquarters in the theater or appropriate army group headquarters, if applicable, will plan considerably in advance and for more than one tactical action. The division, corps, and, when existent, numbered field army will plan in detail for the execution of an assigned mission. At the same time, these organizations conduct longer range planning for "prepare to" missions. Logistic supply and requirements planners should "average out" the conditions in the period for which they are planning.

c. Planners must be aware of the potential effect of force size on planning factors and take action to insure that the appropriate planning factors are used. Planners should consider that the planning factor for a particular item of materiel may not be the same for corps- and division-sized forces. For instance, when considering all the 155-millimeter howitzers in a corps-sized force, an appropriate planning factor may be 100 rounds per weapon per day during a protracted period. However, for a particular division in the force the appropriate planning factor might well be as much as twice the corps rate or 200 rounds per 155-millimeter howitzer per day during the same period. This situation can occur during a period in which one division of the corps is experiencing a heavy level of operation while other major combat elements of the corps are experiencing light or moderate levels of operation. Another example of the effect of force size on consumption can be drawn from bulk petroleum (class III). As the planner prepares the estimate of POL required to carry out the battle plan, he must envision the dynamics which occur in getting started as well as conducting the battle. The battle plan may call for an active defense with a single division covering the anticipated enemy breakthrough sector and with two or more divisions to enter the battle at the appropriate time to concentrate the defensive force at the intended point of breakthrough. The period after the enemy attack has begun until all defending divisions are fully deployed and engaged in the main battle area (MBA) is characterized by extremely high ammunition consumption and low to moderate POL consumption by the single division initially attacked and low ammunition consumption and extremely high POL consumption by the divisions moving into the MBA. To estimate POL and ammunition requirements, assuming the same consumption rate for all divisions, would not be necessary or appropriate under the circumstances described. A circumstance, such as the one described, calls for more refined planning procedures and the use of situationally dependent planning factors provided in this chapter.

7–3. Supply Discipline

Materiel availability in war is limited. Commanders and planners must calculate requirements based on disciplined control of expenditures and enforced standards of conservation. Commanders must supervise to insure discipline

and conservation. Skill, judgment, controls, and supervision are required to guard against unnecessary expenditures and the accumulation of nonessential stocks. Austerity and success in battle are mutually supporting because materiel saved becomes available for use when really needed. Skilled and disciplined planning and execution are thus necessary to mission accomplishment. Key to the practice of austerity are:

a. Establishment of priorities.

b. Determination of realistic replacement and expenditure rates.

c. Dependence on other Services for assistance in providing fire support.

d. Optimum use of all assets.

e. Adequate security for stocks and lines of communication.

f. Insuring that stocks can be moved as required.

g. Using host country resources to the maximum extent permitted.

h. Prompt evacuation or disposal of unservicable, obsolete, or excess supplies.

i. Willingness to assume a prudent risk.

j. Sound materiel management procedures with high asset visibility.

7–4. Levels of Operation

a. Levels of operation. These levels are determined based on the percentage of friendly force involvement (maneuver and fire support), the intensity of combat, and the probable commitment of next higher headquarters reserves (TABLE 7–1).

b. Reserve. Defined in AR 310–25.

c. *Uncommitted force.* A friendly force not yet committed to combat or one withdrawn from a higher level of operation for one or more reasons, such as excessive losses, need for retraining, or requirement for reassignment. Such a force may require replacement of personnel and equipment to bring it to authorized level of organization (ALO).

7–5. Intensities of Conflict

High intensity conflict: or more nations and their respective allies, if any, in which the belligerents employ the most modern technology and all resources in intelligence; mobility; firepower (including nuclear, chemical, and biological weapons); command, control, and communications; electronics warfare; and service support.

b. Mid-intensity conflict. War between two or more nations and their respective allies, if any, in which the belligerents employ the most modern technology and all resources in intelligence; mobility; firepower (excluding nuclear, chemical, and biological weapons); command, control, and communications; electronics warfare; and service support for limited objectives under definitive policy limitations as to the extent of destructive power that can be employed or the extent of geographic area that might be involved.

c. *Low-intensity conflict (type A).* Internal defense and development assistance operations involving actions by US combat forces to establish, regain, or maintain control of specific land areas threatened by guerrilla warfare, revolution, subversion, or other tactics aimed at internal seizure of power.

d. Low-intensity conflict (type B). Internal defense and development assistance operations

Table 7–1. Levels of Operation

Level of Operation	Percent of Commitment		Intensity of Combat	Commitment Higher Headquarters Reserves
	Maneuver	Fire Support		
Heavy	60+	100	all-out	probable
Moderate	30+	50+	continuous	not anticipated
Light	30–	50–	sporadic	no

involving US advice, combat support, and combat service support for indigenous or allied forces engaged in establishing, regaining, or maintaining control of specific land areas threatened by guerrilla warfare, revolution, subversion, or other tactics aimed at internal seizure of power.

Section II. SUPPLY PLANNING

A. Class III (POL)

7–6. Combat Vehicle POL Requirements

On the modern battlefield, tracked vehicles can be expected to operate 16 to 24 hours per day. They will travel different distances under different levels of operation. Tables 7—1 and 7—2 contain planning factors considered adequate for predicting POL requirements for the M60-series tank and the M113 armored personnel carrier. Situationally dependent data contained in table 7—2 has been derived from the Scenario—Oriented Recurring Evaluation System (SCORES) war gaming.

Table 7–2. Combat Vehicle POL Planning Factors

Part a. Non-situationally Dependent

	M60	*M113*
Fuel consumption on hard-surfaced road (GPK)	0.769	0.250
Fuel consumption cross country (GPK)	1.920	0.625
Combat-idle fuel consumption (GPH)	2.800	0.640
Hours of operation per day of combat	20	21
Average speed per hour of combat (KMPH)	10	10

Part b. By Level of Operation

Combat vehicle	*Level of operation*	*Distance (km)*	*Moving (hours)*	*Idling (hours)*	*Fuel (gal/hr)*	*Fuel (gal/day)*
	Heavy	64	6.5	13.5	8.0	161
Tank:	Moderate	48	4.8	15.2	6.7	135
M60	Light	32	3.2	16.8	5.4	109
	Heavy	93	9.3	11.5	3.1	65
Carrier:	Moderate	85	8.5	11.5	2.9	61
M113	Light	56	5.6	14.4	2.0	44

B. Class V

7–7. Ammunition Expenditures

a. Tables 7—3 and 7—4 are designed to provide the planner with ammunition requirements in rounds and short tons (STON). Table 7—3 presents data for the armored, infantry, mechanized, airborne, and air assault divisions; separate armored, mechanized, infantry, light infantry, and airborne brigades; air cavalry combat brigade; armored cavalry regiment with armored reconnaissance airborne assault vehicle (ARAAV); and armored cavalry regiment with M60A1 tank as described in FM 100—5 for protracted periods of combat. Table 7—3 represents those rates experienced by a force of division size or smaller that is heavily committed and firing at high rates of fire. Table 7—4 provides daily artillery ammunition requirements in rounds per weapon per day by level of operation.

b. The defense of position and attack of position (deliberately organized) are both divided into two time periods, first day and succeeding days. The first-day time period represents the first 24-hour period of engagement, and succeeding-days time period represents the second, third, and fourth day of the battle. The protracted period refers to days 6 through 15. The fifth-day ammunition requirements may be estimated by taking the average of the succeeding-days rate and the protracted rate.

c. Table 7—3 may also be used for estimating the ammunition expenditures per weapon for di-

visions or separate brigades in combat situations not stated in the table 7—3. For estimating such ammunition requirements, the percentages provided in paragraphs (1) through (8) below may be used as multipliers for the rates contained in table 7—3.

(1) Attack of position (permanent fortification): 100 percent of attack of position (deliberately organized).

(2) Attack of position (hastily organized): 100 percent of attack of position (deliberately organized).

(3) Covering force: 100 percent of defense of position.

(4) Inactive situation—80 percent of protracted period.

(5) Meeting engagement—200 percent of protracted period.

(6) Pursuit—40 percent of protracted period.

(7) Retrograde—59 percent of defense of position (succeeding days).

(8) Assault of hostile shore—100 percent of defense of position (succeeding days).

Table 7–3. Ammunition Per Type Unit Per Weapon Per Day Expressed in Rounds and STON[1]

Weapon	No of wpns	Packed wt/rd	Defense of Position: First day Rds/wpn	First day Total rds	First day STON	Succeeding days Rds/wpn	Succeeding days Total rds	Succeeding days STON	Attack of position (deliberately organized): First day Rds/wpn	First day Total rds	First day STON	Succeeding days Rds/wpn	Succeeding days Total rds	Succeeding days STON	Protracted period Rds/wpn	Protracted period Total rds	Protracted period STON
Armored Division			Part A Armored Division														
Armament pod, acft, 7 62-mm mg, M18	6	093	6,000	36,000	1 7	3,600	21,600	1.0	4,980	29,880	1.4	2,689	16,134	8	1,500	9,000	.4
Armament subsystem, helicopter, 20-mm auto-gun, M35	4	80	3,000	12,000	4 8	1,800	7,200	2 9	2,490	9,960	4 0	1,345	5,380	2 2	750	3,000	1 2
Armament subsystem, helicopter, 7 62-mm mg, lt, M23	13	093	840	10,920	5	509	6,617	.3	700	9,100	4	382	4,966	2	213	2,769	1
Armament subsystem, helicopter																	
7 62-mm mg	9	093	2,250	20,250	1 0	1,350	12,150	6	1,868	16,812	8	1,009	9,081	4	563	5,067	2
40-mm lchr	9	750	321	2,889	1 1	193	1,737	.7	266	2,394	9	144	1,296	5	80	720	3
Hi-rate, M28, A1																	
Armored reconnaissance airborne assault vehicle, M551																	
Ctg, 152-mm	27	60.00	9	243	7 3	5	135	4 1	7	189	5.7	4	108	3 2	2	54	1 6
S18 (Shillelagh)	27	112 00	7	189	10 6	9	243	13 6	6	162	9 1	7	189	10.6	3	81	4 5
Gun, ADA, SP, 20-mm, M163	24	1 00	6,000	144,000	72 0	3,600	86,400	43 2	4,980	119,520	60 0	2,689	64,536	32 3	1,500	36,000	18 0
Howitzer, 155-mm, SP, M109	54	135 7	203	10,962	743 8	207	11,178	758 4	146	7,884	534 9	153	8,262	560 6	166	8,964	608 2
Howitzer, 8-in, SP, M110	12	262 50	177	2,124	278 8	164	1,968	258 3	130	1,560	204 8	127	1,524	200 0	118	1,416	185 9
Lchr, GM, M222 (Dragon)	137	67 00	3	411	13 8	4	548	18 4	2	274	9 2	3	411	13 8	1	137	4 6
Lchr, grenade, 40-mm, M203	1,061	750	32	33,952	12 7	19	20,159	7 6	27	28,647	10 8	15	15,915	6 0	8	8,488	3 2
Lchr, rkt, acft 2 75-in, M158A41	18	27 00	42	756	10 2	25	450	6 1	35	630	8 5	19	342	4 6	11	198	2 7
Lchr, rkt, acft, 2 75-in, 19 tube (repairable), M200A1	10	27 00	114	1,140	15 4	68	680	9 2	95	950	12 8	51	510	6 9	29	290	3.9
Lchr, rkt, multiple, 155-mm, M91	9	93 33	See note 2.														
Lchr, rkt, 66-mm, M72 (LAW) see note 3	2,400	7 80	NA	700	2 7	NA	455	1 7	NA	595	2 3	NA	301	1 2	NA	175	0 7
Lchr, rkt, 66-mm, 4-tube, M202, A1	85	8 75	16	1,360	5 9	10	850	3 7	14	1,190	5 2	7	595	2 6	4	340	1 5
Lchr, tubular, GM (TOW)	90	87 00	9	810	35 2	10	900	39 2	7	630	27 4	8	720	31 3	4	360	15 7
Machinegun, 50 cal, M2	1,195	395	263	314,285	62 1	159	190 005	37 5	219	261,705	51 7	120	143,400	28 3	67	80,065	15 8
Machinegun, 7 62-mm M60	611	093	649	396,539	18 4	393	240,123	11 2	541	330,551	15 4	295	180,245	8 4	164	100,204	4.7
Machinegun, 7 62-mm, six barrels, M134	9	.093	6,000	54,000	2 5	3,600	32,400	1 5	4,980	44,820	2 1	2,689	24,201	1 1	1,500	13,500	6
Mortar, 81-mm, M29, A1	45	17 32	145	6,525	56 5	88	3,960	34 3	121	5,445	47 2	66	2,970	25 7	37	1,665	14 4
Mortar, 4 2-in, M24, A1	53	40 00	163	8,639	172 8	99	5,274	104.9	136	7,208	144 2	74	3,922	78 4	41	2,173	43 5
Rifle, 5 56 mm, M16, A1	13,160	042	148	1,947,680	40 9	90	1,184,400	24 9	124	1,631,840	34 3	67	881,720	18 5	38	500,080	10 5
Rifle, recoilless, 90 mm, M67	8	27.50	19	144	1 9	11	88	1 2	15	120	1 7	8	64	.9	5	40	6
Submachinegun, 45 cal, M3, A1	889	056	44	29,116	1.1	27	24,003	.7	37	32,893	9	20	17,780	5	11	9,779	3
Tank, combat, full-tracked, 105-mm gun, M60, A1	324	68 49	78	25,272	865.4	47	15,228	5,215	65	21,060	721.2	35	11,340	388 3	20	6,480	221.9
Armored division total (STON)					2,432.6			1,902 8			1,911 5			1,424 3			1,163.4
Infantry Division			Part B Infantry Division														
Armament subsystem, helicopter, 20-mm auto gun, M35	12	80	3,000	36,000	14 4	1,800	21,600	8 6	2,490	29,880	12 0	1,345	16,140	6 5	750	9,000	3 6
Armament subsystem, helicopter, 7 62-mm mg, lt, M23	35	093	840	29,400	1 4	509	17,815	8	700	24,500	1 1	382	13,370	6	213	7,455	3
Armament subsystem, helicopter																	
7.62-mm mg	27	.093	2,250	60,750	2 8	1,350	36,450	1 7	1,868	50,436	2 3	1,009	27,243	1 3	563	15,201	7
40 mm lchr	27	750	321	8,667	3 3	193	5,211	2 0	266	7,182	2 7	144	3,888	1 5	80	2,160	8
Hi-rate, M28, A1																	
Armored reconnaissance airborne assault vehicle, M551																	
Ctg, 152-mm	9	60.00	9	81	2.4	5	45	1 4	7	63	1 9	4	36	1 1	2	18	.5
S18 (Shillelagh)	9	112 00	7	63	3 5	9	81	4 5	6	54	3 0	7	63	3 5	3	27	1 5
Gun, ADA, SP 20 mm, M163	24	1 00	6,000	144,000	72 0	3,600	86,400	43 2	4,980	119,520	60 0	2,689	64,536	32 3	1,500	36,000	18.0
Howitzer, 105 mm, towed, M102	54	68 50	423	22,842	782 3	467	25,218	863 7	376	20,304	695.4	381	20,574	704 6	210	11,340	388 4
Howitzer, 155-mm, towed, M114	18	135.70	203	3,654	247 9	207	3,726	252 8	146	2,628	178 3	153	2,754	186 9	166	2,988	202 7
Howitzer, 8 in, SP, M110	4	262 50	177	708	92 9	164	656	86 1	130	520	68 3	127	508	66 7	118	472	61 9
Lchr, GM, M222 (Dragon)	249	67 00	3	747	25 0	4	996	33 4	2	498	16 7	3	747	25 0	1	249	8 3
Lchr, grenade, 40-mm, M203	1,193	750	32	38,176	14 3	19	22,667	8 5	27	32,211	12 1	15	17,895	6 7	8	9,544	3 6
Lchr, rkt, acft, 2 75-in, M158A1	54	27 00	42	2,268	30 6	25	1,350	18 2	35	1,890	25 5	19	1,026	13 9	11	594	8 0
Lchr, rkt acft 2 75 in, 19-tube, M159	12	27 00	114	1,368	18 5	68	816	11 0	95	1,140	15 4	51	612	8 2	29	348	4 7
Lchr, rkt, acft, 2 75 in, 19-tube (repairable), M200A1	30	27.00	114	3.420	46 2	68	2,040	27.5	95	2.850	38 5	51	1,530	20 7	29	870	11 7
Lchr, rkt, multiple 115-mm, M31	9	93 33	See note 2														
Lchr, rkt, 66-mm M72 (LAW) see note 3	2,400	7 80	NA	700	2 7	NA	455	1.7	NA	595	2 3	NA	301	1 2	NA	175	0 7
Lchr, rkt 66 mm 4-tube, M202, A1	92	8 75	16	1,472	6 4	10	920	4 0	14	1,288	5 6	7	644	2 8	4	368	1 6
Lchr, tubular, GM (TOW)	162	87 00	9	1,458	63 4	10	1,620	70 5	7	1,134	49 3	8	1,296	56.4	4	648	28.2
Machinegun, 50 cal, M2	373	395	263	98,099	19 4	159	59,307	11 7	219	81,687	16 1	120	44,760	8 8	67	24,991	4 9
Machinegun, 7 62 mm, M60	705	093	649	457,545	21 3	393	277,065	12 9	541	381,405	17.7	295	207,975	9 7	164	115,620	5 4
Machinegun, 7 62 mm, six barrels, M134	27	093	6,000	162,000	7 5	3,600	97,200	4 5	4,980	13,446	6 3	2,698	72,603	3 4	1,500	40,500	1 9
Mortar, 81-mm, M29, A1	81	17 32	145	11,745	101 7	88	7,128	61.7	121	9,801	84 9	66	5,346	46 3	37	2,997	26 0
Mortar, 4 2-in M24, A1	43	40 00	163	7,009	140 2	99	4,257	85 1	136	5,848	117 0	74	3,182	63 6	41	1,763	35 3
Rifle, 5 56 mm, M16A1	14,242	042	148	2,107 816	44 3	90	1,281,700	26 9	124	1,766,009	37 1	67	954,214	20 0	38	541,196	11 4

Table 7–3. Ammunition Per Type Unit Per Weapon Per Day Expressed in Rounds and STON–*Continued*

Weapon	No of wpns	Packed wt/rd	Defense of Position: First day Rds/wpn	First day Total rds	First day STON	Succeeding days Rds/wpn	Succeeding days Total rds	Succeeding days STON	Attack of position (deliberately organized): First day Rds/wpn	First day Total rds	First day STON	Succeeding days Rds/wpn	Succeeding days Total rds	Succeeding days STON	Protracted period Rds/wpn	Protracted period Total rds	Protracted period STON
Part B Infantry Division (continued)																	
Rifle, recoilless, 90-mm M67	8	27 50	18	144	1 9	11	88	1 2	15	120	1 7	8	64	9	5	40	6
Submachinegun, 45 cal, M3, A1	159	056	44	7,348	2	27	4,509	1	37	6,179	2	20	4,843	1	11	1,837	.1
Tank, combat, full-tracked, 105-mm gun M60, A1	54	68 49	78	4,212	144 2	47	2,538	86 9	65	3,510	120.2	35	1,890	64 7	20	1,080	37 0
Infantry division total (STON)					1,896 3			1,722 0			1,579 6			1,350 9			864 2
Mechanized Division			Part C Mechanized Division														
Armament Pod, acft, 7 62-mm mg, M18, A1	6	093	6,000	36,000	1 7	3,600	21,600	1 0	4,980	29,880	1 4	2,689	16,134	8	1,500	9,000	4
Armament subsystem, helicopter, 20-mm auto gun, M35	4	80	3,000	12,000	4 8	1,800	7,200	2.9	2,490	9,960	4 0	1,345	5,380	2.2	750	3,000	1 2
Armament subsystem, helicopter, 7 62-mm, M23	13	093	840	10,920	5	509	6,617	3	700	9,100	.4	382	4,966	2	213	2,769	1
Armament subsystem, helicopter																	
7 62-mm mg	9	093	2,250	20,250	9	1,350	12,150	6	1,868	16,812	8	1,009	9,081	.4	563	5,067	2
20-mm lchr	9	750	321	2,889	1 1	193	1,737	7	266	2,394	9	144	1,296	5	80	720	3
Armored reconnaissance airborne assault vehicle, M551																	
Ctg, 152-mm	27	60 00	9	243	7 3	5	135	4 1	7	189	5 7	4	108	3 2	2	54	1 6
S1B (Shillelagh)	27	112 00	7	189	10 6	9	243	13 6	6	162	9 1	7	189	10 6	3	81	4 5
Gun, ADA, SP, 20-mm, M163	24	1 00	6,000	144,000	72 0	3,600	86,400	43 2	4,980	119,520	59 8	2,689	64,536	32.3	1,500	36,000	18 0
Howitzer, 155-mm, SP, M109	54	135.70	203	10,962	743 8	207	11,178	758 4	146	7,884	534 9	153	8,262	560 6	166	8,964	608 2
Howitzer, 8-in, SP, M110	12	262 50	177	2,124	278 8	164	1,968	258 3	130	1,660	204 8	127	1,524	200 0	118	1,416	185 9
Lchr, GM, M222 (Dragon)	164	67 00	3	492	16 5	4	656	22 0	2	328	11 0	3	492	16 5	1	164	5 5
Lchr, grenade, 40-mm, M203	1,113	750	32	35,616	13 4	19	21,147	8 0	27	30,051	11 3	15	16,695	6.3	8	8,904	3 3
Lchr, rkt acft, 2 75-in, M158A1	18	27 00	42	756	10 2	25	450	6 1	35	630	8 5	19	342	4 6	11	198	2 7
Lchr, rkt, acft, 2 75-in, 19-tube (repairable), M200A1	10	27 00	114	1,140	15 4	68	680	9 2	95	950	12 8	51	510	6 9	29	290	3 9
Lchr, rkt, multiple, 115-mm, M91	9	93 33	See note 2														
Lchr, rkt, 66-mm, M72 (LAW) see note 3	2,400	7 80	NA	700	2 7	NA	455	1 7	NA	595	2.3	NA	301	1 2	NA	75	0 7
Lchr, rkt, 66-mm, 4-tube, M202, A1	84	8 75	16	1,344	5 9	10	840	3 7	14	1,176	5 1	7	588	2 6	4	336	1 5
Lchr, tubular, GM (TOW)	108	87 00	9	972	42 3	10	1,080	47 0	7	756	32 9	8	864	37.6	4	432	18 8
Machinegun, .50 cal, M2	1,238	395	263	325,594	64 3	159	196,842	38 9	219	271,122	53 5	120	148,560	29 3	67	82,946	16 4
Machinegun, 7 62-mm, M60	660	093	649	428,340	19 9	393	259,380	12 1	541	357,060	16 6	295	194,700	9 1	164	108,240	5.0
Machinegun, 7 62-mm, 6-barrel, M134	9	093	6,000	54,000	2 5	3,600	32,400	1 5	4,980	44,820	2 1	2,689	24,201	1 1	1,500	13,500	.6
Mortar, 81-mm, M29, A1	54	17 32	145	7,830	67 8	88	4,752	41 2	121	6,534	56.6	66	3,564	30.9	37	1,998	17 3
Mortar, 4 2-in, M24, A1	49	40.0	163	7,987	159 7	99	4,851	97 0	136	6,664	133 3	74	3,636	62 5	41	2,009	40.2
Rifle, 5 56-mm, M16, A1	13,387	042	148	1,980,240	41 6	90	1,204,200	25 3	124	1,659,120	34 8	67	896,460	18 8	38	508,440	10.7
Rifle, recoilless, 90-mm, M67	8	27 50	18	144	1 9	11	88	1 2	15	120	1.7	8	64	9	5	40	6
Submachinegun, .45 cal, M3, A1	673	056	44	29,612	8	27	18 171	.5	37	24,901	7	20	13,460	4	11	7,403	2
Tank, combat, full-tracked, 105-mm gun, M60, A1	216	68 49	78	16,848	576 9	47	10,152	347 7	65	14,040	480.8	35	7,560	258.9	20	4,320	147 9
Mechanized division total (STON)					2,156 8			1,742.3			1,680 4			1,295 4			1,094 1
Airborne Division			Part D Airborne Division														
Armament pod, acft, 7 62 mm, mg, M18, A1	22	093	6,000	132,000	6 1	3,600	79,200	3 7	4,980	109,560	5 1	2,689	59,158	2 8	1,500	33,000	1 5
Armament subsystem, helicopter, 20-mm auto-gun, M35	14	80	3,000	42,000	16 8	1,800	25,200	10 1	2,490	34,860	13 9	1,345	18,830	7.5	750	10,500	4 2
Armament subsystem, helicopter, 7 62-mm mg, lt, M23	65	093	840	54,600	2 5	509	33,085	1.5	700	45,500	2 1	382	24,830	1 2	2 3	13,845	6
Armament subsystem, helicopter																	
7 62-mm mg	33	093	2,250	74,250	3.5	1,350	44,550	2 1	1,868	61,644	2.9	1,009	33,297	1 6	563	18,579	.9
40-mm lchr Hi-rate, M28, A1	33	750	321	10,593	4 0	193	6,369	2 4	266	8,778	3.3	144	4,752	1 8	80	2,640	1.0
Armored reconnaissance airborne assault vehicle, M551																	
Ctg, 152-mm	54	60 00	9	486	14 6	5	270	8 1	7	387	11 3	4	216	6 5	2	108	3 2
S1B (Shillelagh)	54	112 00	7	378	21 2	9	486	27 2	6	324	18 1	7	378	21 2	3	162	9 1
Gun, ADA, towed, 20-mm, M167	48	1 00	4,000	192,000	96 0	2,400	115,200	57 6	3,320	159,360	79.7	1,793	86,064	43 0	1,000	48,000	24.0
Howitzer, 105-mm, towed, M102	54	68 5	423	22,842	782 3	467	25,218	863 7	376	20,304	695.4	381	20,574	704 6	210	11,340	388.4
Lchr, GM, M222 (Dragon)	285	67 00	3	855	28.6	4	1,140	38 2	2	570	19 1	3	855	28 6	1	285	9 5
Lchr, grenade, 40-mm, M203	1,164	750	32	37,248	14 0	19	22,116	8 3	27	31,428	11 8	15	17,460	6.5	8	9,312	3.5
Lchr, rkt, acft, 2 75-in, M158, A1	66	27 00	42	2,772	37 4	25	1,650	22 3	35	2,310	31 2	19	1,254	16.9	11	726	9 8
Lchr, rkt, acft, 2 75-in, 19-tube (repairable), M200A1	12	27 00	114	1,368	18 5	68	816	11 0	95	1,140	15 4	51	612	8.3	29	348	4 7
Lchr, rkt, 66-mm, M72 (LAW) see note 3	2,400	7 80	NA	700	2 7	NA	455	1 7	NA	595	2 3	NA	301	1.2	NA	175	0 7
Lchr, rkt, 66-mm, 4-tube, M202, A1	65	8 75	16	1,040	4 6	10	650	2 8	14	910	4.0	7	455	2.0	4	260	1 1
Lchr, tubular, GM (TOW)	114	87 00	9	1,026	44 6	10	1,140	49 6	7	798	34 7	8	912	39 7	4	456	19 8
Machinegun, 50 cal, M2	94	395	293	24,722	4 9	159	14,946	3.0	219	20,586	4.1	120	11,280	2.2	67	6,298	1.2
Machinegun, 7.62-mm, M60	691	093	649	448,459	20 9	393	271,563	12 6	541	373,831	17.4	295	203,845	9 5	164	113,324	5 3

Table 7–3. Ammunition Per Type Unit Per Weapon Per Day Expressed in Rounds and STON–Continued

Weapon	No of wpns	Packed wt/rd	Defense of Position: First day Rds/wpn	First day Total rds	First day STON	Succeeding days Rds/wpn	Succeeding days Total rds	Succeeding days STON	Attack of position (deliberately organized): First day Rds/wpn	First day Total rds	First day STON	Succeeding days Rds/wpn	Succeeding days Total rds	Succeeding days STON	Protracted period Rds/wpn	Protracted period Total rds	Protracted period STON
Part D Airborne Division (continued)																	
Machinegun, 7.62-mm, six barrels, M134	33	.093	6,000	198,000	9.2	3,600	118,800	5.5	4,980	164,340	7.6	2,689	88,737	4.1	1,500	49,500	2.3
Mortar, 81-mm, M29, A1	84	17 32	145	12,180	105.5	88	7,392	64 0	212	10,164	88.0	66	5,544	48 0	37	3,108	27.0
Mortar, 4.2-in, M24, A1	36	40.00	163	5,868	117.4	99	3,564	71 3	136	4,896	97.9	74	2,664	53.2	41	1,476	29.5
Rifle, 5.56-mm, M16A1	13,159	042	148	1,947,532	40 9	90	1,184,310	24.9	124	1,631,716	34.3	67	881,653	18.5	38	500,042	10.5
Submachinegun, .45 cal, M3, A1	108	.056	44	4,752	.1	27	2,916	1	37	3,996	.1	20	2,160	1	11	1,188	1
Airborne division total (5TON)					1,373.4			1,277.9			1,180 7			1,018 7			552.2
Air Assault Division			Part E Air Assault Division														
Armament pod, acft, 7 62-mm mg, M18, A1	78	093	6,000	468,000	21 8	3,600	280,800	13.1	4,980	388,440	18.1	2,689	209,742	9.8	1,500	117,000	5 4
Armament subsystem, helicopter, 20-mm, auto-gun M35	20	.80	3,000	60,000	24 0	1,800	36,00	14.4	2,490	49,800	19 9	1,345	26,900	10.8	750	15,000	6.0
Armament subsystem, helicopter, 7.62-mm mg, lt, M23	188	.093	840	157,920	7 3	509	95,692	4.5	700	131,600	6 1	382	71,816	3.3	213	40,044	1 9
Armament subsystem, helicopter																	
7 62-mm	87	093	2,250	195,750	9 1	1,350	117,450	5.5	1,868	162,516	7 6	1,009	87,783	4 1	563	48,981	2 3
40-mm lchr	87	.750	321	27,927	10.5	193	16,791	6 3	266	23,142	8.7	144	12,528	4.7	80	6,960	2.6
Hi-rate, M28, A1																	
Gun, ADA, towed, 20-mm, M167	48	1.00	4,000	192,000	96.0	2,400	115,200	57 6	3,320	159,360	79 7	1,793	86,064	43 0	1,000	48,000	24 0
Howitzer, 105-mm, towed, M102	54	68.50	423	22,842	782.3	467	25,218	863.7	376	20,304	695.4	381	20,574	704.6	210	11,340	388.4
Howitzer, 155-mm, towed, M114	18	135.70	203	3,654	247 9	207	3,726	252.8	146	2,628	178.3	153	2,754	186.9	166	2,988	202 7
Lchr, GM, M222 (Dragon)	342	67.00	3	1,026	34.4	4	1,368	45.8	2	684	22.9	3	1,026	34.4	1	342	11.5
Lchr, grenade, 40-mm, M203	1,200	.750	32	38,400	14 4	19	22,800	8.6	27	32,400	12.2	15	18,000	6.8	8	9,600	3 6
Lchr, rkt, acft, 2.75-in, M158A1	174	27.00	42	7,308	98 7	25	4,350	58 7	35	6,090	82.2	19	3,306	44.6	11	1,914	25.8
Lchr, rkt, acft, 2 75-in, 19-tube (repairable), M200A1	120	27 00	114	13,680	184 7	68	8,160	110 2	95	11,400	153.9	51	6,120	82.6	29	3,480	47.0
Lchr, rkt, 66-mm, M72 (LAW) see note 3	2,400	7.80	NA	700	2.7	NA	455	1.7	NA	595	2.3	NA	301	1.2	NA	175	0 7
Lchr, rkt, 66-mm, 4-tube, M202, A1	87	8 75	16	1,392	6 1	10	870	3.8	14	1,218	5 3	7	609	2.7	4	348	1.5
Lchr, tubular, GM (TOW)	168	87.00	9	1,512	65 8	10	1,680	73 1	7	1,176	51 2	8	1,344	58.5	4	672	29.2
Machinegun, .50 cal, M2	13	395	263	3,419	7	159	2,067	4	219	2,847	6	120	1,560	.3	67	871	.2
Machinegun, 7 62-mm, M60	1,012	.093	649	656,788	30.5	393	397,716	18.5	541	547,492	25.5	295	298,540	13.9	164	165,968	7 7
Machinegun, 7.62-mm, six barrels, M134	123	.093	6,000	738,000	34 3	3,600	442,800	20.6	4,980	612,540	28.5	2,689	330,747	15.4	1,500	184,500	8.6
Mortar, 81-mm, M29, A1	120	17.32	145	17,400	150.7	88	10,560	91.4	121	14,520	125 7	66	7,920	68.6	37	4,440	38.5
Rifle, 5 56-mm, M16, A1	15,231	042	148	2,254,188	47.3	90	1,370,790	28.8	124	1,888,644	39.7	67	1,020,477	21 4	38	578,778	12 2
Rifle, recoilless, 90-mm, M67	7	27.50	18	126	1 7	11	77	1 1	15	105	1.4	8	56	8	5	35	.5
Air assault division total (5TON)					1825.1			1,653.1			1,572.2			1,297.8			808.9
Separate Armored Brigade			Part F Separate Armored Brigade														
Armored reconnaissance airborne assault vehicle, M551																	
152-mm Ctg	9	60 00	9	81	2 4	5	45	1 4	7	63	1 9	4	36	1 1	2	18	0.5
518 (Shillelagh)	9	112 00	7	63	3.5	9	81	4.5	6	54	3 0	7	63	3 5	3	27	1.5
Howitzer, 155-mm, Towed & SP, M114 & M109 see note 4	18	135 7	203	3,654	247.9	207	3,726	252.8	146	2,628	178.3	153	2,754	186.9	166	2,988	202.7
Launcher, grenade, 40-mm, M203	216	750	32	6,912	2 6	19	4,104	1 5	27	5,832	2 2	15	3,240	1.2	8	1,728	0.6
Launcher, GM, M222 (Dragon)	30	67 00	3	90	3.0	4	120	4.0	2	60	2.0	3	90	3 0	1	30	1.0
Launcher, rkt, multiple, 115-mm, M91	3	93 33	See note 2.														
Launcher, rkt, 66-mm 4-tube, M202, A1	18	8 75	16	288	1.3	10	180	0 8	14	252	1 1	7	126	0.6	4	72	0.3
Launcher, rkt, 66-mm, M72 (LAW) see note 3	610	7 80	NA	183	0.7	NA	115	04	NA	153	0.6	NA	79	0 3	NA	43	0 2
Launcher, tubular, GM, TOW	18	87 00	19	162	7 0	10	180	7 8	7	126	5 5	8	144	6.3	4	72	3 1
Machinegun, 50 cal, M2	251	395	263	66,013	13 0	159	39,909	7 9	219	54,969	10.9	120	30,120	5.9	67	16,817	3 3
Machinegun, 7.62-mm, M60	131	093	649	85,019	4 0	393	51,483	2.4	541	70,871	3 3	295	38,645	1 8	164	21,484	1 0
Mortar, 81-mm, M29A1	9	17 32	145	1,305	11 3	88	792	6.9	121	1,089	9.4	66	594	5 1	37	333	2.9
Mortar, 4.2-in, M24A1	11	40.00	163	1,793	35.9	99	1,089	21.8	136	1,496	29.9	74	814	16.3	41	451	9 0
Rifle, 5 56-mm, M16A1	2,738	.042	148	405,224	8.5	90	246,420	5.2	124	339,512	7.1	67	183,446	3 9	38	104,044	2 2
Rifle, recoilless, 90-mm, M67	1	27 50	19	19	0.26	11	11	0 15	15	15	0.20	8	8	0.11	5	5	0.07
Submachinegun, 45 cal, M3A1	159	056	44	6,996	0 19	27	4,293	0 12	37	5,883	0 16	20	3,180	0.09	11	1,749	0.05
Tank, combat, full-tracked, 105-mm gun, M60A1	54	68.49	78	4,212	144 2	47	2,538	86 9	65	3,510	120.2	35	1,890	64.7	20	1,080	36.9
Total 5TON					485.8			404 6			375.8			300.8			265.4
Separate Mechanized Brigade			Part G Separate Mechanized Brigade														
Armanent subsystem, hel, 7.62-mm MG, lt, M23	2	093	840	1,680	.08	509	1,018	.05	700	1,400	07	382	764	.04	213	426	02
Armored reconnaissance airborne assault vehicle, M551																	
152-mm Ctg	9	60 00	9	81	2 4	5	45	1 4	7	63	1 9	4	36	1 1	2	18	0.5
518 (Shillelagh)	9	112 00	7	63	3 5	9	81	4 5	6	54	3 0	7	63	3.5	3	27	1.5

Table 7–3. Ammunition Per Type Unit Per Weapon Per Day Expressed in Rounds and STON–Continued

Weapon	No of wpns	Packed wt/rd	Defense of Position: First day Rds/wpn	First day Total rds	First day STON	Succeeding days Rds/wpn	Succeeding days Total rds	Succeeding days STON	Attack of position (deliberately organized): First day Rds/wpn	First day Total rds	First day STON	Succeeding days Rds/wpn	Succeeding days Total rds	Succeeding days STON	Protracted period Rds/wpn	Protracted period Total rds	Protracted period STON
Part G. Separate Mechanized Brigades (continued)																	
Howitzer, 155-mm, Towed & SP, M114 & M109	18	135 7	203	3,654	247 9	207	3,726	252 8	146	2,628	178.3	153	2,754	186.9	166	2,988	202.7
Launcher, grenade, 40-mm, M203	220	.750	32	7,040	2 6	19	4,180	1 6	27	5,940	2.2	15	3,300	1.2	8	1,760	0.7
Launcher, GM, M222 (Dragon)	30	67.00	3	90	3.0	4	120	4 0	2	60	2.0	3	90	3.0	1	30	1.0
Launcher, rkt, multiple, 115-mm, M91	3	93.33	See note 2														
Launcher, rkt, 66-mm, 4-tube, M202, A1	17	8 75	16	272	1 2	10	170	0.7	14	238	1.0	7	119	0.5	4	68	0.3
Launcher, rkt, 66-mm, M72 (LAW) See note 3	610	7.80	NA	183	0.7	NA	115	0 4	NA	153	0.6	NA	79	0.3	NA	43	0.2
Launcher, tubular, GM, TOW	18	87 00	19	162	7 0	10	180	7.8	7	126	5.5	8	144	6.3	4	72	3.1
Machinegun, .50 cal, M2	252	.395	263	66,276	13.1	159	40,068	7 9	219	55,188	10.9	120	30,240	6 0	67	16,884	3.3
Machinegun, 7.62-mm, M60	131	.093	649	85,019	4 0	393	51,483	2.4	541	70,871	3.3	295	38,645	1.8	164	21,484	1.0
Mortar, 81-mm, M29A1	9	17.32	145	1,305	11.3	88	792	6.9	121	1,089	9.4	66	594	5 1	37	333	2 9
Mortar, 4.2-in, M24A1	11	40.00	163	1,793	35.9	99	1,089	21.8	136	2,496	29.9	74	814	16.3	41	451	9.0
Rifle, 5.56-mm, M16A1	2,733	042	148	404,484	8 5	90	245,970	5.2	124	338,892	7.1	67	183,111	3.8	38	103,854	2.2
Submachinegun, 45 cal, M3A1	159	.056	44	6,996	0.19	27	4,293	0 12	37	5,883	0 16	20	3,180	0 09	11	1,749	0.05
Tank, combat, full-tracked, 105-mm gun, M60A1	54	68.49	78	4,212	144.2	47	2,538	86.9	65	3,510	120.2	35	1,890	64.7	20	1,080	36 9
Total STON					485.6			404.5			375.5			300 6			265.4
Separate Infantry Brigade			**Part H. Separate Infantry Brigade**														
Armored reconnaissance airborne assault vehicle, M551																	
152-mm Ctg	9	60 00	9	81	2.4	5	45	1 4	7	63	1.9	4	36	1 1	2	18	0.5
S1B (Shillelagh)	9	112.00	7	63	3.5	9	81	4.5	6	54	3 0	7	63	3.5	3	27	1.5
Howitzer, 105-mm, Towed, M102	18	68.50	423	7,614	260 8	467	8,406	287 9	376	6,768	231.8	381	6,858	234.9	210	3,780	129.5
Launcher, grenade, 40-mm, M203	191	.750	32	6,112	2 3	19	3,629	1.4	27	5,157	1.9	15	2,865	1.1	8	1,528	0.6
Launcher, GM, M222 (Dragon)	30	67 00	3	90	3.0	4	120	4.0	2	60	2.0	3	90	3.0	1	30	1.0
Launcher, rkt, multiple, 115-mm, M91	3	93 33	See note 2.														
Launcher, rkt, 66-mm 4 tube, M202, A1	17	8.75	16	272	1.2	10	170	0 7	14	238	1.0	7	119	0.5	4	68	0.3
Launcher, rkt, 66-mm, M72 (LAW) See note 3	610	7.80	NA	183	0.7	NA	115	0.4	NA	153	0 6	NA	79	0 3	NA	43	0 2
Launcher, tubular, GM, TOW	18	87.00	9	162	7 0	10	180	7.8	7	126	5.5	8	144	6.3	4	72	3.1
Machinegun, 50 cal, M2	93	395	263	24,459	4 8	159	14,787	2.9	219	20,367	4.0	120	11,160	2.2	67	6,231	1 2
Machinegun, 7 62-mm, M60	108	.093	649	70,092	3.3	393	42,444	2.0	541	58,428	2.7	295	31,860	1.5	164	17,712	0.8
Mortar, 81-mm, M29A1	9	10.32	145	1,305	11.3	88	792	6.9	121	1,089	9.4	66	594	5.1	37	333	2.9
Mortar, 4.2-in, M24A1	11	40 00	163	1,793	35 9	99	1,089	21 8	136	1,496	29.9	74	814	16.3	41	451	9 0
Rifle, 5.56-mm, M16A1	2,542	042	148	376,216	7 9	90	228,780	4 8	124	315,208	6.6	67	170,314	3.6	38	96,596	2.0
Rifle, recoilless, 90-mm, M67	1	27.50	19	19	0.26	11	11	0 15	15	15	0.2	8	8	0.11	5	5	0.07
Submachinegun, .45 cal, M3A1	142	.056	44	6,248	0.17	27	3,834	0 10	37	5,254	0 15	20	2,840	0.08	11	1,562	0 04
Tank, combat, full-tracked, 105-mm gun, M60A1	54	68.49	78	4,212	144.2	47	2,538	86.9	65	3,510	120.2	35	1,890	64.7	20	1,080	36 9
Total STON					488 8			433 7			420.9			344.3			189 6
Separate Light Infantry Brigade			**Part I. Separate Light Infantry Brigade**														
Armament subsystem, hel, 7 62-mm mg, lt, M23	3	.093	840	2,520	.11	509	1,527	07	700	2,100	.10	382	1,146	.05	213	639	.03
Armored reconnaissance airborne assault vehicle, M551																	
152-mm Ctg	6	60 00	9	54	1.6	5	30	0 9	7	42	1 3	4	24	0.7	2	12	0.4
S1B (Shillelagh)	6	122.00	7	42	2 4	9	54	3 0	6	36	2.0	7	42	2.4	3	18	1.0
Howitzer, 105-mm, Towed, M102	18	68.50	423	7,614	260.8	467	8,406	287.9	376	6,768	231.8	381	6,858	234.9	210	3,780	129.5
Launcher, grenade, 40-mm, M203	148	750	32	4,736	1 8	19	2,812	1.1	27	3,996	1.5	15	2,220	0.8	8	1,184	0.4
Launcher, GM, M222 (Dragon)	30	67 00	3	90	3 0	4	120	4.0	2	60	2.0	3	90	3.0	1	30	1.0
Launcher, rkt, multiple, 115-mm, M91	3	93.33	See note 2.														
Launcher, rkt, 66-mm 4-tube, M202, A1	12	8.75	16	192	0 8	10	120	0.5	14	168	0 7	7	84	0.4	4	48	0.2
Launcher, rkt, 66-mm, M72 (LAW) See note 3	476	7.80	NA	143	0.6	NA	90	0.4	NA	119	0.5	NA	62	0.2	NA	33	0 1
Launcher, tubular, GM, Tow	18	87 00	9	162	7 0	10	180	7.8	7	126	5.5	8	144	6.3	4	72	3 1
Machinegun, .50 cal, M2	8	.395	263	2,104	0.4	159	1,272	0.3	219	1,752	0 3	120	960	0.2	67	536	0.1
Machinegun, 7.62-mm, M60	94	.093	649	61,006	2.8	393	36,942	1.7	541	50,854	2.4	295	27,730	1.3	164	15,416	0.7
Mortar, 81-mm, M29A1	16	17.32	145	2,320	20.1	88	1,408	12 2	121	1,936	16.8	66	1,056	9.1	37	592	5.1
Rifle, 5.56-mm, M16A1	2.025	.042	148	299,700	6.3	90	182.250	3 8	124	251,100	5.3	67	135,675	2.8	38	76,950	1 6
Submachinegun, 45 cal, M3A1	16	056	44	704	0.02	27	432	0.01	37	592	0.02	20	320	0.008	11	176	0.005
Total STON .					307.8			323.3			270.2			262.2			143.2

Table 7–3. Ammunition Per Type Unit Per Weapon Per Day Expressed in Rounds and STON–Continued

Weapon	No of wpns	Packed wt/rd	Defense of Position: First day Rds/wpn	First day Total rds	First day STON	Succeeding days Rds/wpn	Succeeding days Total rds	Succeeding days STON	Attack of position (deliberately organized): First day Rds/wpn	First day Total rds	First day STON	Succeeding days Rds/wpn	Succeeding days Total rds	Succeeding days STON	Protracted period Rds/wpn	Protracted period Total rds	Protracted period STON
Separate Airborne Brigade			Part J Separate Airborne Brigade (Equip with 106RR and TOW)														
Armament subsystem, hel, 7 62-mm mg, lt, M23	3	093	840	2,520	.11	509	1,527	.07	700	2,100	10	382	1,146	.05	213	639	03
Armored reconnaissance airborne assault vehicle, M551																	
152-mm Ctg	6	60 00	9	54	1 6	5	30	0 9	7	42	1 3	4	24	0.7	2	12	0.4
S1B (Shillelagh)	6	112 00	7	42	2 4	9	54	3 0	6	36	2 0	7	42	2.4	3	18	1 0
Howitzer, 105-mm, Towed, M102	18	68 50	423	7,614	260 8	467	8,406	287 9	376	6,768	231 8	381	6,858	234 9	210	3,780	129.5
Launcher, grenade, 40-mm, M203	186	750	32	5,952	2 2	19	3,534	1.3	27	5,022	1.9	15	2,790	1 0	8	1,488	0 6
Launcher, GM, M222 (Dragon)	30	67 00	3	90	3 0	4	120	4 0	2	60	2 0	3	90	3 0	1	30	1 0
Launcher, rkt, 66-mm, 4-tube, M202, A1	9	8 75	16	144	0 6	10	90	0 4	14	126	0.5	7	63	0 3	4	36	0 2
Launcher, rkt, 66-mm, M72 (LAW) See note 3	476	7 80	NA	143	0 6	NA	90	0 4	NA	119	0.5	NA	62	0.2	NA	33	0 1
Machinegun, .50 cal, M2	7	395	263	1,841	0 4	159	1,113	0 2	219	1,533	0.3	120	840	0 2	67	469	0 1
Machinegun, 7 62-mm, M60	101	.093	649	65,549	3 0	393	39,693	1 8	541	54,641	2.5	295	29,795	1.4	164	16,564	0 8
Mortar, 81-mm, M29A1	12	17 32	145	1,740	15.1	88	1,056	9 1	121	1,452	12 6	66	792	6 9	37	444	3 8
Mortar, 4 2-in, M24A1	4	40 00	163	652	13 0	99	396	7 9	136	544	10 9	74	296	5.9	41	164	3 3
Rifle, 5 56-mm, M16A1	2,033	042	148	300,884	6 4	90	182,970	3 8	124	252,092	5.3	67	136,211	2 9	38	77,254	1 6
Rifle, recoilless, 106-mm	8	60 00	19	152	4 6	11	88	2 6	15	120	3 6	8	64	1 9	5	40	1.2
Submachinegun, .45 cal, M3A1	14	056	44	616	0 017	27	378	0.010	37	518	0 014	20	280	0 007	11	154	0 004
Total STON (These totals are minus TOW tonnage)					313.7			323 4			275 3			261 8			143 6
Air Cavalry Combat Brigade			Part K Air Cavalry Combat Brigade														
Armament subsystem, hel, 7 62-mm mg, lt, M23	61	093	840	51,240	2 4	509	31,049	1 4	700	42,700	2 0	382	23,302	1 1	213	12,993	0.6
Armament subsystem, hel, 7 62-mm mg/40-mm lchr hi-rate, M28A1																	
7 62-mm mg	153	.093	2,250	344,250	16 0	1,350	206,550	9 6	1,868	285,804	13 3	1,009	154,377	7.2	563	86,139	4 0
40-mm lchr	153	750	321	49,113	18 4	193	29,529	11 1	266	40,698	15.3	144	22,032	8 3	80	12,240	4 6
Launcher, grenade, 40 mm, M203	173	750	32	5,536	2 1	19	3,287	1 2	27	4,671	1.8	15	2,595	1 0	8	1,384	0 5
Launcher, GM, M222 (Dragon)	6	67 00	3	18	0 6	4	24	0.8	2	12	0 4	3	18	0 6	1	6	0 2
Launcher, rkt, acft, 2 75-in, M158A41	222	27 00	42	9,324	125 9	25	5,550	74 9	35	7,770	104 9	19	4,218	56 9	11	2,442	33.0
Launcher, rkt, acft, 2 75-in, 19-tube (repairable), M200A1	114	27 00	114	12,996	175 4	68	7,752	104 7	95	10,830	146 2	51	5,814	78 5	29	3,306	44 6
Launcher, rkt, 66-mm, 4-tube, M202, A1	3	8 75	16	48	0 2	10	30	0.13	14	42	0 18	7	21	0 09	4	12	0 05
Launcher, rkt, 66-mm, M72 (LAW) See note 3	276	7 80	NA	83	0 3	NA	50	0.2	NA	69	0 26	NA	36	0.14	NA	19	0 07
Machinegun, 50 cal, M2	23	375	263	6,049	1 2	159	3,657	0 7	219	5,037	1 0	120	2,760	0 5	67	1,541	0 3
Machinegun, 7 62 mm, M60	301	093	649	195,349	9 1	393	118,293	5 5	541	162,841	7 6	295	88,795	4 1	164	49,364	2 3
Machinegun, 7 62-mm, six barrels, M134	153	.093	6,000	918,000	42 7	3,600	550,800	25 6	4,980	761,940	35.4	2,689	411,417	19 1	1,500	229,500	10 7
Rifle, 5 56 mm, M16A1	3,109	042	148	460,132	9 7	90	279,810	5 9	124	385,516	8 1	67	208,303	4 4	38	118,142	2 5
Total STON					404 0			241.7			336 4			181.9			103.4
Armored Cavalry Regiment (w/ARAAV)			Part L Armored Cavalry Regiment (Equipped with ARAAV)														
Armament subsystem, hel, 7 62-mm mg, lt, M23	22	093	840	18,480	0 9	509	11,198	0 5	700	15,400	0 7	382	8,404	0 4	213	4,686	0 2
Armament subsystem, hel, 7.62-mm mg/40-mm lchr hi-rate, M28A1																	
7 62-mm mg	9	093	2,250	20,250	1 0	1,350	12,150	0 6	1,868	16,812	0 8	1,009	9,081	0.4	563	5,067	0 2
40-mm lchr	9	750	321	2,889	1 1	193	1,737	0 7	266	2,394	0.9	144	1,296	0 5	80	720	0.3
Armored reconnaissance airborne assault vehicle, M551																	
152 mm Ctg	132	60 00	9	1,188	35 6	5	660	19 8	7	924	27 7	4	528	15 8	2	264	7 9
S18 (Shillelagh)	132	112 00	7	924	51 7	9	1,188	66 5	6	792	44.4	7	924	51 7	3	396	22 2
Howitzer 155 mm, Towed & SP, M114 & M109 See note 4	18	135 7	203	3,654	247 9	207	3,726	252 8	146	2,628	178 3	153	2,754	186 9	166	2,988	202.7
Launcher, grenade, 40 mm, M203	238	750	32	7,616	2 9	19	4,522	1 7	27	6,426	2 4	15	3,570	1 3	8	1,904	0 7
Launcher, rkt, acft 2 75 in, M158A41	18	27 00	42	756	10 2	25	450	6 1	35	630	8 5	19	342	4 6	11	198	2 7
Launcher, rkt, acft, 2 75-in, 19-tube (repairable), M200A1	10	27 00	114	1,140	15 4	68	680	9 2	95	950	12 8	51	510	6 9	29	290	3 9
Launcher, rkt, 66-mm, 4-tube, M202 A1	31	8 75	16	496	2 2	10	310	1 4	14	434	1 9	7	217	0 9	4	124	0 5
Launcher rkt, 66-mm, M72 (LAW) See note 3	408	7 80	NA	122	0 5	NA	73	0 3	NA	102	0 4	NA	61	0 2	NA	29	0.1
Machinegun, 50 cal, M2	524	.095	263	137,812	27 2	159	83,316	16 5	219	114,756	22 7	120	62,880	12 4	67	35,108	6.9
Machinegun, 7 62-mm M60	214	093	649	138,886	6 5	393	84,102	3 9	541	115,774	5 4	295	63,130	2 9	164	35,096	1 6
Machinegun, 7 62-mm, six barrels, M134	9	093	6 000	54,000	2 5	3,600	32,400	1 5	4,980	44,820	2 1	2,689	24,201	1 1	1,500	13,500	0 6
Mortar 4 2-in M24A1	27	40 00	163	4 401	88 0	99	2,673	53 5	136	3,672	73 4	74	1,998	40 0	41	1,107	22 1
Rifle, 5 56-mm M16A1	2,091	042	148	309,468	6 5	90	188,190	4 0	124	259,284	5 4	67	140,097	2 9	38	79,458	1 7
Submachinegun, 45 cal, M3A1	338	056	44	14,872	0 4	27	9,126	0 3	37	12,506	0 4	20	6,760	0 2	11	3,718	0 1
Total STON					500 7			439 6			388 3			329 3			274.5

Table 7–3. Ammunition Per Type Unit Per Weapon Per Day Expressed in Rounds and STON–Continued

Weapon	No of wpns	Packed wt/rd	Defense of Position: First day Rds/wpn	First day Total rds	First day STON	Succeeding days Rds/wpn	Succeeding days Total rds	Succeeding days STON	Attack of position (deliberately organized): First day Rds/wpn	First day Total rds	First day STON	Succeeding days Rds/wpn	Succeeding days Total rds	Succeeding days STON	Protracted period Rds/wpn	Protracted period Total rds	Protracted period STON
Armored Cavalry Regiment (w/M60A1)			Part M Armored Cavalry Regiment (Equipped with M60A1)														
Armament subsystem, hel, 7.62-mm mg, lt, M23	22	093	840	18,480	0 9	509	11,198	0.5	700	15,400	0.7	382	8,404	0.4	213	4,686	0.2
Armament subsystem, hel, 7.62-mm mg/40-mm lchr, hi-rate, M28A1																	
7.62-mm mg	9	093	2,250	20,250	1 0	1,350	12,150	0.6	1,868	16,812	0.8	1,009	9,081	0.4	563	5,067	0.2
40-mm lchr	9	.750	321	2,889	1.1	193	1,737	0 7	266	2,394	0.9	144	1,296	0.5	80	720	0.3
Howitzer, 155-mm, Towed & SP, M114 & M109 See note 4	18	135.7	203	3,654	247.9	207	3,726	252.8	146	2,628	178.3	153	2,754	186.9	166	2,988	202.7
Launcher, grenade, 40-mm	238	750	32	7,616	2.9	19	4,522	1.7	27	6,426	2.4	15	3,570	1.3	8	1,904	0.7
Launcher, rkt, acft, 2.75-in, M158A41	18	28.00	42	756	10.2	25	450	6.1	35	630	8.5	19	342	4 6	11	198	2.7
Launcher, rkt, acft, 2.75-in, 19-tube (repairable), M200A1	10	27.00	114	1,140	15.4	68	680	9.2	95	950	12.8	51	510	6.9	29	290	3.9
Launcher, rkt, 66-mm, 4-tube, M202, A1	31	8.75	16	496	2.2	10	310	1 4	14	434	1.9	7	217	0.9	4	124	0.5
Launcher, rkt, 66-mm, M72 (LAW) see note 3	408	7.80	NA	122	0.5	NA	73	0.3	NA	102	0.4	NA	61	0.2	NA	29	0.1
Machinegun, .50 cal, M2	392	.395	263	103,096	20.4	159	62,328	12.3	219	85,848	17.0	120	47,040	9.3	67	26,264	5.2
Machinegun, 7.62-mm, M60	214	.093	649	138,886	6.5	393	84,102	3.9	541	115,774	5.4	295	63,130	2.9	164	35,096	1.6
Machinegun, 7.62-mm, six barrels, M134	9	.093	6,000	54,000	2.5	3,600	32,400	1.5	4,980	44,820	2.1	2,689	24,201	1.1	1,500	13,500	0.6
Mortar, 4.2-in, M24A1	27	40 00	163	4,401	88.0	99	2,673	53.5	136	3,672	73.4	74	1,998	40.0	41	1,107	22.1
Rifle, 5 56-mm, M16A1	2,098	.042	148	310,800	6.5	90	189,000	4.0	124	260,400	5.5	67	140,700	2.9	38	79,800	1.7
Submachinegun, 45 cal, M3A1	338	.056	44	14,872	0.4	27	9,126	0.3	37	12,506	0 4	20	6,760	0.2	11	3,718	0.1
Tank, combat, full-tracked, 105-mm gun, M60A1	132	68.49	78	10,296	352.6	47	6,204	212.5	65	8,580	293.8	35	4,620	158.2	20	2,640	90.4
Total STON					759.2			561.6			604.4			416.9			330.1

CONT...

Table 7–4. Daily Artillery Ammunition Requirement– Rounds Per Weapon and Short Tons (STON)

Type of operation	Level of operation	First day		Succeeding days[1]		Protracted period[2]	
		Rounds	STON[3]	Rounds	STON	Rounds	STON
		Part A. 105-mm Howitzer					
	1-Heavy	491	16.8	511	17.5	198	6.8
Covering	2-Moderate	319	10.9	332	11.4	129	4.4
Force	3-Light	172	5.9	179	6.1	69	2.4
Defense	1-Heavy	423	14.5	467	16.0	222	7.6
of	2-Moderate	275	9.4	304	10.4	144	4.9
Position	3-Light	148	5.1	163	5.6	78	2.7
Attack	1-Heavy	376	12.9	381	13.0	210	7.2
of	2-Moderate	244	8.4	248	8.5	137	4.7
Position	3-Light	132	4.5	133	4.6	74	2.5
		Part B. 155-mm Howitzer (Divisional)					
	1-Heavy	254	17.2	274	18.6	174	11.8
Covering	2-Moderate	165	11.2	178	12.1	113	7.7
Force	3-Light	89	6.0	96	6.5	61	4.1
Defense	1-Heavy	203	13.8	207	14.0	183	12.4
of	2-Moderate	132	9.0	135	9.2	119	8.1
Position	3-Light	71	4.8	72	4.9	64	4.3
Attack	1-Heavy	146	9.9	153	10.4	140	9.5
of	2-Moderate	95	6.4	99	6.7	91	6.2
Position	3-Light	51	3.5	54	3.7	49	3.3
		Part C. 155-mm Howitzer (Nondivisional)					
	1-Heavy	309	21.0	333	22.6	212	14.4
Covering	2-Moderate	201	13.6	216	14.7	138	9.4
Force	3-Light	108	7.3	117	7.9	74	5.0
Defense	1-Heavy	227	15.4	235	15.9	199	13.5
of	2-Moderate	148	10.0	153	10.4	129	8.8
Position	3-Light	79	5.3	82	5.6	70	4.7
Attack	1-Heavy	176	11.9	183	12.4	170	11.5
of	2-Moderate	114	7.7	119	8.1	111	7.5
Position	3-Light	62	4.2	64	4.3	60	4.1
		Part D. 8-in Howitzer (Divisional)					
	1-Heavy	360	47.3	361	47.4	207	27.2
Covering	2-Moderate	234	30.7	235	30.8	135	17.7
Force	3-Light	126	16.5	126	16.5	73	9.6
Defense	1-Heavy	177	23.2	164	21.5	90	11.8
of	2-Moderate	115	15.1	107	14.0	59	7.7
Position	3-Light	62	8.1	57	7.5	32	4.2
Attack	1-Heavy	130	17.1	127	16.7	56	7.4
of	2-Moderate	85	11.1	83	10.9	36	4.7
Position	3-Light	46	6.0	45	5.9	20	2.6
		Part E. 8-in Howitzer (Nondivisional)					
	1-Heavy	446	58.5	448	58.8	257	33.7
Covering	2-Moderate	290	38.1	291	38.2	167	21.9
Force	3-Light	156	20.5	157	20.6	90	11.8
Defense	1-Heavy	177	23.3	164	21.5	90	11.8
of	2-Moderate	115	15.1	107	14.0	59	7.7
Position	3-Light	62	8.1	57	7.5	32	4.2
Attack	1-Heavy	161	21.1	158	20.7	69	9.1
of	2-Moderate	105	13.8	103	13.5	45	5.9
Position	3-Light	56	7.4	55	7.3	24	3.2

Table 7–4. Daily Artillery Ammunition Requirement–Rounds Per Weapon and Short Tons (STON)—Continued

Type of operation	Level of operation	First day Rounds	First day STON[3]	Succeeding days[1] Rounds	Succeeding days[1] STON	Protracted period[2] Rounds	Protracted period[2] STON
			Part F. 175-mm Gun (Nondivisional)				
Covering Force	1-Heavy	372	51.2	481	66.2	221	30.4
	2-Moderate	242	33.3	313	43.1	144	19.8
	3-Light	130	17.9	168	23.1	74	10.2
Defense of Position	1-heavy	166	22.9	180	24.8	64	8.8
	2-Moderate	108	14.9	117	16.1	42	5.8
	3-Light	58	8.0	63	8.7	22	3.0
Attack of Position	1-Heavy	113	15.6	113	15.6	53	7.3
	2-Moderate	74	10.2	74	10.2	35	4.8
	3-Light	40	5.5	40	5.5	19	2.6

[1]Succeeding days are the second, third, and fourth days of the battle. For the fifth-day ammunition requirements, take the average of the succeeding days rate and the protracted rate.

[2]Protracted period refers to days 6 through 15. For estimating ammunition requirements for periods greater than 15 days, use rates provided in SB 38–26, as amended by DA message 262258Z Aug 76, subject: FY 77 USAREUR Ammunition–Theater Combat Rates.

[3]STON are computed on total weight per complete round: 105-mm–68.5 lb/rd
155-mm–135.7 lb/rd
175-mm–275.4 lb/rd
8-mm–262.5 lb/rd

Table 7–5. Daily Antitank Guided Missile Requirements–Rounds Per Weapon/Launcher and Short Tons (STON)

Type of operation	Level of operation	First day Missiles	First day STON[3]	Succeeding days[1] Missiles	Succeeding days[1] STON	Protracted period[2] Missiles	Protracted period[2] STON
			Part A. TOW (Mounted/Unmounted) Ground System				
Covering Force	1-Heavy	9	.39	10	.44	4	.17
	2-Moderate	5	.22	6	.26	2	.08
	3-Light	2	.08	3	.13	1	.04
Defense of Position	1-Heavy	9	.39	10	.44	4	.17
	2-Moderate	6	.26	7	.30	2	.08
	3-Light	4	.17	4	.17	1	.04
Attack of Position	1-Heavy	7	.30	8	.34	4	.17
	2-Moderate	4	.17	5	.22	2	.08
	3-Light	2	.08	3	.13	1	.04
Recon and Security	1-Heavy	5	.22	6	.26	4	.17
	2-Moderate	3	.13	4	.17	2	.08
	3-Light	2	.08	2	.08	1	.04
			Part B. TOW Aerial System				
Covering Force	1-Heavy	11	.48	12	.52	1	.22
	2-Moderate	6	.26	7	.30	3	.13
	3-Light	2	.08	3	.13	1	.04
Defense of Position	1-Heavy	12	.52	13	.57	5	.22
	2-Moderate	7	.30	8	.34	3	.13
	3-Light	3	.13	4	.17	1	.04
Attack of Position	1-Heavy	9	.39	10	.44	5	.22
	2-Moderate	5	.22	6	.26	3	.13
	3-Light	2	.08	3	.13	1	.04
Recon and Security	1-Heavy	7	.30	8	.34	5	.22
	2-Moderate	4	.17	5	.22	3	.13
	3-Light	2	.08	2	.08	1	.04

Table 7–5. Daily Antitank Guided Missile Requirements–Rounds Per Weapon/Launcher and Short Tons (STON)—Continued

Type of operation	Level of operation	First day		Secceeding days[1]		Protracted period[2]	
		Missiles	STON	Missiles	STON[3]	Missiles	STON
			Part C. Dragon				
	1-Heavy	2	.06	2	.06	1	.03
Covering	2-Moderate	2	.06	2	.06	1	.03
Force	3-Light	1	.03	1	.03	1	.03
Defense	1-Heavy	3	.10	4	.13	1	.03
of	2-Moderate	2	.06	2	.06	1	.03
Position	3-Light	1	.03	1	.03	1	.03
Attack	1-Heavy	2	.06	3	.10	1	.03
of	2-Moderate	1	.03	2	.06	1	.03
Position	3-Light	1	.03	1	.03	1	.03
Recon	1-Heavy	2	.06	2	.06	1	.03
and	2-Moderate	1	.03	1	.03	1	.03
Security	3-Light	1	.03	1	.03	1	.03
			Part D. Shillelagh				
	1-Heavy	7	.39	8	.45	3	.17
Covering	2-Moderate	3	.17	4	.22	2	.11
Force	3-Light	2	.11	2	.11	1	.06
Defense	1-Heavy	7	.39	9	.50	3	.17
of	2-Moderate	5	.28	6	.34	2	.11
Position	3-Light	3	.17	3	.17	1	.06
Attack	1-Heavy	6	.34	7	.39	3	.17
of	2-Moderate	3	.17	4	.22	2	.11
Position	3-Light	2	.11	3	.17	1	.06
Recon	1-Heavy	4	.22	5	.28	3	.17
and	2-Moderate	2	.11	3	.17	2	.11
Security	3-Light	1	.06	1	.06	1	.06

[1]Succeeding days are the second, third, and fourth days of the battle. For the fifth-day ammunition requirements, take the average of the succeeding day rate plus the protracted rate.

[2]Protracted period refers to days 6 through 15. For estimating ammunition requirements for periods greater than 15 days, use rates provided in SB 38–26, as amended by DA message 262258Z Aug 76, subject: FY 77 USAREUR Ammunition–Theater Combat Rates.

[3]STON are computed with packaged weight per missile: Dragon– 67.0 lb/msl
Shillelagh–112.0 lb/msl

Table 7–6. Ammunition in Rounds Per Weapon Per Day and STON Per Day by Level of Operation For All Types of Divisions

1	2	3		4		5		6		7		8		9	
		Defense of Position				Attack of Position (Deliberately Organized)									
	Level	First Day		Succeeding Days[1]		First Day		Succeeding Days		Protracted Period[2]		Reserve		Training	
Weapon	of Operation	Rounds	STON[3]	Rounds	STON	Rounds	STON	Rounds	STON	Rounds	STON	Rounds	STON	Rounds	STON
1 Armament pod, acft, 7 62-mm mg, M18	Heavy	4,800	0.22	2,880	0 13	3,984	0.18	2,151	0.01	1,200	0.06	180	0.008		
	Moderate	2,700	0 13	1,620	0 08	2,241	0 10	1,210	0.06	675	0.03	101	0.005		
	Light	900	0 04	540	0.03	747	0.03	403	0 02	225	0.01	34	0 002		
2 Armament subsystem, hel, 20-mm auto gun, M35	Heavy	2,400	0 96	1,440	0.58	1,992	0 79	1,076	0 43	600	0 24	90	0 036		
	Moderate	1,350	0.54	810	0 32	1,120	0 45	605	0 24	338	0 14	51	0.020		
	Light	450	0.18	270	0 11	373	0 15	202	0.08	113	0.05	17	0.007		
3 Armament subsystem, hel, 7 6-mm mg, lt, M23	Heavy	672	0.03	407	0 02	560	0 03	306	0 01	170	0 008	26	0 001		
	Moderate	378	0 02	229	0 01	315	0 01	172	0.008	96	0.004	14	0.0006		
	Light	126	0.006	76	0 004	105	0 005	57	0.003	32	0.001	5	0.0002		
4. Armament subsystem, hel, 7.6-mm mg/40-mm lchr, hi-rate, M28A1	Heavy	1,800/257	0 08/0 09	1,080/154	0 05/0.06	1,494/212	0 07/0 08	807/115	0 04/0 04	450/64	0.02/0.02	68/10	0.003/0 004	/	/
	Moderate	1,013/144	0.05/0.05	608/87	0.03/0.03	841/120	0.04/0 04	454/65	0 02/0.02	253/36	0.01/0 01	38/5	0.002/0.002	/	/
	Light	338/48	0.02/0.01	203/29	0 01/0 01	280/40	0 01/0.01	151/22	0 01/0 01	84/12	0 003/0.004	13/2	0.0006/0 0007	/	/
5 Armored reconnaissance airborne assault vehicle M551 Ctg 152-mm/S1B (Shillelagh)	Heavy	7/7	0 2/0 39	4/9	0 1/0.50	6/6	0.2/0.34	3/7	0.1/0 39	2/3	0 06/0.17	0.3/0.3	0.01/0.016	/	/
	Moderate	4/5	0.1/0.28	2/6	0.06/0.34	3/3	0 1/0.17	2/4	0.06/0.22	1/2	0 03/0 11	0 2/0.2	0 006/0.011	/	/
	Light	1/3	0.03/0 17	1/3	0 03/0.17	1/2	0 03/0 11	1/3	0.03/0 17	1/1	0.03/0 06	0.1/0.2	0.003/0 011	/	/
6. Gun, ADA, SP, 20-mm, M163	Heavy	4,800	2.4	2,880	1.4	3,984	2 0	2,151	1.1	1,200	0 6	180	0 09		
	Moderate	2,700	1.4	1,620	0 8	2,241	1.1	1,210	0.6	675	0 3	101	0.05		
	Light	900	0 5	540	0 3	747	0 4	403	0 2	225	0 1	34	0 01		
7. Gun, FA, SP, 175-mm, M107	Heavy	166	22.9	180	24 8	113	15.6	113	15 6	98	13.5	15	2.0		
	Moderate	108	14.9	117	16 1	74	10.2	74	10 2	64	8.8	10	1.4		
	Light	58	8 0	63	8 7	40	5 5	40	5 5	34	4 7	5	0.7		
8 Howitzer, 105-mm, towed, M102	Heavy	423	14 5	467	16 0	376	12 9	381	13 0	210	7.2	32	1.1		
	Moderate	275	9.4	304	10 4	244	8 4	248	8.5	137	4 7	21	0.7		
	Light	148	5 1	163	3 6	132	4 5	133	4 6	74	2.5	11	0.4		
9 Howitzer, 155-mm, towed & SP, M114 & M109	Heavy	203	13 8	207	14.0	146	9 9	153	10 4	166	11.3	25	1.7		
	Moderate	132	9.0	135	9 2	95	6 4	99	6.7	108	7.3	16	1 1		
	Light	71	4 8	72	4 9	51	3.5	54	3.7	58	3 9	9	0 6		
10. Howitzer, 8-in, SP, M110	Heavy	177	23 2	164	21.5	130	17.1	127	16 7	118	15.5	18	2.4		
	Moderate	115	15.1	107	14.0	85	11.1	83	10 9	77	10.1	12	1 6		
	Light	62	8 1	57	7.5	46	6.0	45	5.9	42	5 5	6	0.8		
11. Launcher, grenade, 40-mm, M203	Heavy	26	0 009	15	0.006	22	0.008	12	0.005	6	0.002	1	0 0004		
	Moderate	14	0.005	9	0 003	12	0 005	7	0.003	4	0.001	0.6	0.0002		
	Light	5	0 002	3	0 001	4	0.001	2	0 0007	1	0 0004	0.2	0.0001		
12. Launcher, GM, M222 (Dragon)	Heavy	3	0 10	4	0 13	2	0 06	3	0.10	1	0 03	0.15	0.005		
	Moderate	2	0 06	2	0 06	1	0.03	2	0 06	1	0.03	0.15	0 005		
	Light	1	0 03	1	0.03	1	0.03	1	0 03	1	0 03	0 15	0 005		
13. Launcher, rkt, acft, 2 75-in, M158A41	Heavy	34	0.46	20	0.27	28	0 34	15	0.20	9	0 12	2	0 03		
	Moderate	19	0.26	11	0.15	16	0.22	9	0.12	5	0 07	1	0.01		
	Light	6	0.08	4	0 05	5	0 07	3	0.04	2	0.03	0 3	0.004		
14. Launcher, rkt, acft, 2.75-in, 19-tube (repairable), M200A1	Heavy	91	1 2	54	0.73	76	1.03	41	0.55	23	0 31	3	0 04		
	Moderate	51	0 69	31	0 42	43	0 58	23	0.31	13	0.18	2	0.03		
	Light	17	0 23	10	0 14	14	0 19	8	0 11	4	0.05	0.6	0.008		
15 Launcher, rkt, multiple, 115-mm, M91[4] See Note 4.	Heavy	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Moderate	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Light	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Table 7–6. Ammunition in Rounds Per Weapon Per Day and STON Per Day—Continued

1	2	3		4		5		6		7		8		9	
		Defense of Position				Attack of Position (Deliberately Organized)									
	Level	First Day		Succeeding Days[1]		First Day		Succeeding Days		Protracted Period[2]		Reserve		Training	
Weapon	of Operation	Rounds	STON[3]	Rounds	STON	Rounds	STON	Rounds	STON	Rounds	STON	Rounds	STON	Rounds	STON
16 Launcher, rkt, 66-mm, 4-tube, M202	Heavy	13	0 056	8	0 035	11	0 048	6	0 026	3	0 013	0 5	0 002		
	Moderate	7	0.030	5	0 022	6	0 026	3	0 013	2	0 009	0 3	0.001		
	Light	3	0 013	2	0.009	2	0 009	1	0 004	0 6	0 003	0 2	0.0009		
17 Launcher, rkt, 66-mm, M72 (LAW)	Heavy	560	2 18	364	1 42	476	1.86	240	0.94	140	0 55	21	0 08		
	Moderate	315	1.23	204	0 80	268	1.05	135	0.53	79	0 31	12	0 05		
	Light	105	0 40	68	0 27	89	0.35	45	0 18	26	0.10	4	0.02		
18. Launcher, tubular, GM (TOW)	Heavy	9	0 39	10	0 44	7	0 30	8	0.34	4	0.17	0 6	0 03		
	Moderate	6	0.26	7	0 30	4	0 17	5	0.22	2	0.08	0 3	0.01		
	Light	4	0.17	4	0.17	2	0.08	3	0.13	1	0.04	0 15	0.007		
19 Machinegun, 50 cal, M2	Heavy	210	0.041	127	0.025	175	0.034	96	0.018	54	0.010	8	0.0015		
	Moderate	118	0 023	72	0 014	99	0.019	54	0.010	30	0.006	30	0 0009		
	Light	39	0.007	24	0 005	33	0.006	18	0.003	10	0.002	2	0.0004		
20 Machinegun, 7.62-mm, M60	Heavy	519	0 024	314	0 015	433	0 02	236	0 011	131	0.006	20	0.001		
	Moderate	292	0 013	177	0.008	243	0 011	133	0 006	74	0 003	11	0.0005		
	Light	97	0 005	59	0.003	81	0 004	44	0 002	25	0 001	4	0 0002		
21 Machinegun, 7 62-mm, six barrels, M134	Heavy	4,800	0 22	2,880	0.13	3,984	0 18	2,151	0.10	1,200	0.06	180	0 008		
	Moderate	2,700	0.13	1,620	0.08	2,241	0.10	1,210	0.06	675	0 03	101	0.005		
	Light	900	0 04	540	0 03	747	0.03	403	0.02	225	0.01	34	0.002		
22. Mortar, 81-mm, M29A1	Heavy	116	1 0	70	0 61	97	0 84	53	0.46	30	0 26	5	0 04		
	Moderate	65	0.56	40	0.35	54	0.47	30	0 26	17	0.15	3	0 03		
	Light	22	0.19	13	0.11	18	0 16	10	0.09	6	0.05	1	0 01		
23. Mortar, 4 2-in, M24A1	Heavy	130	2 60	79	1 58	109	2.18	59	1 18	33	0.66	5	0.10		
	Moderate	73	1 46	45	0.90	61	1 22	33	0.66	18	0 36	3	0 06		
	Light	24	0.48	15	0 30	20	0.40	11	0 22	6	0 12	1	0.02		
24. Rifle, 5 56-mm, M16A1	Heavy	118	0.0024	72	0.0015	99	0 0020	54	0 0011	30	0 0006	5	0 0001		
	Moderate	67	0.0014	40	0.0008	56	0.0011	30	0 0006	17	0 0003	3	0 00006		
	Light	22	0.0004	13	0.0002	19	0.0003	10	0 0002	6	0.0001	1	0 00002		
25 Rifle, recoilless, 90-mm, M67	Heavy	14	0.19	9	0.12	12	0.16	6	0 08	4	0.05	0.6	0 008		
	Moderate	8	0.11	5	0.07	7	0 09	4	0 05	2	0.03	0.3	0.004		
	Light	3	0 04	2	0 03	2	0 03	1	0 01	1	0 01	0 2	0.003		
26 Submachinegun, .45 cal, M3A1	Heavy	35	0.00098	22	0 00061	30	0.00084	16	0.00044	9	0 00025	1	0 00002		
	Moderate	20	0 00056	12	0 00033	17	0 00047	9	0 00025	5	0.00014	1	0 00002		
	Light	7	0.00019	4	0.00011	6	0.00016	3	0.00008	2	0.00005	0 3	0.000008		
27 Tank, combat, full-tracked, 105-mm gun, M60A1	Heavy	62	2 12	38	1.30	52	1 78	28	0.96	16	0 55	2	0 07		
	Moderate	35	1 20	21	0 72	29	0.99	16	0 55	9	0 31	1	0.03		
	Light	12	0 41	7	0 24	10	0.34	5	0 17	2	0 07	0.3	0.01		

[1]The first day represents the first 24 hours of the engagement and succeeding days represent the second, third, and fourth days of active engagement

[2]Protracted period provides the ammunition expenditures for days 6 through 15 The fifth-day requirement may be estimated by taking the average of the succeeding day rate and the protracted rate

[3]Packed wt/rd from table 7–3

[4]For toxic munitions Toxic munitions will not be requisitioned

C. Class VII

7–8. Tank Losses: Armored/Mechanized/Infantry Force

a. General. A tank loss is any incident that precludes the vehicle from performing its assigned combat mission. The loss may be caused by either battle damage, crew failure, or maintenance failure. The loss rate is dependent on the theater of operations, force structure, terrain, the condition and state of training of the troops, the enemy to friendly force ration, and other factors to include the maintenance and supply system.

The purpose of table 7–7 is to give the planner an estimate of the loss rate he can anticipate early on in the battle before representative combat data are available. Considerations used in developing the loss table included a limitation to a conventional European conflict, a threat to friendly force ratio of three or four to one, and the assumption that sufficient maintenance personnel would be in the theater of operations to carry out effective cannibalization and repair. The tank losses listed in table 7–7 are not necessarily permanent in nature. For planning purposes, planners/force development officers using the data in table 7–7 should be aware that up to 80 percent of the losses are reparable by organizational and direct support maintenance personnel. Based on maintenance simulations the average repair time for the reparable losses is 10 manhours. The problem posed to the planner then becomes one of determining the maintenance capability of an existing force which may be applied to the repair losses. To the force planner/developer the problem becomes one of determining the maintenance capability to be designed into the force.

b. Use of Table.

(1) Table 7–7 provides a percentage loss rate by type of action and level of commitment of the force.

(2) Example: A Division commander decides to constitute a division covering force into which he intends to place 30 to 50 percent of his maneuver elements. The covering force, in its mission to delay, can be expected to be heavily committed; thus, the covering force commander can expect to lose 70 to 75 percent of his operational tanks the first day of battle. The division commander, with his covering force now committed, can consider his unit moderately committed by definition. Thus, he can expect to lose 30 percent of the division assets of operational tanks during the first day. (Second and third day percentage loss figures must be applied to the number of operational tanks on hand the first day of commitment.) When a unit has been engaged over a period of time exceeding 3 days, a protracted period rate may be determined from experience.

Table 7–7. Main Battle Tank Loss Rate[1]

ARMORED/MECHANIZED DIVISION

	DELAY (Covering Force Area) Level of Commitment			DEFEND (Main Battle Area) Level of Commitment	
	Light	Moderate	Heavy	Moderate	Heavy
First day	12%	30%	73%	22%	54%
Second day	13%	18%	8%	12%	14%
Third day	6%	11%	6%	6%	10%

[1] Up to 80 percent of the losses are reparable by organizational or direct support maintenance personnel. Based on maintenance simulations the average repair time for the reparable losses is 10 manhours.

Section III. TRANSPORTATION PLANNING

7–9. Planning Factors

a. Because of the varied services performed, the different loads carried, and the different terrain over which motor transport operations are conducted, planning factors should be used with caution and applied only in the absence of specific data on the local situation.

b. In the absence of specific data, the following factors are used in motor transport planning for computing truck and truck company requirements:

(1) *Vehicle availability.* The average number of task vehicles not in maintenance and, therefore, available for daily operations out of the total task vehicles assigned to a truck unit.

(a) Operational short range—83 per-

cent. (Maximum sustained effort; used only for all-out effort, and then only for periods of less than 30 days.)

(b) Long-range planning—75 percent.

(2) *Vehicle payload.* The load (expressed in tons of cargo or equipment) which a vehicle is designed to transport under specific conditions of operation, in addition to its unladen weight. The following are stated capacities of the vehicles; however, experience has shown that, due to cargo density and other factors, approximately two-thirds of the rated capacity is usually attained.

(a) Off road—rated capacity of vehicle, except 5,000-gallon-tank semitrailers, which are rated at 3,000-gallon capacity for off-road operations.

(b) Highway—rated capacity plus 50 percent for trailers or semitrailers and 100 percent for tactical wheeled vehicles, except tanker semitrailers, which have a maximum payload capacity of 5,000 gallons. FM 55—15 contains additional data for planning highway moves.

(c) Vehicle payloads for container transporters are as stated above, with no provisions for overload. The 34-ton transporter operates only over hard-surfaced primary and secondary highways. The 22 1/2-ton tactical transporter operates primarily over improved secondary roads, with occasional off-road movement over selected terrain.

(3) *Trips per day.* The daily round trips that a vehicle averages. These vary with running time and loading and unloading times. The following are general averages only:

(a) Line haul—one per operating shift.

(b) Local hauls—two per operating shift.

(4) *Length of haul.* The one-way distance that cargo is to be hauled, from which round-trip distance may be computed. The following are rules of thumb only:

(a) Line haul—144 kilometers one way per operating shift.

(b) Local haul—24 kilometers one way per trip.

(5) *Rate of movement.* The average number of kilometers traveled in an hour, including halts during the period of movement. For long-range planning, the following estimates may be used:

(a) Poor roads—25 kilometers in an hour.

(b) Good roads—40 kilometers in an hour.

(6) *Turnaround time.* The time consumed in loading, unloading, and moving from origin to destination and return.

(7) *Relay time.* Time consumed in loading and unloading (includes time waiting, spotting (location at loading or unloading point), documenting, and handling cargo on and off vehicles) or relay time (hookup and drop semitrailers) in lir. haul relay operations, or both.

(a) Semitrailers and straight trucks—2.5 hours loading and unloading time per round trip (direct haul).

(b) Container transporters—1.5 hours loading and unloading time per round trip (direct haul).

(c) Truck tractors in semitrailer relay operations—1 hour per relay (round trip per line-haul leg).

(8) *Operational day.* The number of hours per day in which vehicles with drivers normally are employed.

(a) One operating shift—10 hours.

(b) Round the clock (two operating shifts)—20 hours.

(9) *Unit lift and daily lift.* Unit lift is the amount of cargo a truck unit is expected to move at one time; daily lift is that which the unit can move in a day with a number of trips. Unit capabilities are discussed in FM 55—15, *Transportation Reference Data.*

(10) *Ton-kilometers and passenger-kilometers.* The product of the tons or passengers times the actual distance moved.

(11) *Vehicle speed.* The estimated speeds of tactical vehicles during daylight and nighttime conditions are provided in table 7—8.

Table 7–B. Estimated Vehicle Speeds in Kilometers per Hour

Day	Light Trucks (2 1/2- 5-T)	Medium Trucks (12-T-5,000-gal)	Heavy Trucks (52 1/2-T)
GOOD ROADS			
Day	40	40	40
Night, Headlights	40	40	40
Night, Blackout	16	16	16
POOR ROADS			
Day	25	25	25
Night, Headlights	25	25	25
Night, Blackout	8	8	8

(12) *Vehicle distances.*

(a) The estimated distances for the movement of dry cargo (less ammunition and heavy equipment transporter (HET) requirements) in a heavy corps consisting of an armored division and two mechanized divisions in the defense are given in table 7–9 (also includes covering force).

Table 7–9. Average Dry Cargo Movement Distances (Armored and Mechanized Divisions in the Defense)

FROM	TO	SURFACE DISTANCES
CDSCDM GS Units	Armored DISCDM	75 km
	Mechanized DISCOM	85 km
	Mechanized DISCDM	120 km
	Covering Force (Armd Cav Regt)	90 km
Armored DISCDM	1st Bde trains	31 km
	2d Bde trains	23 km
	3d Bde trains	22 km
Mechanized DISCDM	1st Bde trains	33 km
	2d Bde trains	29 km
	3d Bde trains	35 km
Mechanized DISCDM	1st Bde trains	23 km
	2d Bde trains	43 km
	3d Bde trains	23 km

(b) The estimated distances for the movement of replacement personnel from an intertheater aerial port of debarkation to divisions in the defense are given in table 7–10.

Table 7–10. Average Movement Distances for Personnel Replacements (Armored and Mechanized Divisions in the Defense)

FROM	TO	SURFACE DISTANCE
Aerial Port of Debarkation	Armored Division	58 NM
	Mechanized Division	51 NM
	Mechanized Division	48 NM

(13) *Heavy truck requirements.* The estimated daily HET requirements for a heavy corps in the defense are shown in table 7–11. These requirements are based on the retrograde of disabled tanks, APC's, and howitzers estimated from D-day to D+3.

Table 7–11. Daily Heavy Truck Requirements (Armored and Mechanized Divisions and Armored Cavalry Regiment in the Defense)

DATE	UNIT	LIFTS	HET REDUIREMENTS
D-Day	Armored Division	81	41
	Mechanized Division	0	0
	Mechanized Division	45	45
	Covering Force (Armd Cav Regt)	70	70
D+1	Armored Division	69	35
	Mechanized Division	0	0
	Mechanized Division	61	61
	Covering Force (Armd Cav Regt)	5	5
D+2	Armored Division	74	37
	Mechanized Division	0	0
	Mechanized Division	41	41
	Covering Force (Armd Cav Regt)	5	5
D+3	Armored Division	14	7
	Mechanized Division	39	20
	Mechanized Division	63	63
	Covering Force (Armd Cav Regt)	7	7

(14) *Nondivisional vehicles required for unit moves.* The estimated number and types of nondivisional vehicles required to move a corps consisting of an armored, an infantry, and two mechanized divisions in a delaying action are provided in table 7–12.

Table 7–12 Nondivisional Vehicles Required for Unit Moves–First Day of Delaying Action[1] (Armored, Mechanized, and Infantry Divisions in the Delay)

UNITS	LT TRUCK 2 1/2-T	LT TRUCK 5-T	MEDIUM TRUCK 12-T, S&P	HEAVY TRUCK 52 1/2-T
Armored Division	104	37	56	52
Mechanized Division	105	37	59	44
Mechanized Division	111	40	61	13
Infantry Division	94	36	49	0

[1] Vehicle allocation is as follows
(1) Passengers move by 2½-ton truck.
(2) One-fourth of cargo moves by 2½-ton truck
(3) One-fourth of cargo moves by 5-ton truck
(4) One-half of cargo moves by 12-ton stake and platform (S&P)

(15) A formula for determining unit capability is provided below:

$$UC = \frac{\text{Shifts/day} \times \text{VEH} \times \text{STON/day} \times [(T_s)(\text{KMIH}) - 2(\text{OWD}_s)]}{(T_d)(\text{KMIH}) + 2(\text{OWD}_m)}$$

UC = Unit capability in STON per day.

VEH = Available vehicles.

T_s = Length of one shift.

KMIH = Speed of vehicle, kilometers "in the hour."

OWD_s = One way distance between motor pool and initial pick-up point.

OWD_m = One way distance between initial pick-up point and destination.

T_d = Delay time.

APPENDIX A
REFERENCES

A–1. Air Force Manuals

(C) AFM 76–2	Airlift Planning Factors (U)
AFM 76–3	Standard Loads in Air Force C–130 Aircraft
AFM 76–4	Standard Loads in Air Force C–141 Aircraft
AFM 76–6	Movement of Army Units in Air Force Aircraft
AFM 76–12	Standard Loads in Air Force C–5 Aircraft

A–2. Army Regulations

AR 11–8	Principles and Policies of the Army Logistic System
(S) AR 11–11	Major Command Stockage Levels Worldwide (U)
AR 95–33	Army Aircraft Inventory, Status, and Flying Time
AR 220–10	Preparation for Oversea Movement of Units (POM)
AR 310–25	Dictionary of United States Army Terms (Short Title: AD)
AR 310–50	Authorized Abbreviations and Brevity Codes
AR 633–51	Civilian Internees Administration, Employment, and Compensation
AR 700–18	Provisioning of US Army Equipment
AR 700–120	Materiel Distribution Management
AR 710–1	Centralized Inventory Management of the Army Supply System
AR 710–2	Materiel Management for Using Units, Support Units, and Installations

A–3. Department of the Army Pamphlets

DA Pam 310–series	Military publications indexes
DA Pam 700–1	Department of Defense Supply Management Reference Book
DA Pam 701–1–1	Objective of the Army Logistics System Master Plan
DA Pam 701–1–3	The Army Logistics System Master Plan

A–4. Department of Defense Regulations

DOD Reg 4500.32	(MILSTAMP)

A–5. Field Manuals

FM 1–15	Aviation Company, Battalion, Group, and Brigade
FM 1–50	Fixed Wing Flight
FM 1–51	Rotary Wing Flight
FM 1–100	Army Aviation Utilization
FM 1–105	Aviator's Handbook
FM 5–34	Engineer Field Data
FM 5–35	Engineer's Reference and Logistical Data
FM 5–36	Route Reconnaissance and Classification
FM 8–8 (J)	Medical Support in Joint Operations
FM 8–10	Medical Support, Theater of Operations

FM 8–15	Medical Support in Divisions, Separate Brigades, and the Armored Cavalry Regiment
FM 9–6	Ammunition Service in the Theater of Operations
FM 9–38	Conventional Ammunition Unit Operations
FM 9–47	Special Ammunition Unit Operations
FM 10–13	Supply and Service Reference Data
FM 10–60	Supply of Subsistence in a Theater of Operations
FM 10–67	Petroleum Supply in Theaters of Operations
FM 12–1	Adjutant General Support in Theaters of Operations
FM 12–2	Personnel and Administrative Support in Theaters of Operations
FM 12–4	Division/Separate Brigade Adjutant General
FM 12–5	Personnel Service Company
FM 12–11	Administrative Support in Theaters of Operations
FM 14–3	Comptroller Support in Theaters of Operations
FM 14–4	Division/Separate Brigade Finance Officer
FM 14–6	Finance Services in Theaters of Operations
FM 20–15	Pole and Frame Supported Tents
FM 20–16	Air-Supported Tentage
FM 29–5	The Field Depot
FM 29–6	The Personnel Command
FM 29–20	Maintenance Management in Theaters of Operations
FM 29–23	Direct Support Maintenance Battalion (Nondivisional)
FM 29–25	Direct Exchange, Shop Supply, and Operational Readiness Float Procedures
FM 29–30–1	Division Maintenance Battalion
FM 29–45[1]	General Support Supply and Service in the Field Army
FM 29–50	Supply and Services in Divisions and Separate Brigades
FM 31–60	River-Crossing Operations
FM 31–82	Base Development
FM 38–1	Logistics Management
FM 55–12	Movement of Army Units in Air Force Aircraft
FM 55–13	Air Transport of Supplies and Equipment; Standard Loads in Air Force C–5 Aircraft
FM 55–15	Transportation Reference Data
FM 55–20	Army Rail Transport Operations and Units
FM 55–30	Army Motor Transport Operations
FM 55–31	Army Motor Transport Unit
FM 55–60	Army Terminal Operations
FM 55–70	Army Transportation Container Operations

[1] Obsolete due to EAD concept. FM 54–9, Corps Support Command, to be printed.

FM 57–35	Airmobile Operations
FM 57–38	Pathfinder Operations
FM 100–5	Operations of Army Forces in the Field
FM 100–10	Combat Service Support
FM 100–15	Larger Units: Theater Army-Corps
FM 101–5	Staff Officers' Field Manual: Staff Organization and Procedure
FM 101–10–2	Staff Officers' Field Manual: Organizational, Technical and Logistic Data-Extracts of Nondivisional Tables of Organization and Equipment
(S) FM 101–10–3	Staff Officers' Field Manual: Organizational, Technical and Logistical Data-Classified Data (U)
FM 101–20	US Army Aviation Planning Manual
FM 105–5	Maneuver Control

A–6. FORSCOM Regulation

FORSCOM Reg 700–3	Logistics-Basic Load Ammunition Supply Data

A–7. Joint Chiefs of Staff Publications

JCS Pub 1	Dictionary of US Military Terms for Joint Usage (Short Term: JD)

A–8. Military Airlift Command Manual

MAC 55–4	C–141 Configuration/Mission Planning Manual

A–9. Supply Bulletins

SB 10–495	Standard "B" ration for the Armed Forces
(C) SB 38–26	Ammunition Supply Rates (U)
SB 700–20	Army Adopted/Other Items Selected For Authorization List of Reportable Items
SB 710–2	Supply Control: Combat Consumption Rates for Ground and Aviation Type Petroleum Products

A–10. Technical Bulletins

TB 55–46–1, –2	Standard Characteristics for Transportability of Military Vehicles and Other Outsize/Overweight Equipment

A–11. Technical Manuals

TM 5–210	Military Floating Bridge Equipment
TM 5–301–1	Army Facilities Components System-Planning (Temperate)
TM 5–301–2	Army Facilities Components System-Planning (Tropical)
TM 5–301–3	Army Facilities Components System-Planning (Frigid)
TM 5–301–4	Army Facilities Components System-Planning (Desert)
TM 5–302	Construction in the Theater of Operations
TM 5–303	Army Facilities Components System-Logistic Data and Bills of Materials
TM 5–312	Military Fixed Bridges
TM 5–330	Planning and Design of Roads, Airbases, and Heliports in the Theater of Operations

TM 5—343	Military Petroleum Pipeline Systems
TM 5—360	Port Construction and Rehabilitation
TM 9—500	Data Sheets for Ordnance Type Materiel
TM 9—1300—206	Ammunition and Explosive Standards
TM 10—1100—series	Petroleum Handling Equipment and Operations
TM 55—206	Railway Train Operations
TM 55—310	Motor Transport Operations
TM 55—450—10/1	Air Transport of Supplies and Equipment: Standard Loads in Air Force C—130 Aircraft
TM 55—450—10/2	Air Transport of Supplies and Equipment: Standard Loads in Air Force C—141 Aircraft
TM 55—450—15	Air Movement of Troops and Equipment (Nontactical)
TM 55—513	Military Stevedoring

A—12. TRADOC Pamphlets

TRADOC Pam 310—4	Reference Digest of Tables of Organization and Equipment (TOE)

A—13. USAREUR Regulation

USAREUR Reg 710—65	Inventory Management-Ammunition Allocation—Basic Loads (Class V)

A—14. Miscellaneous Publications[2]

Janes World Railways—McGraw-Hill

Railway Age (US)

Railway Gazette (British)

The Military Sealift Command "Ship Register"

[2]Available at Army installation libraries.

APPENDIX B
MISCELLANEOUS DATA

Table B–1. Weight Conversion Factors

	1	2	3	4	5	6
1	Unit	Long tons	Metric tons	Short tons	Kilograms	Pounds
2	1 long ton =	---	1.0160	1.1200	1,016.0	2,240.0000
3	1 metric ton =	0.9842	---	1.1023	1,000.0	2,204.6000
4	1 short ton =	0.8929	0.9072	---	907.2	2,000.0000
5	1 kilogram =	---	---	---	---	2.2046

AG-0001

Table B–2. Speed Conversion Factors

	1	2	3	4	5	6	7	8
1	Unit	Knots	Statute miles per hour	Kilometers per hour	Feet per minute	Feet per second	Meters per minute	Meters per second
2	1 knot* =	---	1.1516	1.8532	101.34	1.6890	30.89	0.5148
3	1 mile per hour =	0.8684	---	1.6093	88.00	1.4667	26.82	0.4470
4	1 kilometer per hour =	0.5396	0.6214	---	54.68	0.9113	16.67	0.2278

AG-0002

*One knot—nautical mile per hour.

Table B–3. Power Conversion Factors

	1	2	3	4	5	6	7
1	Unit	Metric horsepower	Kilowatts	Horsepower	BTU* per minute	Foot-pounds per second	Foot-pounds per minute
2	1 kilowatt =	1.360	---	1.34100	56.88	737.600	44,250.0
3	1 horsepower =	1.014	0.74570	---	42.42	550.000	33,000.0
4	1 BTU* per minute =	0.0239	0.01758	0.02358	---	12.968	778.1

AG-0003

*BTU, or British thermal unit, is the quantity of heat required to raise the temperature of 1 pound of water 1° F.

Table B–4. Angular Measurement Conversion Factors

	1	2	3	4	5
1	Unit	Radians	Degrees	Mils	Minutes
2	1 radian =	---	57.2958	1,018.600	---
3	1 degree =	0.017453	---	17.778	60.000
4	1 mil =	---	0.05625	---	3.375

AG-0004

Note. 360°—2π radians—6,400 mils.

Table B–5. Linear Measurement Conversion Factors

	1	2	3	4	5	6	7	8	9	10	11
1	Unit	Nautical miles*	Statute miles	Kilometers	Cable lengths	Fathoms	Meters	Yards	Feet	Inches	Centimeters
2	1 nautical mile =	---	1.1509	1.8519	8.439	1,012.7000	1,852.0000	2,025.4000	6,076.1150	72,913.0000	182,918.30
3	1 statute mile =	0.8681	---	1.6093	7.333	880.0000	1,609.3000	1,760.0000	5,280.0000	63,360.0000	160,933.00
4	1 kilometer =	0.5393	0.6214	---	4.557	546.8000	1,000.0000	1,093.6000	3,281.0000	39,370.0000	100,000.00
5	1 cable length =	0.1183	0.1364	0.2195	---	120.0000	219.5000	240.0000	720.0000	8,640.0000	21,945.00
6	1 fathom =	---	---	---	---	---	1.8290	2.0000	6.0000	72.0000	182.88
7	1 meter =	---	---	---	---	0.5468	---	1.0936	3.2810	39.3700	100.00
8	1 yard =	---	---	---	---	0.5000	0.9144	---	3.0000	36.0000	91.44
9	1 foot =	---	---	---	---	0.1667	0.3048	0.3333	---	12.0000	30.48
10	1 inch =	---	---	---	---	---	---	---	0 0833	---	2.54
11	1 centimeter =	---	---	---	---	---	---	---	0.0328	0.3937	---

AG-0003.

*The nautical mile is the same as the International Nautical Mile. In some texts, the nautical mile may appear as 6,080.2 feet.

Table B–6. Surface Measurement Conversion Factors

	1	2	3	4	5	6	7	8	9
1	Unit	Square miles	Square kilometers	Hectares	Acres	Square rods	Square meters	Square yards	Square feet
2	1 square mile =	---	2.590	259.0000	640.000	102,400.0000	2,589,945.0000	3,097,600 0000	---
3	1 square kilometer =	0.3861	---	100.000	247.100	29,537.0000	1,000,000.0000	1,196,010.0000	---
4	1 hectare =	---	0.010	---	2.471	395.40000	10,000.0000	11,960.0000	17,641.000
5	1 acre =	---	---	0.4047	---	160.00000	4,047.0000	4,840.0000	43,560.000
6	1 square rod =	---	---	---	---	---	25.2900	30 2500	272.250
7	1 square meter =	---	---	---	---	0.03954	---	1.1960	10.764
8	1 square yard =	---	---	---	---	0.03306	0.8361	---	9.000

AG-0002

Table B–7. Volume Measurement Conversion Factors

	1	2	3	4	5	6
1	Unit	Cubic feet	Imperial gallons	U.S. gallons	Liters	Quarts
2	1 cubic foot =	---	6.2290	7.4810	28.320	29.9200
3	1 imperial gallon =	0.16054	---	1.2010	4.546	4.8040
4	1 U.S. gallon =	0.13368	0.8327	---	3.785	4.0000
5	1 liter =	0.03532	0.2201	0.2642	---	1.0567
6	1 measurement ton =	40.00000	---	---	---	---
7	1 barrel (petroleum) =	5.61000	---	42.0000	---	---

AG 0002

Table B–8. Speed of Sound Physical Constants

	1	2	3	4	5	6	7	8
1	Unit	In air (at °F.)					In water	
		−10°	0°	30°	70°	100°	Fresh	Salt
2	Feet per second =	1,039	1,050	1,083	1,127	1,171	4,700	4,752
3	Miles per hour =	708	716	738	768	797	3,205	3,246
4	Centimeters per second =	31,669	32,004	32,932	34,350	35,692	143,256	144,840
5	Kilometers per hour =	1,139	1,152	1,188	1,236	1,283	5,158	5,224

AG 0002

Table B–9. Other Physical Constants

	1	2	3
1	Constant	Unit of measure	
		Metric	Nonmetric
2	Speed of light	229,330 km per sec	186,000 mi per sec
3	Acceleration due to gravity	981 cm per sec	32.2 ft per sec
4	Atmospheric pressure equal to theoretical maximum height of column of water, by suction.	10,366 kg per sq m 1,033 cm	14.7 lb per sq in 39.9 ft
5	Circumference of earth at Equator	40,075 km	24,902 mi
6	Time between moons	29 days, 12 hr, 44 min	

AG 0002

APPENDIX C
PROPONENTS

The overall proponency for FM 101—10—1 is the Combined Arms Center. Proponency for chapters is as follows:

Chapter 1—Combined Arms Center

Chapter 2—Combined Arms Center

Chapter 3—Logistics Center*

Chapter 4—Logistics Center**

Chapter 5—Administration Center

Chapter 6—Engineer School

*Data provided by the Quartermaster School (Class V data prepared by Combined Arms Center)
**Data provided by the Transportation School

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By Order of the Secretary of the Army:

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FOREWORD

FM 101—10—1 provides planning data for staff officers at all echelons; however, the primary thrust in developing planning data has been to fulfill the needs of planners at division level. Data pertaining to TOE's are limited to divisional, separate brigade, and armored cavalry regiment. FM 101—10—2 contains data pertaining to nondivisional TOE's.

There is a change in format and content in this edition of FM 101—10—1. Revision efforts have been directed toward removing unnecessary detail and information readily available in other manuals, updating organizational structure, and obtaining up-to-date and currently required planning factors. Although situationally dependent planning factors are provided for ammunition (tables 3—27 through 3—30), for PW capture rates, and for personnel loss rates, work is in progress through gaming/simulation techniques to expand the data base. When available, this data will be published as Chapter 7 as part of a Change 1 to the manual.

The previous edition of FM 101—10—1 has been criticized for the historical nature of the data it presents; i.e., much of the data are based on World War II and the Korean war experience. Where possible, data applicable to current organizations and equipment, drawn from these experiences, have been validated through comparison with more recent experiences. The historical data, when used for its intended purpose, must be tempered by judgment and experience, to be considered valid.

During the FM 101—10—1 revision effort, it was discovered that confusion exists in the meaning of a "day of supply," where it is defined, and where and how it is to be used. The planner should keep in mind that the average "day of supply" for any class, subclass, or item of supply can vary a great deal depending on for example, the size and makeup of the force being planned for, and its location. For a large force (in excess of 150,000 men) the proper source, for planning purposes, for class V (ammunition) requirements might be Supply Bulletin 38-26, *Theater Ammunition Rates*, for a divisional force the source could be a number of rounds per weapon per day drawn from table 3—27 (Ammunition per type unit per weapon per day expressed in rounds and STONS). The planner should also recognize that regardless of the data source it must be tempered by experience and judgment.

Commanders and planners must recognize that materiel availability in war is limited. Commanders and planners must calculate requirements based on assumptions of disciplined control of expenditures and enforced standards of conservation in the execution phase. Austerity requires skill, judgment, controls, and command supervision to guard against unnecessary expenditures and the accumulation of nonessential stocks. These concepts are significant, difficult to articulate, and hard to get into practice, but, austerity and success in battle are mutually supporting. Materiel saved becomes available for use when really needed. Skilled and disciplined planning and execution are essential to mission accomplishment.

FM 101–10–1*

FIELD MANUAL
No 101–10–1

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., *1 July 1976*

STAFF OFFICERS' FIELD MANUAL

ORGANIZATIONAL, TECHNICAL, AND LOGISTIC DATA (UNCLASSIFIED DATA)

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*This manual supersedes FM 101–10–1, 26 July 1971.

CHAPTER 1
INTRODUCTION

1–1. Purpose and Scope

a. Purpose. This manual, for use as a planning guide only, provides general planning data for staff officers of all echelons. Detailed reference data are found in tables of organization and equipment (TOE), field manuals, technical manuals, technical bulletins, and supply bulletins as outlined in the DA Pamphlet 310 series. The principles and procedures of combat service support are in FM 100–10; the duties of the staff officers and the principles and procedures of staff action are in FM 101–5.

b. Scope. Source data cutoff date for material contained in this manual is November 1975. Tables, organization charts, and examples are not, in all cases, based on latest DA published TOE; therefore, computations must be adjusted accordingly. The TOE series used in making the calculations is indicated to permit the user to make adjustments, when needed, through comparison of TOE.

NOTE: Technical and logistic data in this manual are based on the latest Army equipment listed in SB 700–20 and on current aircraft and vessels available to the US Air Force and US Navy. In some instances, the data are the same as that contained in previous editions of this manual and reflect data based on experience in World War II, the Korean war, and Vietnam. This data has been validated to the greatest extent possible using subsequent experience such as data available from the 1973 Mideast War and gaming and simulation models such as the Combined Arms Center's Division Wargame (DIVWAG) and the Scenario Oriented Recurring Evaluation System (SCORES). It represents the best unclassified planning data available at this time.

1–2. Standardization Agreements

This manual is in consonance with the following international standardization agreements which are identified by type of agreement and number at the beginning of each appropriate chapter in this manual:

Title	*NATO STANAG*	*CENTO STANAG*	*SEATO SEASTAG*
Ammunition Supply Procedure	2034 (2d ed)	....	2034
Route Network-Definitions and Characteristics	2151 (2d ed)	2151	2151
Standard Scales of Maps Affecting Land Operations	2206 (2d ed)	2206 (2d ed)	2206

1–3. Definitions and Abbreviations

Definitions and abbreviations used in this manual are in consonance with those contained in JCS Pub 1, AR 310–25, AR 310–50, the Government Printing Office Style Manual, and Webster's Third New International Dictionary (Unabridged).

1–4. Proponent

Inquiries concerning data sources should be directed to the commands/agencies reflected in appendix C. These organizations are authorized to communicate with staff planners concerning the data.

1–5. Recommended Changes

Users of this manual should submit recommended changes and comments to improve the manual. Comments should be keyed to the specific page, paragraph, and line of the text in which the change is recommended. Reasons should be provided for each comment to insure understanding and complete evaluation. Comments should be prepared using DA Form 2028 (Recommended Changes to Publications) and forwarded direct to the Commandant, U.S. Army Command and General Staff College: ATSW-LG, Fort Leavenworth, Kansas 66027.

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Section I. GENERAL

2–1. General

This section presents data on the organization and equipment of the Army divisions and their subordinate elements. Organization charts and tables of selected items of equipment are included for the armored, infantry, mechanized, airborne, and air assault divisions and their subordinate elements. These data are not intended to provide complete or exhaustive coverage of the types of divisions and their equipment, but are for use in general planning by staff officers of all echelons. The number in parentheses following the TOE number refers to the change number reflected in the statement's body.

Section II. DIVISIONS

2–2. Types of Armored, Infantry, and Mechanized Divisions

Figure 2–1 provides specific organizational structures for types of armored, infantry, and mechanized divisions. Each type of division has a division base and specific numbers of maneuver battalions. Figure 2–1 provides the organizational structure for elements of these three types of divisions. Tables 2–1 through 2–14 contain summaries of selected items of equipment by class of supply for the three divisions and their subordinate units.

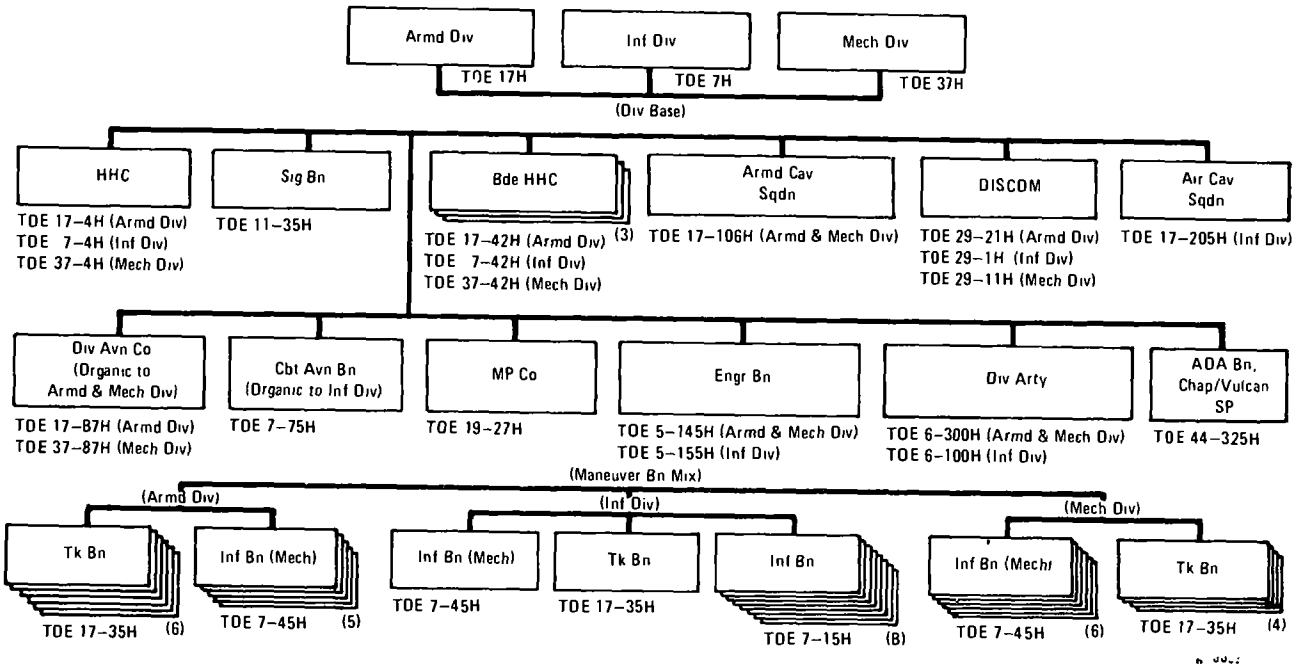

Figure 2–1. Types of armored, infantry, and mechanized divisions.

TOE 17H Armd Div (1)

Mission. To destroy enemy armed forces and to control land areas, including populations and resources.

Capabilities. a. This unit has the following capabilities:

(1) Conducts sustained combat operations against any type of opposing ground forces.

(2) Accomplishes rapid movement, deep penetration, and pursuit over great distances.

(3) Exploits successes, including effects of nuclear and nonnuclear fires.

(4) Conducts covering force operations.

(5) Provides restricted and nonrestricted defense.

(6) Provides counterattack and maneuvering force.

(7) Operates as part of a joint task force in amphibious operations.

(8) Provides protection against antitank, artillery, and nuclear fires.

(9) Provides control and administration for up to 15 maneuver battalions.

(10) Provides organic air defense against low-altitude hostile aircraft.

b. This unit has the following limitations:

(1) Heavy equipment cannot be lifted by Army aircraft.

(2) Mobility is restricted by jungle; dense forest; steep, rugged terrain; and water obstacles.

(3) Requires heavy logistic support, to include rail or highway transport of tracked vehicles for long administrative moves.

Mobility. Mobility of units organic to this division is included in appropriate component TOE extracts.

Strength.

a.	Level 1:	Off 637	WO 150	EM 7,936	Aggr 8,723
b.	Level 2:	Off 597	WO 141	EM 7,358	Aggr 8,096
c.	Level 3:	Off 562	WO 135	EM 6,662	Aggr 7,359

Summary of equipment. See table 2—1.

NOTE: Strength figures do not include maneuver battalions.

TOE 7H Inf Div (3)

Mission. To destroy enemy armed forces and to control land areas, including population and resources.

Capabilities. a. This unit has the following capabilities:

(1) Conducts sustained combat operations against comparably equipped ground forces in difficult weather or terrain.

(2) Conducts airmobile operations, when provided necessary Army airlift.

(3) Operates as part of a joint task force in amphibious operations.

(4) Conducts air-landed operations as part of a joint task force.

(5) Controls enemy population.

(6) Restores order.

(7) Provides logistic support to assigned and attached units.

(8) Provides control and administration for up to 15 maneuver battalions.

(9) Provides organic air defense against low-altitude hostile aircraft.

b. This unit has the following limitations:

(1) Limited airlift capability.

(2) Limited ground vehicular mobility.

(3) Limited protection against armor.

(4) Limited protection against conventional and nuclear fires.

Mobility. Mobility of units organic to this division is included in appropriate component TOE extracts.

Strength.

a.	Level 1:	Off 682	WO 285	EM 7,641	Aggr 8,608
b.	Level 2:	Off 649	WO 267	EM 7,065	Aggr 7,981
c.	Level 3:	Off 607	WO 248	EM 6,253	Aggr 7,108

Summary of equipment. See table 2—2.

NOTE: Strength figures do not include maneuver battalions.

TOE 37H Mech Div (2)

Mission. To destroy enemy armed forces and

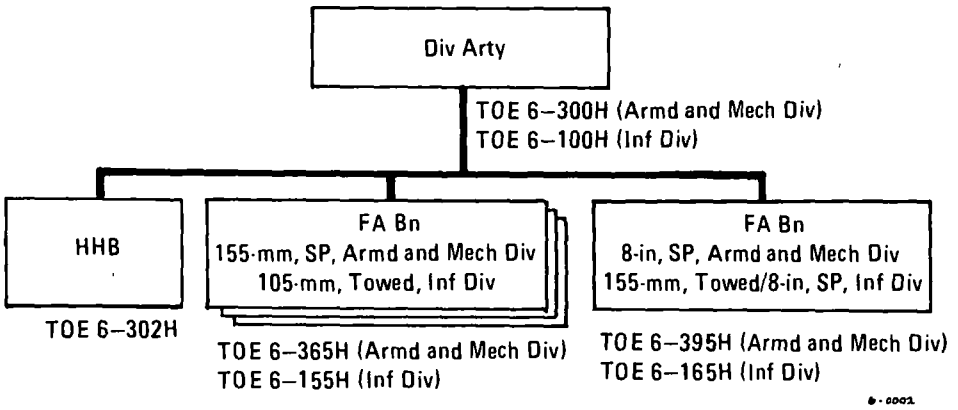

Figure 2–2. Armored, infantry, and mechanized division artillery.

TOE 6–300H Div Arty (Armd and Mech Div) (1)

TOE 6–100H Div Arty (Inf Div) (1)

Mission. To provide field artillery fire support for an armored, infantry, or mechanized division.

Assignment. a. Organic to armored division, TOE 17H.

b. Organic to infantry division, TOE 7H.

c. Organic to mechanized division, TOE 37H.

Capabilities. a. Delivers special and conventional ammunition fires of appropriate type, caliber, and density under all conditions of weather, visibility, and terrain.

b. Provides the fire support element (FSE) of the division's tactical operations center (TOC).

c. Commands and controls organic and attached field artillery units.

d. Provides fire support officer (FSO) and/or forward observer (FO) support to three maneuver brigades and their attached maneuver battalions.

Mobility. Eighty percent mobile in organic vehicles.

Strength.

6–300H

a.	Level 1:	Off 173	WO 28	EM 2,177	Aggr 2,376
b.	Level 2:	Off 162	WO 28	EM 2,033	Aggr 2,223
c.	Level 3:	Off 161	WO 28	EM 1,922	Aggr 2,111

6–100H

a.	Level 1:	Off 174	WO 28	EM 2,099	Aggr 2,301
b.	Level 2:	Off 165	WO 28	EM 1,945	Aggr 2,138
c.	Level 3:	Off 158	WO 28	EM 1,722	Aggr 1,908

Summary of equipment. See table 2–4.

TOE 6–302H HHB, Armd, Inf, and Mech Div Arty (10)

Mission. To direct and coordinate operations of division artillery and attached units and to provide facilities for control of these units.

Assignment. a. Organic to division artillery, armored, or mechanized division, TOE 6–300H.

b. Organic to division artillery, armored or infantry division, TOE 6–100H.

Capabilities. a. Plans, supervises, coordinates, and controls units organic to division artillery and attached units.

b. Provides its component of the field artillery weapon systems, to include its required means for target acquisition, fire control and coordination, communications, survey, ballistic meteorology, transportation, and logistics.

c. Provides unit-level medical support, including medical care and intraunit evacuation, to division artillery HHB and attached units.

d. Provides a liaison section, as required.

e. Provides FSE of division TOC.

f. Provides organizational level maintenance on organic equipment.

Mobility. Eighty percent mobile in organic vehicles.

Strength.

a. Level 1: Off 35 WO 17 EM 187 Aggr 239
b. Level 2: Off 31 WO 17 EM 173 Aggr 221
c. Level 3: Off 30 WO 17 EM 150 Aggr 197

Summary of equipment. See table 2–4.

TOE 6–155H FA Bn, 105-mm, Towed, Inf Div Arty (No change)

Mission. To provide field artillery fires in direct support of a maneuver brigade (tank or infantry) and to reinforce the fires of other field artillery units.

Assignment. Organic to division artillery, infantry division, TOE 6–100H.

Capabilities. a. Provides continuous and timely field artillery fires in support of the supported unit.

b. Provides its component of division artillery communication, air defense, survey, and target acquisition systems.

c. Provides limited unit medical support for organic units, to include medical care and intrabattalion evacuation.

d. Procures and distributes all classes of supplies to organic units, maintains appropriate supply and materiel records, and transports its prescribed basic load of ammunition.

e. Provides FSO and FO support to one maneuver brigade with up to three maneuver battalions.

Mobility. Seventy percent mobile in organic vehicles.

Strength.

a. Level 1: Off 37 WO 3 EM 443 Aggr 483
b. Level 2: Off 36 WO 3 EM 413 Aggr 452
c. Level 3: Off 34 WO 3 EM 365 Aggr 402

Summary of equipment. See table 2–5.

TOE 6–156H HHB, FA Bn, 105-mm, Towed, Inf Div Arty (12)

Mission. To direct and coordinate operations of the battalion and to provide facilities with which the battalion commander controls the battalion.

Assignment. Organic to field artillery battalion, 105-mm towed, infantry division, TOE 6–155H.

Capabilities. a. Plans, supervises, coordinates, and controls operations of organic units of the battalion.

b. Provides survey control for the battalion.

c. Provides unit-level medical support, to include medical care and intrabattalion evacuation, establishes an aid station, furnishes aidmen to organic units of the battalion, and supervises field sanitation within the battalion.

d. Provides liaison sections to support one maneuver brigade with three maneuver battalions (tank or infantry).

e. Provides air defense against low-altitude hostile aircraft.

f. Provides its portion of the battalion communication and target acquisition systems.

g. Performs organizational-level maintenance on organic equipment, except for battalion-level maintenance on automotive equipment.

h. Performs organizational-level maintenance on field communications equipment organic to the battalion.

Mobility. Fifty-nine percent mobile in organic vehicles.

Strength.

a. Level 1: Off 17 WO 2 EM 116 Aggr 135
b. Level 2: Off 16 WO 2 EM 104 Aggr 122
c. Level 3: Off 14 WO 2 EM 96 Aggr 112

Summary of equipment. See table 2–5.

TOE 6–157H FA Btry, 105-mm, Towed, FA Bn, 105-mm, Towed, Inf Div Arty (11)

Mission. To provide a firing component of the field artillery battalion, 105-mm, towed.

Assignment. Organic to field artillery battalion, 105-mm, towed, infantry division, TOE 6–155H, and to field artillery battalion, 105-mm, towed, separate infantry brigade, TOE 6–185H.

Capabilities. a. Delivers 105-mm fires of appropriate type and density at time and and place required.

b. Furnishes its portion of the battalion communication, survey, and target acquisition systems.

c. Transports its portion of the battalion basic load of ammunition.

d. Performs organizational-level maintenance on organic equipment, except field radio equipment, and battalion-level maintenance on automotive equipment.

Mobility. Sixty-six percent mobile in organic vehicles.

Strength.

a. Level 1: Off 6 WO 0 EM 92 Aggr 98
b. Level 2: Off 6 WO 0 EM 86 Aggr 92
c. Level 3: Off 6 WO 0 EM 74 Aggr 80

Summary of equipment. See table 2–5.

TOE 6–159H, Svc Btry, FA Bn, 105-mm, Towed, Inf Div Arty (12)

Mission. To procure and distribute all classes of supplies to units of the battalion, to maintain appropriate supply records, and to perform organizational-level maintenance functions not otherwise accomplished within the battalion.

Assignment. Organic to field artillery battalion, 105-mm, towed, infantry division, TOE 6–155H and to field artillery battalion, 105-mm, towed, separate infantry brigade, TOE 6–185H.

Capabilities. a. Procures and distributes all classes of supplies to units of the battalion.

b. Maintains appropriate supply records.

c. Provides battalion-level automotive maintenance support.

d. Transports its portion of the battalion basic load of ammunition.

e. Performs organizational-level maintenance on organic equipment, except for field radio equipment.

Mobility. Eighty-five percent mobile in organic vehicles.

Strength.

a. Level 1: Off 2 WO 1 EM 51 Aggr 54
b. Level 2: Off 2 WO 1 EM 51 Aggr 54
c. Level 3: Off 2 WO 1 EM 47 Aggr 50

Summary of equipment. See table 2–5.

TOE 6–165H, FA Bn, 155-mm, Towed/8-in, SP, Inf Div Arty (1)

Mission. To provide field artillery fires, to include nuclear, in general support of an infantry division and to reinforce the fires of other field artillery units.

Assignment. Organic to division artillery, infantry division, TOE 6–100H.

Capabilities. a. Provides continuous and timely field artillery fire support to the supported force, to include nuclear fires.

b. Provides its component of division artillery communication, survey, air defense, and target acquisition systems.

c. Procures and distributes all classes of supply to organic units, maintains appropriate supply and materiel records, and transports its prescribed basic load of ammunition.

d. Provides limited unit medical support for organic units, to include medical care and intrabattalion evacuation.

Mobility. Sixty-five percent mobile in organic vehicles.

Strength.

a. Level 1: Off 28 WO 2 EM 583 Aggr 613
b. Level 2: Off 26 WO 2 EM 533 Aggr 561
c. Level 3: Off 26 WO 2 EM 477 Aggr 505

Summary of equipment. See table 2–5.

TOE 6–166H, HHB, FA Bn, 155-mm, Towed, 8-in SP, Inf Div Arty (11)

Mission. To direct and coordinate operations of the battalion and to provide facilities with which the battalion commander controls the battalion.

Assignment. Organic to field artillery battalion, 155-mm, towed/8-in, self-propelled, infantry division, TOE 6–165H.

Capabilities. a. Plans, supervises, coordinates, and controls operations of organic units of the battalion.

b. Provides limited unit-level medical support, to include medical care and intrabattalion evacuation, establishes an aid station, furnishes aidmen to organic units of the battalion, and supervises field sanitation within the battalion.

c. Provides survey control for the battalion.

d. Provides air defense against low-altitude hostile aircraft.

e. Provides its portion of the battalion communication system.

f. Performs organizational-level maintenance, except that performed by the operators, on computer gun direction field artillery digital automatic computer (FADAC) and field communication equipment.

Mobility. Fifty-two percent mobile in organic vehicles.

Strength.

a. Level 1: Off 14 WO 1 EM 116 Aggr 131
b. Level 2: Off 12 WO 1 EM 105 Aggr 118
c. Level 3: Off 12 WO 1 EM 98 Aggr 111

Summary of equipment. See table 2–5.

TOE 6–167H, FA Btry, 155-mm, Towed, FA Bn, 155-mm, Towed/8-in, SP, Inf Div Arty (10)

Mission. To provide a firing component of the field artillery battalion, 155-mm, towed/8-in, self-propelled.

Assignment. Organic to field artillery battalion, 155-mm, towed/8-in, self-propelled, infantry division, TOE 6–165H.

Capabilities. a. Delivers 155-mm fires conventional and special ammunition at time and place required.

b. Transports its portion of the battalion basic load of ammunition.

c. Furnishes its portion of the battalion communication system.

d. Performs organizational-level maintenance on organic equipment, except for field radio equipment, computer gun direction, and battalion-level maintenance on automotive equipment.

Mobility. Fifty-nine percent mobile in organic vehicles.

Strength.

a. Level 1: Off 2 WO 0 EM 100 Aggr 102
b. Level 2: Off 2 WO 0 EM 94 Aggr 96
c. Level 3: Off 2 WO 0 EM 82 Aggr 84

Summary of equipment. See table 2–5.

Summary of equipment. See table 2–6.

TOE 44–325H ADA Bn, Chap/Vulcan, SP, Armd, Inf, and Mech Div (1)

Mission. To provide air defense for forward combat elements against low-altitude hostile aircraft and to destroy hostile targets on land or water, as required.

Assignment. a. Organic to armored division, TOE 17H.

b. Organic to infantry division, TOE 7H.

c. Organic to mechanized division, TOE 37H.

Capabilities. a. Provides vital area and area air defense against low-altitude hostile aircraft.

b. Defends against surface targets with the Vulcan weapon system.

c. Has forward area alert radar capability.

d. Provides medical support to include emergency medical treatment, operation of the battalion aid station, evacuation of casualties, provision of aidmen to firing batteries, and supervision of sanitation.

e. Performs organizational maintenance on organic equipment.

Mobility. Ninety-five percent mobile in organic vehicles.

Strength.

a. Level 1: Off 34 WO 7 EM 542 Aggr 583
b. Level 2: Off 34 WO 7 EM 504 Aggr 545
c. Level 3: Off 32 WO 6 EM 433 Aggr 471

Summary of equipment. See table 2–7.

TOE 44–326H HHB, ADA Bn, Chap/Vulcan, SP (11)

Mission. To provide command, control, and supervision of operations of the battalion.

Assignment. Organic to air defense artillery battalion, Chaparral/Vulcan, self-propelled, TOE 44–325H.

Capabilities. a. Commands, controls, and provides staff planning and supervision of operations.

b. Provides radio and wire communications with all elements of the battalion and with higher, adjacent, and supported units.

c. Provides forward area alert radar capability.

d. Performs supply, administration, and organizational maintenance on all battery equipment.

e. Provides liaison with the division TOC and ADA group or ADA battalion (Hawk).

f. Provides medical support, to include emergency medical treatment, operation of the battalion aid station, evacuation of casualties, provision of aidmen to firing batteries, and supervision of sanitation.

Mobility. Ninety-five percent mobile in organic vehicles.

Strength.

a. Level 1: Off 14 WO 3 EM 108 Aggr 125
b. Level 2: Off 14 WO 3 EM 100 Aggr 117
c. Level 3: Off 12 WO 2 EM 89 Aggr 103

Summary of equipment. See table 2–7.

TOE 44–327H ADA Btry, Vulcan, SP, ADA Bn, Chap/Vulcan, SP (11)

Mission. a. To provide air defense of critical areas for forward combat elements or installations against low-altitude hostile aircraft.

b. To destroy hostile targets on land or water, as required.

c. To provide Vulcan fire units to air defense artillery battalion, Chaparral/Vulcan, self-propelled.

Assignment. Organic to air defense artillery battalion, Chaparral/Vulcan, self-propelled, TOE 44–325H.

Capabilities. a. Delivers a high rate of fire

from hasty positions and on the move against low-altitude hostile aircraft and surface targets.

b. Stores and transports its basic load of ammunition.

c. Performs organizational maintenance on organic equipment.

d. Delivers a high rate of fire against hostile land targets during periods of darkness.

Mobility. Ninety-five percent mobile in organic vehicles.

Strength.

a.	Level 1:	Off 5	WO 1	EM 102	Aggr 108
b.	Level 2:	Off 5	WO 1	EM 95	Aggr 101
c.	Level 3:	Off 5	WO 1	EM 78	Aggr 84

Summary of equipment. See table 2–7.

TOE 44–328H ADA Btry, Chap, SP, ADA Bn, Chap/Vulcan, SP (10)

Mission. a. To provide air defense for forward combat elements, areas, or installations against low-altitude hostile aircraft.

b. To provide Chaparral fire units to air defense artillery battalion, Chaparral/Vulcan, self-propelled.

Assignment. Organic to air defense artillery battalion, Chaparral/Vulcan, self-propelled, TOE 44–325H.

Capabilities. a. Delivers fire from hasty positions against low-altitude hostile aircraft.

b. Inspects, assembles, tests, and maintains missiles.

c. Stores and transports its basic load of missiles.

d. Performs organizational maintenance on organic equipment.

Mobility. Ninety-five percent mobile in organic vehicles.

Strength.

a.	Level 1:	Off 5	WO 1	EM 115	Aggr 121
b.	Level 2:	Off 5	WO 1	EM 107	Aggr 113
c.	Level 3:	Off 5	WO 1	EM 94	Aggr 100

Summary of equipment. See table 2–7.

TOE 7–75H Cbt Avn Bn, Inf Div (No change)

Mission. To provide aviation support for division HQ, DISCOM, and other divisional units without organic aircraft. In addition, to provide—

a. General support and reinforcement to units possessing organic aircraft.

b. An aviation special staff section for division HQ (to include the TOC).

Assignment. Organic to infantry division, TOE 7H.

Capabilities. a. Commands, controls, performs staff planning, and furnishes communications and supervision of operations for companies of the battalion and attached units.

b. Provides aviation special staff personnel for division HQ.

c. Participates in airmobile combat operations. One dismounted infantry company can be airlifted in one airlift, using organic aircraft.

d. Operates one instrumented airfield with terminal flight facilities, including ground controlled approach.

e. Provides aircraft to support division HQ, DISCOM, and other units without organic aircraft.

f. Provides aircraft for general support and reinforcement to units with organic aircraft.

g. Augments aeromedical evacuation.

h. Provides en route air traffic control of aircraft operating under instrument flight rules within the division area.

i. Performs organizational maintenance on organic equipment.

Mobility. One hundred percent mobile, utilizing air and ground vehicles.

Strength.

a. Level 1: Off 37 WO 57 EM 230 Aggr 324
b. Level 2: Off 36 WO 49 EM 208 Aggr 293
c. Level 3: Off 34 WO 40 EM 190 Aggr 264

Summary of equipment. See table 2–8.

TOE 7–76H HHC, Cbt Avn Bn, Inf Div (6)

Mission. To provide command, control, administration, battalion-level organizational maintenance, communications, and supply for the aviation battalion. In addition, to provide aviation special staff personnel for division HQ.

Assignment. Organic to combat aviation battalion, infantry division, TOE 7–75H.

Capabilities. a. Commands, controls, performs staff planning, and furnishes communications and supervision of operations for companies of the battalion and attached units.

b. Provides aviation special staff personnel for division HQ (to include the TOC).

c. Provides personnel to supervise battalion supply, organizational maintenance, and administration for organic and attached units.

d. Operates one instrumented airfield with terminal flight facilities, including ground controlled approach.

e. Provides unit-level medical support to the division base airfield and elements of the aviation battalion.

f. Provides en route air traffic control of aircraft operating under instrument flight rules within the division area.

g. Performs organizational maintenance on organic equipment.

Mobility. One hundred percent mobile in organic surface vehicles.

Strength.

a. Level 1: Off 14 WO 1 EM 74 Aggr 89
b. Level 2: Off 13 WO 1 EM 67 Aggr 81
c. Level 3: Off 11 WO 0 EM 62 Aggr 73

Summary of equipment. See table 2–8.

TOE 7–77H Aslt Hel Co, Cbt Avn Bn, Inf Div (7)

Mission. To provide tactical air movement of combat troops, supplies, and equipment within the combat zone.

Assignment. Organic to combat aviation battalion, infantry division, TOE 7–75H.

Capabilities. a. Provides near continuous (day and night) operations during visual weather conditions and limited operations under instrument weather conditions in support of the force in the combat zone.

b. Provides, in a single lift, airlift for the assault elements of one infantry or dismounted infantry (mechanized) company.

c. Provides air movement of troops, supplies, and equipment within the combat zone.

d. Augments aeromedical evacuation.

e. Performs organizational maintenance on organic equipment.

Mobility. One hundred percent mobile, utilizing air and ground vehicles.

Strength.

a. Level 1: Off 13 WO 40 EM 90 Aggr 143
b. Level 2: Off 13 WO 36 EM 82 Aggr 131
c. Level 3: Off 13 WO 30 EM 73 Aggr 116

Summary of equipment. See table 2–8.

TOE 7–78H Avn GS Co, Cbt Avn Bn, Inf Div (7)

Mission. To provide aviation support for division HQ, DISCOM, and other units without organic aircraft. In addition, to provide limited general support and reinforcement to units with organic aircraft.

Assignment. Organic to combat aviation battalion, infantry division, TOE 7–75H.

Capabilities. a. Provides almost continuous operations during visual weather conditions, and limited operations under instrument weather conditions.

b. Provides air observation, reconnaissance, and surveillance of enemy areas for locating, verifying, and evaluating targets; conducts terrain study; and plots fire adjustment.

c. Provides battlefield illumination.

d. Conducts aerial radiological survey.

e. Provides command, control, liaison, or reconnaissance.

f. Augments aeromedical evacuation.

g. Provides dining facilities for HHC.

h. Performs organizational maintenance on organic equipment.

Mobility. One hundred percent mobile, utilizing air and ground vehicles.

Strength.

a. Level 1: Off 8 WO 16 EM 66 Aggr 90
b. Level 2: Off 8 WO 12 EM 59 Aggr 79
c. Level 3: Off 8 WO 10 EM 55 Aggr 73

Summary of equipment. See table 2–8.

TOE 17–87H Avn Co (Armd Div) (11)

TOE 37–87H Avn Co (Mech Div) (11)

Mission. To provide aviation support for division HQ.

Assignment. a. Organic to armored division, TOE 17H.

b. Organic to mechanized division, TOE 37H.

Capabilities. a. Provides aircraft for command, control, and liaison, as required by the division commander and staff.

b. Provides an instrumented airfield with terminal facilities, to include 24-hour ground controlled approach guidance.

c. Provides en route air traffic control and access into the Army air traffic control system.

d. Provides emergency air and weather warnings to aircraft.

e. Provides minimum refueling support for transient aircraft.

f. Provides emergency maintenance for transient aircraft.

g. Performs organizational maintenance on organic equipment.

Mobility. One hundred percent mobile in organic vehicles and aircraft.

Strength.

17–87H

a. Level 1: Off 8 WO 13 EM 75 Aggr 96
b. Level 2: Off 8 WO 12 EM 69 Aggr 89
c. Level 3: Off 8 WO 10 EM 60 Aggr 78

37–87H

a. Level 1: Off 8 WO 13 EM 76 Aggr 97
b. Level 2: Off 8 WO 12 EM 69 Aggr 89
c. Level 3: Off 8 WO 10 EM 62 Aggr 80

Summary of equipment. See tables 2–1 and 2–3.

TOE 5–145H Engr Bn, Armd and Mech Div (No Change)

TOE 5–155H Engr Bn, Inf Div (1)

Mission. To increase the combat effectiveness of the armored, infantry, or mechanized division by means of engineer combat support and to carry out an infantry combat mission, when required.

Assignment. a. Organic to armored division, TOE 17H.

b. Organic to infantry division, TOE 7H.

c. Organic to mechanized division, TOE 37H.

Capabilities. a. Provides engineer staff planning and supervision for organic and attached engineer troops.

b. Constructs, repairs, and maintains roads, bridges, fords, and culverts.

c. Supports hasty stream-crossing operations with boats, rafts, and bridges; coordinates organic and attached engineer troops in support of deliberate stream crossings.

d. Provides fixed bridging for passage of short gaps.

e. Assists in the emplacement of obstacles, including mines and boobytraps.

f. Plans for, prepares, and executes firing of ADM. When required, this capability is increased by the attachment of TOE 5—570 cellular-type ADM teams.

g. Provides technical assistance to other troops in preparation of fortifications and camouflage.

h. Provides engineer reconnaissance and produces engineer intelligence.

i. Provides construction work, including construction of landing strips.

j. Constructs and places deceptive devices and provides technical assistance in camouflage operations.

k. Provides personnel and equipment for water purification and the supply of potable water.

l. Provides technical advice to supported units on engineering matters, including recommendations for employment of engineer troops.

m. Assists in the assault of fortified positions.

n. Provides locally available materials for construction, fortifications, and camouflage.

o. Provides a unit to undertake and carry out an infantry combat mission, when required.

p. Performs organizational maintenance on equipment organic to the battalion.

Mobility. One hundred percent mobile in organic vehicles.

Strength.

5—145H

a.	Level 1:	Off 43	WO 3	EM 932	Aggr 978
b.	Level 2:	Off 37	WO 2	EM 822	Aggr 861
c.	Level 3:	Off 32	WO 2	EM 723	Aggr 757

5—155H

a.	Level 1:	Off 38	WO 3	EM 735	Aggr 776
b.	Level 2:	Off 33	WO 3	EM 681	Aggr 717
c.	Level 3:	Off 28	WO 3	EM 583	Aggr 614

Summary of equipment. See table 2—8.

TOE 5–146H HHC, Engr Bn, Armd and Mech Div (11)

TOE 5–156H HHC, Engr Bn, Inf Div (11)

Mission. a. HQ. To provide an engineer special staff section for the division and to provide command, control, and supervision of the engineer battalion, armored, infantry, and mechanized divisions, and attached units.

b. HQ company.

(1) Engineer battalion, armored or mechanized division. To provide an alternate CP, administration, operational control, communications, engineer reconnaissance and intelligence, supply, organizational maintenance support, supplemental engineer and ordnance construction equipment, and medical service for the battalion. Additionally, to provide for the production of potable water for the division and for the operational employment of ADM.

(2) Engineer battalion, infantry division. To provide administration, operational control, and logistic support to include medical service, for the battalion. Additionally, to provide for the production of potable water for the division and for the operational employment of ADM.

c. To carry out infantry combat missions, when required.

Assignment. a. Organic to engineer battalion,

armored or mechanized division, TOE 5—145H.

b. Organic to engineer battalion, infantry division, TOE 5—155H.

Capabilities. a. Provides staff planning and supervision of division engineer operations, including attached engineer units.

b. Provides water production and purification and operates five water points.

c. Performs engineer reconnaissance and intelligence for the engineer battalion and for the division.

d. Provides unit-level medical support for the battalion, to include medical care and evacuation, establishes an aid station, and furnishes company aidmen.

e. Provides radio and wire communications for the battalion when performing a formal engineer mission and when reorganized for combat as infantry.

f. Provides construction equipment support for subordinate units.

g. Provides limited ADM support to the division. This capability may be increased, as required, by the attachment of TOE 5—570 cellular-type ADM teams.

h. Performs organizational maintenance on organic communication and engineer equipment and vehicles.

Mobility. One hundred percent mobile in organic vehicles.

Strength.

5—146H

a.	Level 1:	Off 18	WO 3	EM 177	Aggr 198
b.	Level 2:	Off 13	WO 2	EM 165	Aggr 180
c.	Level 3:	Off 13	WO 2	EM 141	Aggr 156

5—156H

a.	Level 1:	Off 18	WO 3	EM 164	Aggr 185
b.	Level 2:	Off 14	WO 3	EM 159	Aggr 176
c.	Level 3:	Off 13	WO 3	EM 139	Aggr 155

Summary of equipment. See table 2—8.

TOE 5—147H Cbt Engr Co, Engr Bn, Armd and Mech Div (10)

TOE 5—157H Cbt Engr Co, Engr Bn, Inf Div (10)

Mission. To increase the combat effectiveness of the engineer battalion, armored, infantry, or mechanized division, by providing engineer combat support and to carry out infantry combat missions, when required.

Assignment. a. Organic to engineer battalion, armored or mechanized division, TOE 5—145H.

b. Organic to engineer battalion, infantry division, TOE 5—155H.

Capabilities. a. Performs combat engineer tasks and, when reinforced with additional heavy equipment, can execute more complex engineer works.

b. Provides engineer support for combined arms teams of the armored, infantry, and mechanized divisions.

c. Performs infantry combat missions, when required.

d. Performs organizational maintenance on its organic equipment and vehicles.

Mobility. One hundred percent mobile in organic vehicles.

Strength.

5—147H

a.	Level 1:	Off 5	WO 0	EM 148	Aggr 153
b.	Level 2:	Off 5	WO 0	EM 127	Aggr 132
c.	Level 3:	Off 4	WO 0	EM 112	Aggr 116

5—157H

a.	Level 1:	Off 5	WO 0	EM 144	Aggr 149
b.	Level 2:	Off 5	WO 0	EM 131	Aggr 136
c.	Level 3:	Off 4	WO 0	EM 109	Aggr 113

Summary of equipment. See table 2—8.

TOE 5—148H. Brg Co, Engr Bn (10)

Mission. a. To provide technical personnel

and equipment to maintain, load, transport, erect and operate, and disassemble tactical assault stream-crossing equipment.

b. To accomplish nontactical independent bridging or ferry missions, as required.

Assignment. a. Organic to engineer battalion, armored or mechanized division, TOE 5—145H.

b. Organic to engineer battalion, infantry division, TOE 5—155H.

Capabilities. a. When equipped with mobile assault bridging equipment, can erect up to 143.8 meters of mobile assault amphibious bridge or four self-propelled class-60 ferries. Can construct floating bridges or ferries from amphibious bridge components in the following combinations:

(1) One 143.8-meter class-60 floating bridge, or

(2) Two 79.8-meter class-60 floating bridge, or

(3) Four 47.8-meter class-60 ferries.

b. When equipped with M4T6 or class-60 bridging equipment, can erect—

(1) The M4T6 bridge, which provides up to 170.6 meters of class-50 floating bridge or eight class-50 rafts. Bridge components may also be used to construct short, fixed spans.

(2) The class-60 bridge, which provides up to 164.5 meters of class-60 floating bridge, or four four-float (reinforced) rafts, or four five-float rafts, or combinations of bridges and rafts.

c. Provides armored vehicle launched bridging equipment capable of passing class-60 loads over wet or dry gaps up to 18.3 meters in width for four assault crossing sites.

d. Provides light stream-crossing equipage to support an infantry battalion in a river crossing when amphibious vehicles cannot be used, are not available, or river conditions preclude use of mobile amphibious bridge or ferry vehicles, as follows:

(1) Assault boats (18) and reconnaissance boats (12) to carry one infantry company by waterborne assault.

(2) Light tactical bridge equipage with the following options:

(a) Two class-12 ferries, or

(b) One class-12 bridge 31.4 meters long, or

(c) Eight pontoons powered by outboard motors to be used as storm boats for assault crossings of infantry companies.

e. Provides organizational maintenance for organic engineer equipment and wheeled and tracked vehicles.

Mobility. One hundred percent mobile in organic vehicles.

Strength.

a. Level 1:	Off 5	WO 0	EM 146	Aggr 151
b. Level 2:	Off 4	WO 0	EM 137	Aggr 141
c. Level 3:	Off 3	WO 0	EM 121	Aggr 124

Summary of equipment. See table 2—8.

NOTE: TOE 5—148 will be revised to add ribbon bridge variation. All reference to support infantry driver will be deleted. TOE 5—158 will be developed to provide all bridging to the infantry division.

TOE 11—35H Sig Bn, Armd, Inf and Mech Div (1)

Mission. a. To install, operate, and maintain a division communications system for support of division-level functions, including command, control, intelligence, firepower, and combat service support.

b. To provide internal signal communications facilities for the division main, alternate, rear and support command headquarters, and three forward area signal centers.

c. To provide special staff and technical assistance for planning and control of all division communications by the division commander and staff.

d. To provide direct support communication security logistics for the division.

e. To provide photographic service (excluding airphotography and development of motion-picture file) for the division.

f. To provide logistic and signal communications equipment support for division US Air Force Air Weather Service (AWS) teams.

Assignment. a. Organic to armored division, TOE 17H.

b. Organic to infantry division, TOE 7H.

c. Organic to mechanized division, TOE 37H.

Capabilities. a. Provides a multichannel communications system which links the division main and alternate headquarters, division artillery, support command, three brigades, air defense artillery battalion, division aviation elements, and three forward area signal centers.

b. Provides telecommunications centers (TCC) for the division main, alternate, rear, and support command headquarters, and support of other units located in the vicinity of these headquarters.

c. Provides three area signal centers in the forward areas of the division zone of operations.

d. Provides for limited installation, maintenance, and recovery of division field wire/cable circuits and installation of local telephone circuits.

e. Provides secure radio teletypewriter stations at the division main, alternate, and rear headquarters, support command, three brigades, and three forward area signal centers for operation in the division RATT nets.

f. Provides division motor messenger service to major subordinate commands.

g. Provides ground still and motion picture photography for the division, and operation of mobile photography laboratory.

h. Provides direct support communications security (COMSEC) logistics for the division.

i. Provides radio wire integration (RWI) stations at the division main and alternate headquarters, support command, and three forward area signal centers for FM radio access to the division multichannel communications system.

j. Provides manual central office telephone and teletypewriter facilities for switching trunk and local subscriber circuits at the division main, alternate, and rear headquarters, support command, and three forward area signal centers.

k. Provides secure FM voice radio terminals and AM/SSB (CW/voice) radio terminals at the division main, alternate, and rear headquarters for operation in the division radio nets.

l. Provides facsimile terminals at the division main and alternate headquarters.

m. Provides logistic support and equipment for the division US Air Force AWS elements.

n. This unit is dependent upon appropriate elements of the division for personnel services and finance services, for unit-level medical support, supplemental transportation, area chaplain support, and TOE 11–500 teams or higher echelon elements for processing of motion picture film.

o. This unit provides organizational maintenance for all organic equipment and direct support maintenance for organic communications-electronics equipment.

Mobility. Mobility of units organic to this battalion is included in appropriate component TOE extracts.

Strength.

a. Level 1:	Off 25	WO 4	EM 582	Aggr 611
b. Level 2:	Off 25	WO 4	EM 531	Aggr 560
c. Level 3:	Off 25	WO 4	EM 463	Aggr 492

Summary of equipment. See table 2–9.

TOE 11–36H HHC, Sig Bn (10)

Mission. a. To plan, direct, and coordinate operations and training of a division signal battalion and to provide command, control, and administrative and logistic support for the battalion.

b. To provide division HQ a C-E officer, a C-E staff, and staff facilities.

c. To provide direct support COMSEC logistics for the division.

d. To provide logistic and signal communication equipment support for division USAF AWS teams.

e. To provide photographic services (except air photography and processing of motion picture film) for the division.

Assignment. Organic to signal battalion, armored, infantry, or mechanized division, TOE 11–35H.

Capabilities. a. Provides control, staff planning, and supervision of operations and training of a division signal battalion.

b. Provides division C-E officer with communication staff planning facilities for division HQ.

c. Provides organizational maintenance for vehicles and power generators organic to the battalion, to include organizational maintenance for vehicles and power generators organic to HHC.

d. Provides unit administration, supply, and organizational maintenance for organic arms of HHC.

e. Provides direct support COMSEC logistics for the division.

f. Performs organizational and direct support maintenance for mission-essential communication equipment organic to the battalion.

g. Provides logistic signal communications support for AF AWS teams that provide air weather service to the division. (The air weather section, when provided with USAF personnel and equipment, will provide weather forecasts, briefings, and observations to the division commander and staff, and the division airfield.)

h. Provides a mobile photographic laboratory for the processing of ground and air still photographic coverage (except for processing of motion picture and color film) as required.

Mobility. One hundred percent mobile in organic vehicles.

Strength.

a.	Level 1:	Off 13	WO 3	EM 81	Aggr 97
b.	Level 2:	Off 13	WO 3	EM 74	Aggr 90
c.	Level 3:	Off 13	WO 3	EM 63	Aggr 79

Summdry of equipment. See table 2–9.

TOE 11–37H Comd Op Co, Sig Bn (11)

Mission. a. To provide internal communication facilities for the division command echelons.

b. To provide multichannel terminals at the command echelons of division HQ.

c. To provide signal center service for units located in the vicinity of the division command echelons.

Assignment. Organic to signal battalion, armored, infantry, or mechanized division, TOE 11–35H.

Capabilities. a. Provides communication center facilities and messenger service for the various division HQ command echelons.

b. Provides two manual telephone central office sets for switching trunk and local telephone subscribed circuits.

c. Provides facsimile service.

d. Provides a radio-wire-integration facility to establish signal communications between mobile FM radio station and telephone operation facilities.

e. Provides multichannel communication

system terminals at command echelons of the division and at division artillery HQ.

f. Provides three mobile secure RATT stations, single sideband continuous wave (CW) radio stations, and frequency modulated (FM) voice radio stations for operation in the division radio nets.

g. Provides wire installation teams to install local telephone circuits at the command echelons of the division.

h. Performs organizational maintenance on organic arms, vehicles, power generators, and multichannel and telephone communication equipment.

i. Provides a mess facility for 24-hour operation, to include mess support for the battalion HHC.

j. Depends on the signal support operations company, organic to the division signal battalion, for installation of cable circuits between multichannel communication system terminals and CP's.

Mobility. Eighty-five percent mobile in organic vehicles.

Strength.

a. Level 1: Off 4 WO 1 EM 193 Aggr 198
b. Level 2: Off 4 WO 1 EM 175 Aggr 180
c. Level 3: Off 4 WO 1 EM 154 Aggr 159

Summary of equipment. See table 2–9.

TOE 11–38H Fwd Comm Co, Sig Bn (11)

Mission. a. To provide area signal centers in the forward areas of the division zone of operation.

b. To provide multichannel communication terminals and radio teletypewriter stations at each brigade headquarters.

Assignment. Organic to signal battalion, armored, infantry, or mechanized division, TOE 11–35H.

Capabilities. a. Operates three area signal centers, which provide—

(1) Secure teletypewriter terminal facilities and limited motor messenger service to units in the area.

(2) A RATT station for operation in a division net.

(3) Division telephone switchboard service for supported units in the area.

(4) A radio-wire-integration facility to connect mobile FM radio stations in the area to the division net.

(5) Multichannel communications terminals at each brigade for operation in the division multichannel communications system.

(6) Multichannel communication facilities to terminate the division multichannel communication systems at the command echelons of three brigades.

(7) Secure RATT stations at each brigade headquarters for operation in the division RATT nets.

b. Performs organizational maintenance on organic arms, vehicles, and power generators. (Organizational maintenance of other categories of communication equipment will be performed by maintenance personnel assigned to the battalion maintenance section (TOE 11–36H).)

c. Provides mess facilities for 24-hour operation.

Mobility. Ninety-five percent mobile in organic vehicles.

Strength.

a. Level 1: Off 4 WO 0 EM 159 Aggr 163
b. Level 2: Off 4 WO 0 EM 148 Aggr 152
c. Level 3: Off 4 WO 0 EM 129 Aggr 133

Summary of equipment. See table 2–9.

TOE 11–39H Spt Op Co, Sig Bn (11)

Mission. a. To provide communication facilities for DISCOM HQ and the rear echelon of division HQ.

b. To provide signal center service to units located in the vicinity of DISCOM HQ and division rear echelon.

c. To provide field cable construction and multichannel communication terminals and repeater stations in support of other units of the division signal battalion.

Assignment. Organic to signal battalion, armored, infantry, or mechanized division, TOE 11–35H.

Capabilities. a. A DISCOM HQ signal center provides—

(1) A secure radio teletypewriter station for operation in division radio nets.

(2) Division telephone switchboard service for supported units in the area.

(3) A radio-wire-integration facility to provide telephone and teletypewriter circuits from DISCOM to division command echelons and forward areas.

b. A division rear echelon signal element provides—

(1) A radio teletypewriter station for operation in the division radio net.

(2) Division telephone switchboard service for supported units in the area.

(3) A RATT station in a division net.

c. Installs, maintains, and recovers field cable circuits from division command echelons to major subordinate units and from multichannel communication terminals to CP's, as directed.

d. Provides multichannel communications terminals at the air defense artillery, aviation, and engineer battalions, and repeaters to augment the division communications system, as directed.

e. Performs organizational maintenance on organic arms, vehicles, power generators, and telephone equipment. (Organizational maintenance of other categories of organic communication equipment will be performed by signal maintenance personnel assigned to HHC (TOE 11–36H).)

f. Provides mess facilities for 24-hour operation.

Mobility. Ninety-eight percent mobile in organic vehicles.

Strength.

a. Level 1:	Off 4	WO 0	EM 149	Aggr 153
b. Level 2:	Off 4	WO 0	EM 134	Aggr 138
c. Level 3:	Off 4	WO 0	EM 117	Aggr 121

Summary of equipment. See table 2–9.

TOE 19–27H MP Co, Armd, Inf, and Mech Divs (8)

Mission. To provide military police combat support to armored, infantry, and mechanized division.

Assignment. a. Organic to armored division, TOE 17H.

b. Organic to infantry division, TOE 7H.

c. Organic to mechanized division, TOE 37H.

Capabilities. a. Provides a provost marshal section to division HQ.

b. Provides circulation control of vehicular traffic (including convoys), refugees, and individuals as well as populace and resources control and control of lines of communication.

c. Establishes motor patrols, circulation and control posts, tactical control points, or combinations thereof, in support of division operations.

d. Provides route reconnaissance, convoy escort, and security of high priority shipment and movements.

e. Provides security to division main and forward command posts as well as personal security for designated personnel.

f. Conducts military police investigations and institutes crime prevention measures within the division.

g. Operates a central prisoner of war and civilian internee collecting point and forward collecting points for up to two of the committed brigades.

h. Provides security of prisoners of war and civilian internees during evacuation from forward collecting points to the central division collecting point.

i. Provides temporary detention for US military prisoners pending further transfer to corps or to COMMZ.

j. Participates in combined and joint police operations.

k. Provides support in the maintenance of law, order, and discipline in the combat zone through the enforcement of command directives and policies.

Mobility. Sixty-eight percent mobile in organic vehicles.

Strength.

a. Level 1: Off 9 WO 0 EM 182 Aggr 191
b. Level 2: Off 8 WO 0 EM 164 Aggr 172
c. Level 3: Off 8 WO 0 EM 145 Aggr 153

Summary of equipment. See table 2–1.

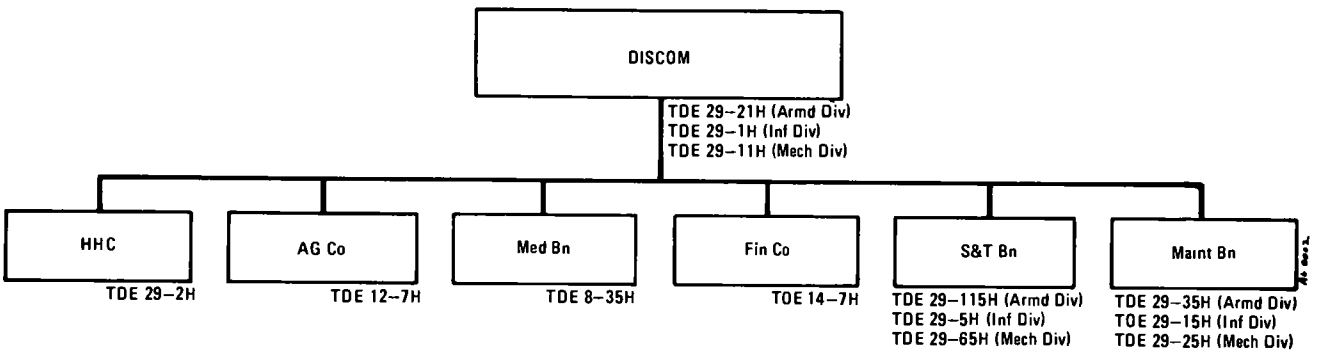

Figure 2–3. Support command, armored, infantry, and mechanized divisions.

TOE 29–21H Armd Div DISCOM (No change)

TOE 29–1H Inf Div DISCOM (No change)

TOE 29–11H Mech Div DISCOM (No change)

Mission. To provide division-level combat service support (except COMSEC equipment, construction, and water supply) to all organic and attached elements of the division.

Assignment. a. Organic to armored division, TOE 17H.

b. Organic to infantry division, TOE 7H.

c. Organic to mechanized division, TOE 37H.

Capabilities. a. Provides division-level logistic support of classes I, II, III, IV, VI, VII, VIII, and IX supplies, excluding water supply and COMSEC material.

b. Provides direct support maintenance (except medical and COMSEC equipment) for all materiel organic to the division.

c. Furnishes music for division functions.

d. Provides division-level medical support to the division and attached troops to include:

(1) Establishment and operation of clearing stations.

(2) Ambulance evacuation.

(3) Emergency dental treatment.

(4) Optometric services.

(5) Mental health out-patient consultant services.

(6) Preventive medicine environmental health services.

(7) Physician coverage at aid stations, as required.

(8) Medical supply.

(9) Organizational maintenance for medical equipment.

e. Provides adjutant general and finance services.

f. Provides ADP support for division logistics and personnel activities.

g. Controls issue of class V supplies.

h. Furnishes combat service support information and advice to the division commander and his staff, except for construction, COMSEC materiel, and water supply.

i. Possesses a limited capability to carry reserve supplies.

j. Provides map supply service.

k. Plans and conducts rear area protection activities within its assigned areas of responsibility.

Mobility. Mobility of units organic to the DISCOM is included in appropriate component TOE extracts.

Strength.

29—21H

a. Level 1:	Off 163	WO 46	EM 2,292	Aggr 2,501
b. Level 2:	Off 157	WO 44	EM 2,165	Aggr 2,366
c. Level 3:	Off 147	WO 43	EM 1,994	Aggr 2,184

29—1H

a. Level 1:	Off 163	WO 47	EM 2,085	Aggr 2,295
b. Level 2:	Off 157	WO 45	EM 2,161	Aggr 2,161
c. Level 3:	Off 147	WO 44	EM 1,794	Aggr 1,985

29—11H

a. Level 1:	Off 163	WO 46	EM 2,241	Aggr 2,450
b. Level 2:	Off 157	WO 44	EM 2,120	Aggr 2,321
c. Level 3:	Off 147	WO 43	EM 1,956	Aggr 2,146

Summary of equipment. See table 2—10.

TOE 29–2H HHC DISCOM, Armd, Inf and Mech Div (11)

Mission. a. To command and control DISCOM organic and attached units.

b. To furnish automatic data processing support to assist in accomplishing the logistic and personnel administrative functions of the DISCOM.

Assignment. a. Organic to support command, armored division, TOE 29—21H.

b. Organic to support command, infantry division, TOE 29—1H.

c. Organic to support command, mechanized division, TOE 29—11H.

Capabilities. a. Commands and controls DISCOM organic and attached units.

b. Plans, directs, and supervises combat service support (except communication security, construction, and water supply) for the division and other designated forces.

c. Provides combat service support information and advice to the division commander and his staff, except for COMSEC, construction, and water supply.

d. Exercises administrative control over ammunition supply for the division and attached units.

e. Plans, coordinates, and supervises rear area protection activities in its assigned area of responsibility.

f. Provides operational automatic data processing support for logistic and personnel administrative functions of supported units.

g. Performs organizational maintenance on organic equipment (except radios) and on wheeled vehicles of the finance company.

h. Depends on the AG company for personnel services and on the finance company for finance services.

Mobility. Fifty percent mobile in organic vehicles.

Strength.

a. Level 1: Off 17 WO 3 EM 79 Aggr 99
b. Level 2: Off 16 WO 2 EM 74 Aggr 92
c. Level 3: Off 14 WO 2 EM 70 Aggr 86

Summary of equipment. See table 2–10.

TOE 12–7H AG Company (11)

Mission. a. To provide centralized personnel and administrative support services, less finance service, to all personnel and units assigned or attached to the division.

b. To promote and maintain the morale and esprit de corps of troops by providing suitable music for military formations, light concerts, and recreational activities.

c. To provide an element of division HQ rear echelon.

Assignment. a. Organic to support command, armored division, TOE 29–21H.

b. Organic to support command, infantry division, TOE 29–1H.

c. Organic to support command, mechanized division, TOE 29–11H.

Capabilities. a. Provides centralized personnel and administrative support for all personnel and units assigned or attached to a division of approximately 16,800 troops.

b. Provides logistic support of and plans for tactical security of the elements assigned to the company.

c. Provides company-level personnel and administrative support for personnel assigned to the company.

d. Provides mess facilities for personnel assigned or attached to the company.

e. Provides the following types of music:

(1) Military.

(2) Dance (one dance band and one combo).

(3) Miscellaneous (radio/TV small music combinations and stage shows).

f. Performs organizational maintenance on organic equipment.

Mobility. Twenty percent mobile in organic vehicles.

Strength.

a. Level 1: Off 13 WO 5 EM 258 Aggr 276
b. Level 2: Off 13 WO 5 EM 234 Aggr 252
c. Level 3: Off 10 WO 5 EM 210 Aggr 225

Summary of equipment. See table 2–10.

TOE 14–7H Fin Company (10)

Mission. To provide finance direct support services to all units assigned or attached to the division.

Assignment. a. Organic to support command, armored division, TOE 29–21H.

b. Organic to support command, infantry division, TOE 29–1H.

c. Organic to support command, mechanized division, TOE 29–11.

Capabilities. a. Provides finance direct support services to divisional elements and assigned personnel to include military pay, quality assurance, and financial disbursing.

b. Forms forward support teams to provide financial services to divisional elements located in forward areas, as required.

c. Supports approximately 16,600 troops.

Mobility. Five-percent mobile in organic vehicles.

Strength.

a. Level 1: Off 8 WO 0 EM 100 Aggr 108
b. Level 2: Off 7 WO 0 EM 95 Aggr 102
c. Level 3: Off 6 WO 0 EM 91 Aggr 97

Summary of equipment. See table 2–10.

TOE 8–35H Med Bn (No change)

Mission. To provide division-level medical support and unit-level medical support, as required, for all assigned and attached elements of the division.

Assignment. a. Organic to support command, armored division, TOE 29–21H.

b. Organic to support command, infantry division, TOE 29–1H.

c. Organic to support command, mechanized division, TOE 29–11H.

Capabilities. a. Operates division clearing stations with a limited short-term holding capacity.

b. Provides patient evacuation.

c. Provides emergency dental treatment.

d. Provides mental health consultation and initial psychiatric management.

e. Provides optometric service.

f. Provides unit-level medical support, as required, on an area basis.

g. Provides medical supply service and organizational maintenance of medical equipment.

Mobility. One hundred percent mobile in organic vehicles.

Strength.

a. Level 1: Off 58 WO 1 EM 331 Aggr 390
b. Level 2: Off 54 WO 1 EM 298 Aggr 353
c. Level 3: Off 50 WO 1 EM 251 Aggr 302

Summary of equipment. See table 2–11.

TOE 8–36H HQ & Spt Co, Med Bn (10)

Mission. a. To provide command, control, administration, and logistic support for the medical battalion and to plan for its employment.

b. To provide division-level and unit-level medical support, as required, on an area basis to divisional units operating in the division rear area.

c. To advise the division commander and staff concerning the health of the command and to provide supervision of all medical activities in the division.

Assignment. Organic to medical battalion, armored, infantry, or mechanized division, TOE 8–35H.

Capabilities. a. Provides command, control, administration, and supervision of and planning for division-level and unit-level medical support rendered by elements of the medical battalion and attached units.

b. Provides division-level medical supply support and performs organizational medical equipment maintenance for units organic or attached to the division.

c. Provides advice to the division commander and staff concerning the health of the command and the command aspects of medical matters affecting combat effectiveness and combat operations.

d. Provides staff supervision, to include technical control, of all medical support activities in the division.

e. Conducts programs of prevention in the areas of medicine, mental health, and dentistry.

f. Provides optometric service and presurfaced single-vision prescription fabrication and repair services for units organic or attached to the division.

g. Provides intradivisional transport of medical supplies and equipment.

h. Receives, sorts, and temporarily provides

medical and surgical treatment for 40 patients.

i. Provides emergency dental treatment.

j. Provides mental health consultation and initial psychiatric management.

k. Evacuates patients from supported unit aid stations.

l. Furnishes unit-level medical support on an area basis to divisional units having no organic medical element.

m. Serves as a unit replacement, when necessary, for one of the medical companies supporting a brigade.

n. Individuals of this unit are provided weapons for personal defense and for protection of the wounded and sick in their charge.

o. Performs organizational maintenance on organic equipment.

p. Operates on a two-shift basis.

Mobility. One hundred percent mobile in organic vehicles.

Strength.

a. Level 1: Off 28 WO 1 EM 115 Aggr 144
b. Level 2: Off 27 WO 1 EM 106 Aggr 134
c. Level 3: Off 26 WO 1 EM 89 Aggr 116

Summary of equipment. See table 2–11.

TOE 8–37H Med Co, Med Bn (9)

Mission. To provide division-level and unit-level medical support, as required, on an area basis to divisional units operating in the brigade area.

Assignment. Organic to medical battalion, armored, infantry, or mechanized division, TOE 8–35H.

Capabilities. a. Provides emergency dental treatment.

b. Receives, sorts, and temporarily provides medical and surgical treatment for 40 patients.

c. Provides mental health consultation and initial psychiatric management.

d. Evacuates patients from supported unit aid stations.

e. Furnishes unit-level medical support on an area basis to divisional units having no organic medical element.

f. Provides intradivisional transport of medical supplies and equipment.

g. Clearing station and evacuation elements must be augmented when the company is required to support more than five combat battalions.

h. Individuals of this unit are provided weapons for personal defense and for protection of the wounded and sick in their charge.

i. Performs organizational maintenance on organic equipment, less medical.

j. Operates on a two-shift basis.

Mobility. Ninety-five percent mobile in organic vehicles.

Strength.

a. Level 1: Off 10 WO 0 EM 72 Aggr 82
b. Level 2: Off 9 WO 0 EM 64 Aggr 73
c. Level 3: Off 8 WO 0 EM 54 Aggr 62

Summary of equipment. See table 2–11.

TOE 29–115H S&T Bn, DISCOM, Armd Div (No change)

TOE 29–5H S&T Bn, DISCOM, Inf Div (No change)

TOE 29–65H S&T Bn, DISCOM, Mech Div (No change)

Mission. a. To support the division and attached units by providing all classes of supply, except classes V, VIII, IX, and X and those associated with communication security equipment, marine- and rail-peculiar equipment, and items peculiar to airdrop.

b. To provide graves registration service, clothing exchange, and bath service, when augmented; classification and disposal of unserviceable equipment; and map supply service.

c. To provide and operate ground transportation to provide for unit distribution of the supplies for which the unit is responsible and to supplement means available to other elements of the division.

d. To maintain and transport the division reserve of supplies.

Assignment. a. Organic to support command, armored division, TOE 29—21H.

b. Organic to support command, infantry division, TOE 29—1H.

c. Organic to support command, mechanized division, TOE 29—11H.

Capabilities. a. Provides all classes of supplies to the division and attached units, except class V, VIII, IX, and X and those associated with COMSEC equipment, marine- and rail-peculiar equipment, and items peculiar to airdrop.

b. Provides ground transportation for unit distribution of the classes of supply for which the unit is responsible and to supplement transportation available to organic elements of the division.

c. Provides transportation for moving the division reserve supplies for which the unit is responsible.

d. Provides bath and clothing exchange and graves registration services, when augmented.

e. Provides map supply service to the division and attached units.

f. Supervises operation of unit exchanges.

g. Provides limited purchasing and contracting services.

h. Advises the units of the division on food service matters.

i. Provides salvage service for abandoned materiel and supplies of all types, except for toxic gases, ammunition, explosives, motor vehicles, aircraft, and certain signal equipment.

Mobility. Mobility of units organic to this battalion is included in appropriate component TOE extracts.

Strength.

29—115H

a. Level 1:	Off 19	WO 2	EM 355	Aggr 376
b. Level 2:	Off 19	WO 2	EM 329	Aggr 350
c. Level 3:	Off 19	WO 2	EM 299	Aggr 320

29—5H

a. Level 1:	Off 19	WO 2	EM 317	Aggr 338
b. Level 2:	Off 19	WO 2	EM 290	Aggr 311
c. Level 3:	Off 19	WO 2	EM 251	Aggr 272

29—65H

a. Level 1:	Off 19	WO 2	EM 345	Aggr 366
b. Level 2:	Off 19	WO 2	EM 318	Aggr 339
c. Level 3:	Off 19	WO 2	EM 290	Aggr 311

Summary of equipment. See table 2—11.

TOE 29–6H HHC, S&T Bn (11)

Mission. To provide command, administration, and technical supervision for the supply and transport battalion.

Assignment. a. Organic to supply and transport battalion, armored division, TOE 29—115H.

b. Organic to supply and transport battalion, infantry division, TOE 29—5H.

c. Organic to supply and transport battalion, mechanized division, TOE 29—65H.

Capabilities. a. Provides the command element for the supply and transport battalion.

b. Provides messing support for the supply and transport battalion in two locations.

c. Provides the DISCOM commander and his staff advice on supply and service matters.

d. Determines requirements for; procures;

and directs the receipt, temporary storage, and distribution of supplies and equipment received by the division, less classes V, VIII, IX, and X, COMSEC equipment, airdrop supplies, automatic data processing equipment, and classified maps.

e. Exercises technical supervision over supply and service training throughout the division.

f. Plans and supervises the following service functions:

(1) Bath service and clothing exchange (when authorized).

(2) Graves registration service (when authorized).

(3) Operation of unit exchanges.

(4) Purchasing and contracting.

(5) Food service.

(6) Map supply service.

(7) Salvage service for abandoned materiel and supplies, except for toxic gases, ammunition, explosives, aircraft, and certain signal equipment.

g. Maintains, with automatic data processing support provided by the division data center, the division property book and Army equipment status reporting data.

Mobility. Sixty percent mobile in organic vehicles.

Strength.

a. Level 1: Off 9 WO 0 EM 36 Aggr 45
b. Level 2: Off 9 WO 0 EM 35 Aggr 44
c. Level 3: Off 9 WO 0 EM 32 Aggr 41

Summary of equipment. See table 2—11.

TOE 55–87H TMT Co, S&T Bn, Armd Div (9)

TOE 55–88H TMT Co S&T Bn, Inf Div (11)

TOE 55–84H TMT Co S&T Bn, Mech Div (10)

Mission. a. To provide transportation for unit distribution of all classes of supply, except class V.

b. To transport the division reserve supplies for which the unit is responsible.

c. To furnish vehicles required for displacing division HQ and divisional administrative elements and to supplement means available to other elements of the division.

Assignment. a. Organic to supply and transport battalion, armored division, TOE 29—115H.

b. Organic to supply and transport battalion, infantry division, TOE 29—5H.

c. Organic to supply and transport battalion, mechanized division, TOE 29—65H.

Capabilities. a. Based on 75 percent vehicle availability, has capability of transporting the following:

(1) Armored division:

	Single lift	*Shuttle*
Cargo, short tons	270	360
POL, gallons	119,550	119,550

(2) Infantry division:

	Single lift	*Shuttle*
Cargo, short tons	270	360
POL, gallons	74,250	74,250

(3) Mechanized division:

	Single lift	*Shuttle*
Cargo, short tons	270	360
POL, gallons	104,550	104,550

b. Can provide transportation for two 10-hour shifts on a 24-hour basis, when augmented.

c. Performs organizational maintenance on organic equipment.

Mobility. One hundred percent mobile in organic vehicles and 100 percent air transportable.

Strength.

55–87H

a. Level 1: Off 5 WO 1 EM 196 Aggr 202
b. Level 2: Off 5 WO 1 EM 180 Aggr 186
c. Level 3: Off 5 WO 1 EM 166 Aggr 172

55–88H

a. Level 1: Off 5 WO 1 EM 158 Aggr 164
b. Level 2: Off 5 WO 1 EM 141 Aggr 147
c. Level 3: Off 5 WO 1 EM 118 Aggr 124

55–84H

a. Level 1: Off 5 WO 1 EM 186 Aggr 192
b. Level 2: Off 5 WO 1 EM 169 Aggr 175
c. Level 3: Off 5 WO 1 EM 157 Aggr 163

Summary of equipment. See table 2–11.

TOE 10–7H S&S Co, S&T Bn (11)

Mission. a. To support the division and attached units by providing class I, II, IV, VI, and VII supplies, except aircraft and COMSEC equipment.

b. To classify and dispose of unserviceable equipment, provide unclassified map supply, and operate a central issue facility.

c. To provide and maintain the division reserve supplies for which the unit is responsible.

d. To provide clothing exchange, bath, and graves registration services when authorized augmentation.

Assignment. Organic to:

a. Supply and transport battalion, infantry division, TOE 29–5.

b. Supply and transport battalion, mechanized division, TOE 29–65.

c. Supply and transport battalion, armored division, TOE 29–115.

Capabilities. At level 1, this unit—

a. Operates the division distribution points.

b. Receives from supporting services, provides temporary storage, and issues class I, II, IV, VI, and VII supplies, except aircraft and COMSEC equipment. Organic battalion transportation is employed to provide unit distribution of these supplies.

c. Provides temporary storage for class III supplies and, under direction of the division supply office, controls and supervises the operation of division class III transfer and distribution points; the unit distribution of class III supplies; and limited operation of mobile filling stations.

d. Provides salvage service for abandoned medical materiel, aircraft, COMSEC equipment, materiel and supplies of all types except toxic agents, ammunition, and explosives.

e. Provides a central issue facility for the stockage, issue, exchange, inspection, and turn-in of organizational clothing and equipment.

Mobility. One hundred percent mobile in organic vehicles.

Strength.

a. Level 1: Off 5 WO 1 EM 123 Aggr 129
b. Level 2: Off 5 WO 1 EM 114 Aggr 120
c. Level 3: Off 5 WO 1 EM 101 Aggr 107

Summary of equipment. See table 2–11.

TOE 29–35H Maint Bn, DISCOM, Armd Div (No change)

TOE 29–15H Maint Bn, DISCOM, Inf Div (2)

TOE 29–25H Maint Bn, DISCOM, Mech Div (No change)

Mission. To provide direct support maintenance for all divisional equipment, except for medical, COMSEC, airdrop items, missile-peculiar items, and light textiles.

Assignment. a. Organic to support command, armored division, TOE 29–21H.

b. Organic to support command, infantry division, TOE 29–1H.

c. Organic to support command, mechanized division, TOE 29–11H.

Capabilities a. Performs direct support maintenance on all authorized divisional equipment,

except for medical, COMSEC, airdrop items, missile-peculiar items, and light textiles, for an armored, infantry, or mechanized division.

b. Provides technical supervision over the conduct of maintenance functions throughout the division.

c. Provides repair parts support for divisional equipment (less medical and COMSEC).

d. Maintains an operational readiness float of selected items.

e. Provides limited vehicular recovery assistance to supported units.

f. Can perform organizational maintenance on organic equipment.

g. Provides direct exchange service for selected items.

Mobility. One hundred percent mobile in organic vehicles.

Strength.

29—35H

a. Level 1:	Off 33	WO 23	EM 1,060	Aggr 1,116
b. Level 2:	Off 33	WO 23	EM 1,036	Aggr 1,092
c. Level 3:	Off 33	WO 23	EM 987	Aggr 1,043

29—15H

a. Level 1:	Off 33	WO 24	EM 891	Aggr 948
b. Level 2:	Off 33	WO 24	EM 896	Aggr 926
c. Level 3:	Off 33	WO 24	EM 835	Aggr 892

29—25H

a. Level 1:	Off 33	WO 23	EM 1,019	Aggr 1,075
b. Level 2:	Off 33	WO 23	EM 1,002	Aggr 1,058
c. Level 3:	Off 33	WO 23	EM 958	Aggr 1,014

Summary of equipment. See table 2—12.

TOE 29–36H HQ & Lt Maint Co, Maint Bn, Armd Div (10)

TOE 29–16H HQ & Lt Maint Co, Maint Bn, Inf Div (11)

TOE 29–26H HQ & Lt Maint Co, Maint Bn, Mech Div (10)

Mission a. To provide command, administration, and technical supervision of the maintenance battalion.

b. To provide direct support electronics equipment maintenance on communication and repair parts supply service to those elements of the division not located in the forward portion of the division area, a base of supply for the maintenance battalion, and supplementary support for the three forward support companies (less medical and COMSEC).

Assignment. a. Organic to maintenance battalion, armored division, TOE 29—35H.

b. Organic to maintenance battalion, infantry division, TOE 29—15H.

c. Organic to maintenance battalion, mechanized division, TOE 29—25H.

Capabilities. a. Maintains an operational readiness float of selected items.

b. Plans and directs all direct support maintenance for all equipment of the division, except for COMSEC, airdrop items, missile-peculiar items and light textiles.

c. Provides direct support electronic equipment maintenance, except for missile systems, for those elements of the division not located in the forward portion of the division area. When required, provides supplementary maintenance support to the forward support companies.

d. Receives, stores, and issues repair parts for all equipment of the division, except medical, COMSEC, missile, aircraft, avionics, and aircraft armament.

e. Provides technical supervision over the conduct of maintenance functions throughout the division.

f. Operates a direct exchange service for selected items.

g. Provides, through the technical supply office with automatic data processing equipment, centralized management for all repair parts within the division, except medical and COMSEC.

h. Performs organizational maintenance on organic equipment.

Mobility. Eighty-five percent mobile in organic vehicles.

Strength.

29—36H

a. Level 1:	Off 13	WO 1	EM 93	Aggr 107
b. Level 2:	Off 13	WO 1	EM 90	Aggr 104
c. Level 3:	Off 13	WO 1	EM 83	Aggr 97

29—16H

a. Level 1:	Off 13	WO 1	EM 91	Aggr 105
b. Level 2:	Off 13	WO 1	EM 88	Aggr 102
c. Level 3:	Off 13	WO 1	EM 85	Aggr 99

29—26H

a. Level 1:	Off 13	WO 1	EM 92	Aggr 106
b. Level 2:	Off 13	WO 1	EM 89	Aggr 103
c. Level 3:	Off 13	WO 1	EM 83	Aggr 97

Summary of equipment. See table 2—12.

TOE 55—424H Trans Acft Maint Co, Maint Bn, Armd and Mech Div (10)

TOE 55—89H Trans Acft Maint Co, Maint Bn, Inf Div (10)

Mission. To provide direct support aircraft maintenance and aircraft-peculiar repair parts supply to using units of the division.

Assignment. a. Organic to maintenance battalion, armored division, TOE 29—35H.

b. Organic to maintenance battalion, infantry division, TOE 29—15H.

c. Organic to maintenance battalion, mechanized division, TOE 29—25H.

Capabilities. a. Provides 4,050 productive man-hours per month for direct support maintenance on Army rotary wing aircraft organic to the armored and mechanized divisions.

b. Provides 6,075 productive man-hours per month for direct support maintenance on Army rotary wing aircraft organic to the infantry division, operating on a two-shift basis.

c. Provides contact teams for onsite repair of downed aircraft or preparing the downed aircraft for evacuation by medium- or heavy-lift helicopter.

d. Provides repair parts supply for divisional aircraft, avionic equipment, and aircraft armament systems.

e. Performs organizational maintenance on organic equipment.

Mobility. One hundred percent mobile in organic vehicles.

Strength.

55—424H

a. Level 1:	Off 4	WO 5	EM 100	Aggr 109
b. Level 2:	Off 4	WO 5	EM 96	Aggr 105
c. Level 3:	Off 4	WO 5	EM 90	Aggr 99

55—89H

a. Level 1:	Off 4	WO 6	EM 179	Aggr 189
b. Level 2:	Off 4	WO 6	EM 169	Aggr 179
c. Level 3:	Off 4	WO 6	EM 148	Aggr 158

Summary of equipment. See table 2—12.

TOE 29—37H Fwd Spt Co, Maint Bn, Armd Div (10)

TOE 29—17H Fwd Spt Co, Maint Bn, Inf Div (11)

TOE 29—27H Fwd Spt Co, Maint Bn, Mech Div (9)

Mission. To provide direct support maintenance and repair parts supply service for engineer, ordnance, quartermaster, and signal equipment, except photographic, COMSEC and airdrop items, normally in a brigade and its attached units, of the division.

Assignment. a. Organic to maintenance battalion, armored division, TOE 29—35H.

b. Organic to maintenance battalion, infantry division, TOE 29—15H.

c. Organic to maintenance battalion, mechanized division, TOE 29—25H.

Capabilities. a. Provides direct support maintenance and technical assistance service to one brigade of the division.

b. Provides repair parts supply to satisfy the requirements of supported units.

c. Provides limited recovery and evacuation support.

d. Performs organizational maintenance on organic equipment.

Mobility. One hundred percent mobile in organic vehicles.

Strength.

29–37H

a.	Level 1:	Off 3	WO 3	EM 173	Aggr 179
b.	Level 2:	Off 3	WO 3	EM 171	Aggr 177
c.	Level 3:	Off 3	WO 3	EM 166	Aggr 172

29–17H

a.	Level 1:	Off 3	WO 3	EM 107	Aggr 113
b.	Level 2:	Off 3	WO 3	EM 107	Aggr 113
c.	Level 3:	Off 3	WO 3	EM 107	Aggr 113

29–27H

a.	Level 1:	Off 3	WO 3	EM 169	Aggr 175
b.	Level 2:	Off 3	WO 3	EM 168	Aggr 174
c.	Level 3:	Off 3	WO 3	EM 165	Aggr 171

Summary of equipment. See table 2–12.

TOE 29–38H Hv Maint Co, Maint Bn, Armd Div (9)

TOE 29–18H Hv Maint Co, Maint Bn, Inf Div (10)

TOE 29–28H Hv Maint Co, Maint Bn, Mech Div (10)

Mission. a. To provide direct support maintenance for mechanical, armament, engineer, quartermaster, and power generation equipment of those elements of the division not supported by the forward support companies.

b. To provide direct support maintenance for chemical and refrigeration equipment for all elements of the division.

c. To provide supplementary and backup direct support to the three forward support companies.

Assignment. a. Organic to maintenance battalion, armored division, TOE 29–35H.

b. Organic to maintenance battalion, infantry division, TOE 29–15H.

c. Organic to maintenance battalion, mechanized division, TOE 29–25H.

Capabilities. a. Provides supplementary and backup maintenance support for the forward support companies.

b. Provides limited vehicular recovery assistance to supported units, when required.

c. Performs organizational maintenance on organic equipment.

Mobility. One hundred percent mobile in organic vehicles.

Strength.

29–38H

a.	Level 1:	Off 4	WO 4	EM 235	Aggr 243
b.	Level 2:	Off 4	WO 4	EM 228	Aggr 236
c.	Level 3:	Off 4	WO 4	EM 214	Aggr 222

29–18H

a.	Level 1:	Off 4	WO 4	EM 176	Aggr 184
b.	Level 2:	Off 4	WO 4	EM 170	Aggr 178
c.	Level 3:	Off 4	WO 4	EM 166	Aggr 174

29–28H

a.	Level 1:	Off 4	WO 4	EM 204	Aggr 212
b.	Level 2:	Off 4	WO 4	EM 200	Aggr 208
c.	Level 3:	Off 4	WO 4	EM 186	Aggr 194

Summary of equipment. See table 2–12.

TOE 9–557H Msl Spt Co, Maint Bn, DISCOM, (Armd, Inf and Mech Div)

Mission. To provide system peculiar direct support maintenance and repair parts support for light air defense systems, their supporting radars, and land combat missile systems.

Assignment. Organic to the maintenance battalion, armored division, TOE 29–35, or infan-

d. Furnishes limited antitank protection.

e. Provides indirect fire support for organic and attached units.

f. Conducts long-range patrolling, when properly equipped.

g. Participates in motorized, mechanized, joint airborne operations, when provided sufficient transportation.

h. Participates in airmobile operations, when provided sufficient air transportation.

i. Maneuvers in all suitable types of terrain and under all climatic conditions.

j. Participates in amphibious operations.

k. Provides limited air defense support.

l. Participates in counterinsurgency operations as elements of brigade-sized backup forces.

m. Performs organizational maintenance on organic equipment.

Mobility. Mobility of units organic to this battalion is included in appropriate component TOE extracts.

Strength.

a. Level 1: Off 37 WO 2 EM 761 Aggr 800
b. Level 2: Off 36 WO 2 EM 696 Aggr 734
c. Level 3: Off 30 WO 2 EM 621 Aggr 653

Summary of equipment. See table 2–13.

TOE 7–16H HHC, Inf Bn, Inf Div (11)

Mission. To provide command, control, and supervision of the operations of the infantry battalion.

Assignment. Organic to infantry battalion, infantry division, TOE 7–15H.

Capabilities. a. Provides command, control, staff planning, and supervision of operations of organic and attached elements of the infantry battalion.

b. Provides supply and organizational maintenance support.

c. Provides centralized (battalion) or decentralized (company) messing, as required.

d. Provides communication support.

e. Provides unit-level medical support to the infantry battalion, to include furnishing aidmen to the rifle companies and combat support company.

f. Performs organizational maintenance on organic equipment and provides vehicular maintenance support for the rifle companies, TOE 7–18H.

Mobility. One hundred percent mobile in organic vehicles.

Strength.

a. Level 1: Off 13 WO 2 EM 124 Aggr 139
b. Level 2: Off 12 WO 2 EM 116 Aggr 130
c. Level 3: Off 10 WO 2 EM 101 Aggr 113

Summary of equipment. See table 2–13.

TOE 7–18H Rifle Co, Inf Bn, Inf Div (9)

Mission. To close with the enemy by means of fire and maneuver to destroy or capture him or to repel his assault by fire, close combat, and counterattack.

Assignment. Organic to infantry battalion, infantry division, TOE 7–15H.

Capabilities. a. Provides a base of fire and maneuver.

b. Closes with the enemy to destroy or capture him.

c. Seizes and holds terrain.

d. Repels enemy assault by fire, close combat, and counterattack.

e. Maneuvers in all types of terrain and under all climatic conditions.

f. Capitalizes on all forms of mobility.

g. Depends on HHC, infantry battalion, for medical and mess support and for maintenance of organic vehicles and on the combat support company for heavy antitank support.

Mobility. Thirty percent mobile in organic vehicles.

Strength.

a. Level 1: Off 6 WO 0 EM 168 Aggr 174
b. Level 2: Off 6 WO 0 EM 153 Aggr 159
c. Level 3: Off 5 WO 0 EM 139 Aggr 144

Summary of equipment. See table 2–13.

TOE 7–28H Cbt Spt Co, Inf Bn, Inf Div (12)

Mission. To provide reconnaissance, ground surveillance, indirect fire support, antitank support, and limited air defense support for the infantry battalion.

Assignment. Organic to infantry battalion, infantry division, TOE 7–15H.

Capabilities. a. Provides reconnaissance and ground radar surveillance.

b. Provides antitank and mortar support.

c. Provides limited air defense support.

d. Maneuvers in all types of terrain and under all climatic conditions.

e. Performs organizational maintenance on organic equipment.

f. Capitalizes on all forms of mobility.

Mobility. One hundred percent mobile in organic vehicles.

Strength.

a. Level 1: Off 6 WO 0 EM 133 Aggr 139
b. Level 2: Off 6 WO 0 EM 121 Aggr 127
c. Level 3: Off 5 WO 0 EM 103 Aggr 108

Summary of equipment. See table 2–13.

2–3. Airborne Division.

Figure 2–4 shows the organizational structure for an airborne division. This type of division has a division base and nine maneuver battalions. Table 2–15 provides a summary of the division's equipment by class of supply. Figures 2–4 through 2–6 provide the organizational structures for subordinate elements of an airborne division. Tables 2–16 through 2–20 provide summaries of selected items of equipment for these subordinate elements.

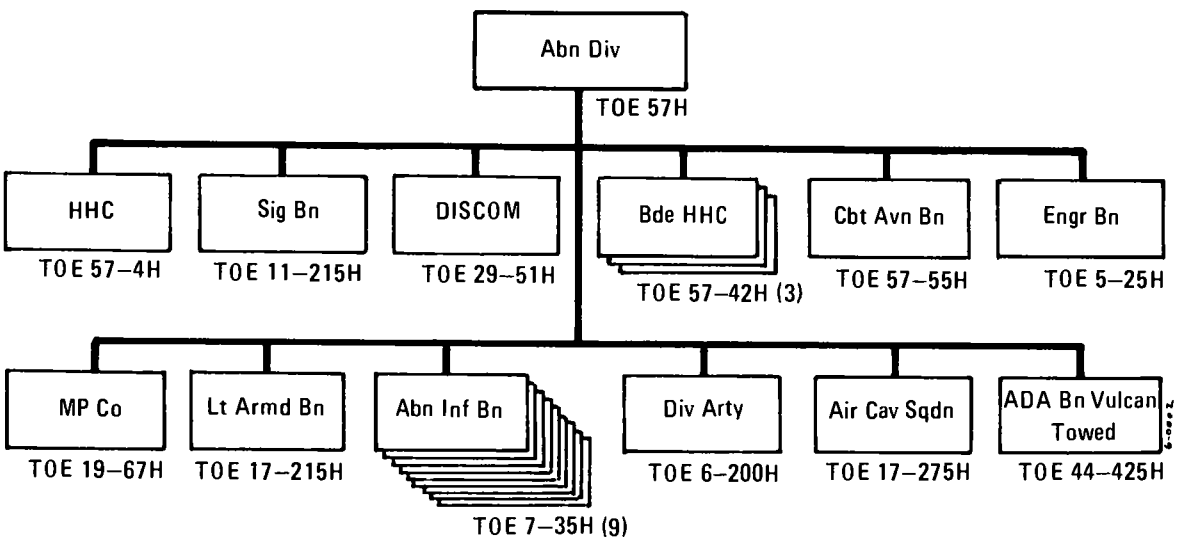

Figure 2–4. Airborne division.

TOE 57H Airborne Division (No change)

Mission. a. To move by air and by airborne assault to seize and hold assigned objectives and to close with the enemy to destroy or capture him in a low-intensity or mid-intensity conflict until ground linkup can be accomplished or until reinforced by air or surface landing.

b. To move by air and by airborne assault, when reinforced, to seize and hold assigned objectives in high-intensity operational environments.

c. To execute small-scale airborne commando-type operations to perform a selected mission.

d. To move by air on short notice to any oversea land area as a deterrent or resistance force in any threatened area.

Capabilities. a. Executes airborne assault by means of parachute drop or air landing.

b. Closes with the enemy to destroy or capture him, utilizing fire, maneuver, and close combat.

c. When organized for combat with additional combat, combat support, and combat service support units, can conduct sustained ground operations.

d. Acts alone or as part of a larger force.

e. Conducts airmobile operations.

Mobility. Mobility of units organic to this division is included in appropriate component TOE extracts.

Strength.

a. Level 1: Off 1,004 WO 285 EM 13,606 Aggr 14,895
b. Level 2: Off 984 WO 266 EM 12,353 Aggr 13,603
c. Level 3: Off 895 WO 250 EM 11,028 Aggr 12,173

Summary of equipment. See table 2—15.

TOE 57–4H HHC, Abn Div (2)

Mission a. Headquarters. To command, control, and supervise operations of the division and attached units.

b. Headquarters company. To provide personnel and administrative support for the headquarters.

Assignment. Organic to airborne division, TOE 57H.

Capabilities. a. Headquarters. Provides command, staff planning, control, and supervision of administration and operations of the division, and attached units and operates simultaneously a main and alternate CP, when required.

b. Headquarters company. Provides mess, administration, supply, and maintenance support for division headquarters. Provides mess support for liaison and other attached personnel or teams and the military police company.

c. The medical section provides medical support, to include emergency treatment, evacuation, operation of division headquarters aid station, and supervision of sanitation.

d. Can carry out air transport or parachute operations.

Mobility. a. Fifty percent mobile in organic vehicles.

b. One hundred percent air transportable in medium transport aircraft.

Strength.

a. Level 1: Off 60 WO 2 EM 110 Aggr 172
b. Level 2: Off 60 WO 2 EM 98 Aggr 160
c. Level 3: Off 51 WO 2 EM 89 Aggr 142

Summary of equipment. See table 2—15.

TOE 57–42H Bde HHC, Abn Div (4)

Mission. a. The headquarters provides command, control, and supervision of the tactical operations of the brigade and attached units.

b. The headquarters company provides personnel and administrative support for the headquarters.

Assignment. Organic to airborne division, TOE 57H.

Capabilities. a. Commands attached elements of the divisional combat, combat support, and combat service support elements in offensive and defensive combat operations.

b. Accepts or releases attached elements on short notice.

c. Conducts brigade operations on a sustained 24-hour-a-day basis.

d. Supervises the movement and security of attached or supporting administrative elements.

e. Establishes liaison with higher and adjacent headquarters.

f. Supervises tactical training of attached divisional elements.

g. Acts as emergency successor to operational headquarters for the division in the event the latter is incapable of operating.

h. Conducts independent operations, when augmented by sufficient transportation and administrative support elements.

i. Provides operational control for up to five maneuver battalions.

j. Performs organizational maintenance on organic equipment.

k. Provides limited Army aviation support to attached elements.

Mobility. a. Seventy percent mobile in organic vehicles and aircraft.

b. One hundred percent air transportable in medium transport aircraft.

Strength.

a.	Level 1:	Off 23	WO 8	EM 91	Aggr 122
b.	Level 2:	Off 21	WO 7	EM 82	Aggr 110
c.	Level 3:	Off 18	WO 7	EM 72	Aggr 97

Summary of equipment. See table 2–15.

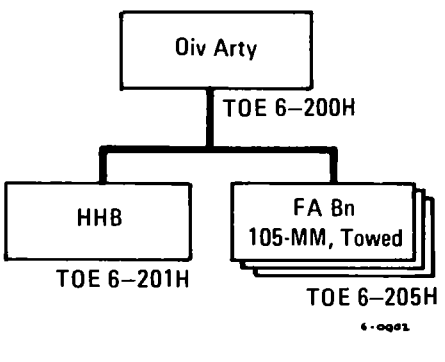

Figure 2–5. Airborne division artillery.

TOE 6–200H Abn Div Arty (No change)

Mission. To provide field artillery support for an airborne division.

Assignment. Organic to airborne division, TOE 57H.

Capabilities. a. Provides field artillery fire support to an airborne division.

b. Establishes the fire support element of the division tactical operations center.

c. Possesses cross-country mobility.

d. Commands and controls organic and attached FA units.

e. Provides communications, target acquisition, and survey.

f. Lands by parachute and aircraft.

Mobility. For mobility of the components of this division artillery, see Section I, General, of the applicable TOE.

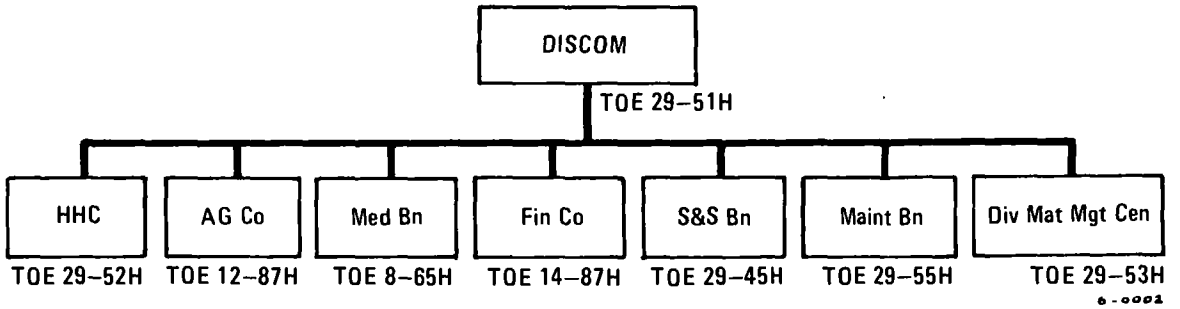

Figure 2–6. Division support command, airborne division.

TOE 29–51H DISCOM (No change)

Mission. To provide division-level supply, field maintenance, medical support, and miscellaneous services for all assigned or attached elements of the division.

Assignment. Organic to airborne division, TOE 57H.

Capabilities. a. Provides division-level logistic support, to include storage of all classes of supply.

b. Provides direct support maintenance, except for medical and cryptographic items, light textiles, and ammunition.

c. Provides division-level medical support, including evacuation, establishment and operation of clearing stations, emergency dental treatment, and medical supply.

d. Has a limited capability to carry division reserve supplies.

e. Provides staff advice to the division commander on quartermaster and ordnance operations and on all supply and maintenance functions, except maintenance of medical and COMSEC materiel, and on transportation matters pertaining to operations of DISCOM.

f. Furnishes music for division functions.

g. Provides air equipment supply and maintenance support to the division.

Mobility. Mobility of units organic to the DISCOM is included in appropriate component TOE extracts.

Strength.

a. Level 1:	Off 168	WO 42	EM 2,114	Aggr 2,324
b. Level 2:	Off 160	WO 42	EM 1,992	Aggr 2,194
c. Level 3:	Off 150	WO 41	EM 1,813	Aggr 2,004

Summary of equipment. See table 2–18.

TOE 29–52H HHC, DISCOM, Abn Div (4)

Mission. a. To provide command and control of DISCOM organic and attached units, except for operational control of the division special staff elements of the administration company, TOE 12–157H.

b. To provide logistic support within the capability of assigned or attached units.

Assignment. Organic to division support command, airborne division, TOE 29–51H.

Capabilities. a. Provides supervision and control of logistic operations of the division.

b. Advises the division commander on combat service support operations, except for medical service.

c. Provides nontechnical training of personnel units of DISCOM.

d. Supervises routine unit administration and supply within DISCOM.

e. Conducts inspections to determine the fitness of DISCOM and attached units to perform tactical functions in the field.

f. Consolidates and disseminates information to DISCOM and higher HQ.

g. Coordinates rear area protection plans for the division support area.

h. Provides the command element for division supply and transportation activities.

Mobility. a. Thirty percent mobile in organic vehicles.

b. One hundred percent air transportable in medium transport aircraft.

Strength.

a.	Level 1:	Off 19	WO 3	EM 88	Aggr 110
b.	Level 2:	Off 19	WO 3	EM 82	Aggr 104
c.	Level 3:	Off 19	WO 3	EM 73	Aggr 95

c. Summary of equipment. See table 2–18.

TOE 8–65H Med Bn (No change)

Mission. To provide division- and unit-level medical support to divisional units, as required.

Assignment. Organic to division support command, airborne division, TOE 29–51H.

Capabilities. a. Provides ambulance evacuation.

b. Furnishes clearing station treatment.

c. Manages psychiatric problems.

d. Provides unit-level medical service on an area basis.

e. Provides division-level medical supply and organizational medical equipment maintenance support for units organic or attached to the division.

Mobility. Mobility of units organic to this battalion is included in appropriate component TOE extracts.

Strength.

a.	Level 1:	Off 59	WO 1	EM 307	Aggr 367
b.	Level 2:	Off 51	WO 1	EM 284	Aggr 336
c.	Level 3:	Off 46	WO 1	EM 255	Aggr 302

Summary of equipment. See table 2–19.

TOE 8–66H HQ and Spt Co, Med Bn (4)

Mission. a. To provide command, control, administration, and logistic support for the medical battalion and to plan for its employment.

b. To provide division- and unit-level medical service, as required, on an area basis to divisional units operating in the division rear area.

Assignment. Organic to medical battalion, division support command, airborne division, TOE 8–65H.

Capabilities. a. Plans for and provides command, control, and supervision of division- and unit-level medical service rendered by elements of the medical battalion and attached units.

b. Provides division-level medical supply support and organizational medical equipment maintenance support for units organic or attached to the division.

c. Performs battalion-level organizational vehicular maintenance for organic elements.

d. Receives, sorts, and temporarily provides medical and surgical treatment for 80 patients.

e. Provides emergency dental treatment.

f. Evacuates patients from unit aid stations.

g. Furnishes unit-level medical support on an area basis to divisional units having no organic medical element.

h. Provides intradivisional transportation of medical supplies and equipment.

i. May be used in an emergency as a unit replacement for one of the medical companies operating in support of a brigade when the division base has been provided medical support by the next higher echelon of medical service.

j. Provides optometric service and presurfaced single-vision prescription spectacle fabrication and repair services for units organic or attached to the division.

Mobility. a. Fifty percent mobile in organic vehicles.

b. One hundred percent air transportable.

Strength.

a. Level 1: Off 29 WO 1 EM 112 Aggr 142
b. Level 2: Off 27 WO 1 EM 104 Aggr 132
c. Level 3: Off 25 WO 1 EM 93 Aggr 119

Summary of equipment. See table 2–19.

TOE 8–67H Med Co, Med Bn (2)

Mission. To provide division- and unit-level medical support, as required, on an area basis to divisional units operating in the brigade area.

Assignment. Organic to medical battalion, division support command, airborne division, TOE 8–65H.

Capabilities. a. Receives, sorts, and temporarily provides medical and surgical treatment for 80 patients. When the division generates an abnormally high patient workload, the clearing platoon can expand its facilities to accommodate 120 patients for a limited period.

b. Provides emergency dental treatment.

c. Evacuates patients from unit aid stations.

d. Furnishes unit-level medical support on an area basis to divisional units having no organic medical element.

e. Provides intradivisional transportation of medical supplies and equipment.

f. When required to support more than four combat battalions, clearing station and evacuation elements must be augmented.

Mobility. a. Forty percent mobile in organic vehicles.

b. One hundred percent air transportable.

Strength.

a. Level 1: Off 10 WO 0 EM 65 Aggr 75
b. Level 2: Off 8 WO 0 EM 60 Aggr 68
c. Level 3: Off 7 WO 0 EM 54 Aggr 61

Summary of equipment. See table 2–19.

TOE 12–87H AG Co, DISCOM, Abn Div (4)

Mission a. To provide centralized personnel and administrative support services, less finance services, to all personnel and units assigned or attached to the division.

b. To promote and maintain the morale and esprit de corps of troops by providing suitable music for military formations, light concerts, and recreation activities.

c. To provide music in support of Army community relations program.

d. To provide an element of the division headquarters rear echelon.

Assignment. Organic to support command, airborne division, TOE 29–51H.

Capabilities. a. Provides logistic support of and plans for tactical security for staff agencies assigned to the company.

b. Provides division-level personnel and administrative support for personnel assigned or attached to the division.

c. Provides company-level personnel and administrative support for personnel assigned to the company.

d. Furnishes mess facilities for personnel assigned, attached, or located in the division HQ rear echelon.

e. Performs organizational maintenance on organic vehicles.

f. Provides message center and related services to division main and rear CP's.

g. Direct worker positions in the personnel records, personnel management, and personnel action branches are computed as follows:

(1) Personnel records branch—one direct worker per 242 troops supported.

(2) Personnel management branch—one direct worker per 577 troops supported.

(3) Personnel actions branch—one direct worker per 714 troops supported.

h. Provides a replacement detachment with the capability to receive, control, and administratively process up to 300 individuals at any given time. This may be any combination of personnel arriving as replacements, returning from the hospital, or departing for rotation or other purposes. Additionally, the replacement detachment can control any number of replacement TOE units that have their own mess capability.

i. Depends on the division communication network for telephone and radio communications.

j. When a combat maneuver battalion is transferred or detached from the division, a personnel team from the personnel service division, AG section, will be transferred with or attached to the maneuver battalion. This personnel team will be composed of those personnel who regularly maintain the maneuver battalion records in the personnel service division.

Mobility. a. Five percent mobile in organic vehicles, when using two lifts in administrative movement.

b. One hundred percent air transportable in medium transport aircraft.

Strength.

a. Level 1: Off 13 WO 6 EM 239 Aggr 258
b. Level 2: Off 13 WO 6 EM 217 Aggr 236
c. Level 3: Off 11 WO 6 EM 196 Aggr 213

Summary of equipment. See table 2–18.

TOE 14–87H Fin Co, DISCOM (4)

Mission. To provide finance services to all units assigned or attached to the division.

Assignment. Organic to division support command, airborne division, TOE 29–51.

Capabilities. a. At level 1, this unit:

(1) Provides finance services to all personnel and units assigned or attached to the division, to include military pay, travel pay, quality assurance, and financial disbursing.

(2) Forms forward support teams to provide financial service to divisional elements located in forward areas, as required.

b. Under level 1, this unit is designed to support approximately 15,000 troops.

c. Individuals of this organization can engage in effective, coordinated defense of the unit's area or installation.

Mobility. a. Five percent mobile in organic vehicles.

b. One hundred percent air transportable in US Air Force C–130 or C–141 aircraft.

Strength.

a. Level 1: Off 7 WO 0 EM 91 Aggr 98
b. Level 2: Off 7 WO 0 EM 87 Aggr 94
c. Level 3: Off 6 WO 0 EM 80 Aggr 86

Summary of equipment. See table 2–18.

TOE 29–53H Div Mat Mgt Cen (4)

Mission. To provide supply management for all division materiel less class VIII, COMSEC equipment, rail mission-type equipment, and classified maps.

Assignment. Organic to division support command, airborne division, TOE 29–51.

Capabilities. This unit—

a. Provides supply management for classes I (includes water distribution), II (includes unclassified map supply), III, IV, V, VI, VII, and IX supplies, less COMSEC equipment, rail mission-type equipment, and classified maps.

b. Determines requirements for development and technical supervision of:

(1) Division authorized stockage lists.

(2) Division operational readiness items list.

c. Procures and directs the distribution of all

f. Depends on other units for medical, dental, and religious services and personnel administration.

Mobility. For mobility of the components of this battalion, see Section I, General, of each applicable TOE.

Strength.

a. Level 1: Off 28 WO 14 EM 701 Aggr 743
b. Level 2: Off 28 WO 14 EM 686 Aggr 728
c. Level 3: Off 27 WO 14 EM 658 Aggr 699

Summary of equipment. See table 2–19.

TOE 29–56H HHD, Maint Bn (4)

Mission. To provide command, tactical control, administration, training, and technical supervision of the maintenance battalion, airborne division.

Assignment. Organic to maintenance battalion, division support command, airborne division, TOE 29–55H.

Capabilities. a. Commands, supervises, controls, and coordinates the operations of the maintenance companies of the battalion.

b. Provides technical supervision of the conduct of maintenance and repair parts supply functions throughout the division.

Mobility. a. Twenty percent mobile in organic vehilces.

b. One hundred percent air transportable in medium transport aircraft.

Strength.

a. Level 1: Off 11 WO 0 EM 29 Aggr 40
b. Level 2: Off 11 WO 0 EM 28 Aggr 39
c. Level 3: Off 10 WO 0 EM 26 Aggr 36

Summary of equipment. See table 2–19.

TOE 29–57H Main Spt Co, Maint Bn (4)

Mission. To provide direct support maintenance and repair parts supply service for the division, a base of supply for the maintenance battalion, and supplementary support for the transportation aircraft maintenance company, TOE 55–99H.

Assignment. Organic to maintenance battalion, division support command, airborne division, TOE 29–55H.

Capabilities. a. Provides 100 percent battalion maintenance capability in support of a type of airborne division consisting of the division base and nine infantry battalions.

b. Provides direct support maintenance and repair parts supply service for all equipment of the division, except for medical, cryptographic, and quartermaster air equipment and aircraft repair.

c. Maintains an operational readiness float and operates a direct exchange service for selected items.

d. Provides limited vehicular evacuation assistance to supported units.

e. Receives, stores, and issues all repair parts.

f. Provides technical supervision for the conduct of maintenance functions throughout the division.

Mobility. a. Thirteen percent mobile in organic vehicles.

b. One hundred percent air transportable in medium transport aircraft.

Strength.

a. Level 1: Off 3 WO 2 EM 164 Aggr 169
b. Level 2: Off 3 WO 2 EM 164 Aggr 169
c. Level 3: Off 3 WO 2 EM 161 Aggr 166

Summary of equipment. See table 2–19.

TOE 29–58H Fwd Spt Co, Maint Bn (4)

Mission. To provide direct support maintenance and repair parts supply for mechanical armament, construction, and commercial equipment normally in a brigade and its attached units of the division commensurate with stated capabilities.

Assignment. Organic to the maintenance battalion, airborne division, TOE 29—55.

Capabilities. a. This unit:

(1) Provides the following annual man-hours of productive maintenance (approximate):

Type	*Level 1*	*Level 2*	*Level 3*
Automotive repair	43,200	40,500	37,800
Engineer equipment repair	5,400	5,400	5,400
Power generation equipment repair	16,200	16,200	16,200
QM light equipment repair	2,700	2,700	2,700
Artillery repair	2,700	2,700	2,700
Small arms repair	5,400	5,400	5,400
Fire control instrument repair	5,400	5,400	5,400
Metalworking	2,700	2,700	2,700
Electrical and electronic devices repair	18,900	18,900	18,900
Communications equipment repair	13,500	13,500	13,500
Tank turret repair	8,100	5,400	5,400

NOTE: Availability criteria based on category II unit, allowing 2,700 annual productive man-hours per repairman.

(2) Provides limited vehicular recovery assistance to supported units.

(3) Maintains a limited stockage of approximately 2,000 lines of repair parts to satisfy the requirements of supported units.

(4) Operates a direct exchange service for selected items.

b. The columns under level 2 and 3 adapt this table for capabilities commensurate with the density of equipment authorized the division at those levels.

c. The columns designated by level 1 through 3 are designed to relate to the categories established by AR 220—1, *Unit Readiness Reporting.*

d. Augmentation increases the capabilities of this unit to the extent provided by the augmentation personnel and equipment.

e. Individuals of this unit can engage in effective, coordinated defense of the unit's area or installation.

Mobility. a. Twenty-five percent mobile in organic vehicles.

b. One hundred percent air transportable in US Air Force C—130 or C—141 aircraft, except truck, wrecker 5-ton.

c. One hundred percent air transportable in US Air Force C—5A aircraft.

Strength.

a. Level 1: Off 2 WO 1 EM 62 Aggr 65
b. Level 2: Off 2 WO 1 EM 81 Aggr 84
c. Level 3: Off 2 WO 1 EM 81 Aggr 84

Summary of equipment. See table 2—19.

TOE 55–99H Trans Acft Maint Co, Maint Bn (4)

Mission. To provide direct support aircraft maintenance capability as an integral part of DISCOM.

Assignment. Organic to maintenance battalion, division support command, airborne division, TOE 29—55H.

Capabilities. a. Provides 9,400 man-hours per month for direct support aircraft maintenance, to include contact teams for onsite repair of aircraft.

b. Provides 800 man-hours per month for direct support maintenance on avionic equipment.

c. Provides 800 man-hours per month for direct support maintenance on aircraft armament systems.

d. Provides a division collecting point for unserviceable, unreparable aircraft.

e. Receives, stores, and issues aircraft armament and aircraft and avionic repair parts to supported units.

Mobility. a. Twelve percent mobile in organic vehicles.

b. One hundred percent air transportable in medium transport aircraft.

Strength.

a. Level 1: Off 5 WO 5 EM 180 Aggr 190
b. Level 2: Off 5 WO 5 EM 169 Aggr 179
c. Level 3: Off 5 WO 5 EM 148 Aggr 158

Strength.

a. Level 1: Off 6 WO 0 EM 115 Aggr 121
b. Level 2: Off 6 WO 0 EM 105 Aggr 111
c. Level 3: Off 5 WO 0 EM 95 Aggr 100

Summary of equipment. See table 2–20.

2–4. A Type of Air Assault Division

Figure 2–7 shows the organizational structure for a type of air assault division. This type of division has a division base and nine maneuver battalions. Table 2–21 provides a summary of the division's equipment by class of supply. Figures 2–7 through 2–10 provide the organizational structures for subordinate elements of a type of air assault division. Tables 2–22 through 2–28 provide summaries of selected items of equipment for these subordinate elements.

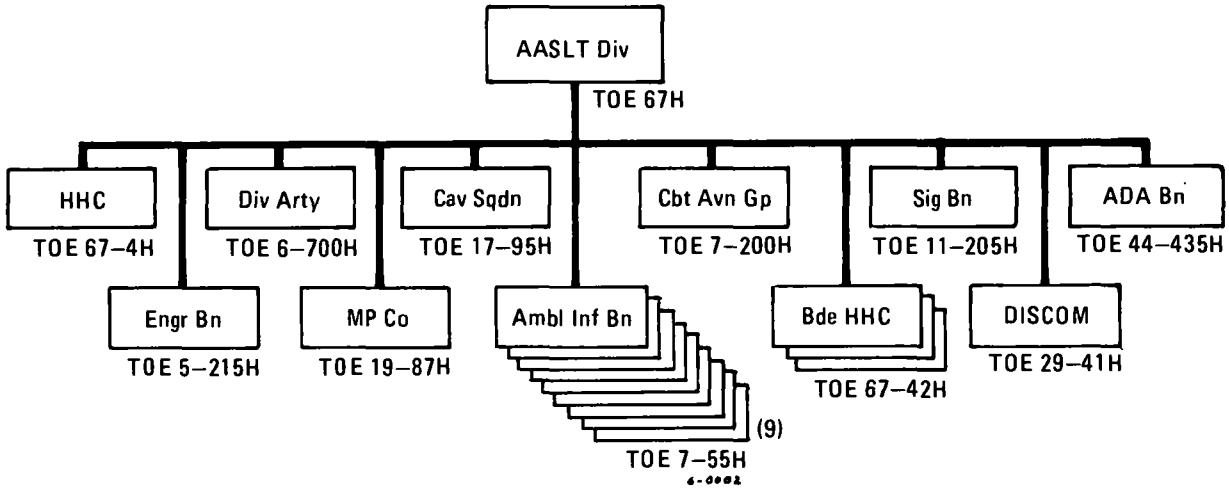

Figure 2–7. A type of air assault division.

TOE 67H AASLT Div (1)

Mission. To destroy enemy forces; to perform various roles in all levels of conflict, to include the full range of offensive and defensive operations capitalizing on its inherent mobility and unique air assault tactics; and to provide a highly mobile reconnaissance, security, or reserve force for larger units.

Capabilities. a. Operates over a wide frontage in all types of terrain; locates, maintains contact with, and destroys enemy forces.

b. Responds immediately and maneuvers rapidly, utilizing organic helicopter assets, to weight the battlefield at the critical time and place.

c. Is particularly suited for economy of force roles, retrograde, screening, rear area security, antiairborne and counterguerrilla operations, raids, and exploitation.

d. Is capable of destroying enemy armored and mechanized forces by aerial and land combat power.

e. Conducts area interdiction operations behind the enemy forward defensive area.

f. Is capable of conducting surveillance, target acquisition, and reconnaissance in force operations over wide areas.

g. Recycles combat forces for immediate use in other areas by heliborne entry into and recovery of units from the battlefield.

h. Can act as a highly responsive mobile reserve or counterattack force.

i. Possesses limited air defense capability against low flying aircraft.

j. Provides nuclear field artillery fires when augmented with field artillery battalion,

155-mm towed, and nuclear demolitions when engineer battalion is augmented by ADM platoon.

k. Is capable of exploiting success of friendly nuclear/chemical fires, conventional fires, and other maneuver forces. Possesses limited vulnerability to enemy nuclear/chemical fires through its ability to rapidly disperse units.

l. Provides control and administration for all organic and attached units.

Mobility. Mobility of units organic to this division is included in appropriate component TOE extracts.

Strength.

a. Level 1: Off 1,266 WO 728 EM 16,082 Aggr 18,076
b. Level 2: Off 1,225 WO 720 EM 14,656 Aggr 16,601
c. Level 3: Off 1,172 WO 624 EM 13,068 Aggr 14,864

Summary of equipment. See table 2–21.

TOE 67–4H HHC, AASLT Div (10)

Mission. a. Headquarters. To command, control, and supervise operations of the division and attached units.

b. Headquarters company. To provide personnel and administrative support for the HQ.

Assignment. Organic to air assault division, TOE 67H.

Capabilities. a. Headquarters. Provides command, staff planning, control, and supervision of administration and operations of the division and attached units; operates a main CP and a rear CP; and established an alternate CP, when required.

b. Headquarters company. Provides administration, supply, organizational maintenance, mess, and unit-level medical service support for division HHC. Provides mess for the military police company.

c. Requires personnel and equipment from higher HQ to perform civil affairs functions, when required.

d. Lands by aircraft.

Mobility. a. Sixty percent mobile in organic vehicles.

b. Ninety percent air transportable in divisional aircraft.

c. One hundred percent air transportable in US Air Force aircraft.

Strength.

a. Level 1: Off 69 WO 2 EM 117 Aggr 188
b. Level 2: Off 65 WO 2 EM 110 Aggr 177
c. Level 3: Off 57 WO 2 EM 98 Aggr 157

Summary of equipment. See table 2–21.

TOE 6–47H HHC, AASLT Div Bde (8)

Mission. To command and control attached combat and combat support elements in both training and combat operations.

Assignment. Organic to air assault division, TOE 67H.

Capabilities. a. Commands attached elements of the air assault division's combat and combat support elements in offensive and defensive combat operations.

b. Accepts and releases attached elements on short notice.

c. Provides messing facilities for elements attached to brigade HHC.

d. Conducts operations on a sustained 24-hour-a-day basis.

e. Supervises the movement and security of attached or supporting elements.

f. Establishes liaison with higher and other HQ, as required.

g. Acts as emergency successor operational HQ in the event of the destruction of division HQ.

h. Provides Army aviation for command and control brigade HQ and attached infantry battalions.

i. Supervises tactical training of attached air assault division elements.

j. A security element for brigade HQ, when required, will be authorized by an MTOE under the provisions of AR 310–31.

Mobility. a. Forty-seven percent mobile in organic vehicles and aircraft.

b. One hundred percent air transportable in divisional aircraft.

c. One hundred percent air transportable in US Air Force aircraft.

Strength.

a. Level 1:	Off 24	WO 18	EM 117	Aggr 159
b. Level 2:	Off 22	WO 18	EM 103	Aggr 143
c. Level 3:	Off 18	WO 18	EM 92	Aggr 128

Summary of equipment. See table 2–21.

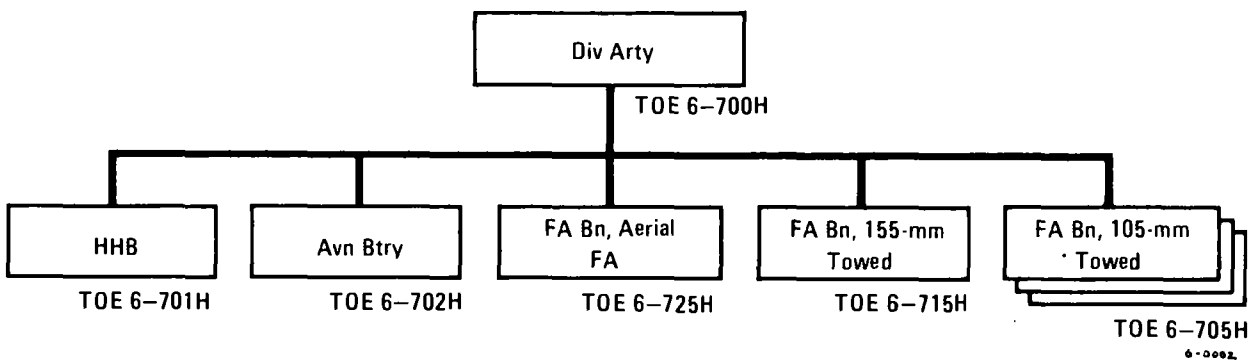

Figure 2–8. Air assault division artillery.

TOE 6–700H Div Arty (No change)

Mission. To provide DS and GS field artillery fires for the air assault division.

Assignment. Organic to air assault division, TOE 67H.

Capabilities. a. Provides field artillery support, to include communications, target acquisition, and survey.

b. Establishes the fire support element of the division tactical operations center.

c. Commands and controls additional attached field artillery units.

Mobility. For mobility of the components of this division artillery, see Section I, General, Organization, of each applicable TOE.

Strength.

a. Level 1:	Off 230	WO 83	EM 2,163	Aggr 2,476
b. Level 2:	Off 220	WO 83	EM 1,975	Aggr 2,278
c. Level 3:	Off 218	WO 83	EM 1,734	Aggr 2,035

Summary of equipment. See table 2–22.

TOE 6–701H HHB, AASLT Div Arty (8)

Mission. To direct and coordinate operations of the air assault division artillery and attached units and to provide facilities for the control of these units.

Assignment. Organic to air assault division artillery, TOE 6–700H.

Capabilities. a. Provides staff planning, supervision, coordination, and control of operations and fires of organic and attached units of division artillery.

b. Provides its component of the division artillery weapon system, to include its required means for target acquisition, communication, survey, ballistic meteorology, and logistics.

c. Provides chaplain services for the division artillery and attached units.

d. Performs unit-level medical support to HHB, air assault division artillery, and the aviation battery, TOE 6–702H.

e. Provides the field artillery fire support element of the division tactical operations center.

Mobility. a. Thirty-five percent mobile in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a. Level 1: Off 25 WO 3 EM 130 Aggr 158
b. Level 2: Off 25 WO 3 EM 119 Aggr 147
c. Level 3: Off 24 WO 3 EM 103 Aggr 130

Summary of equipment. See table 2–22.

TOE 6–702H Avn Btry, AASLT Div Arty (8)

Mission. To increase the combat effectiveness of the air assault division artillery by providing immediately responsive aviation support.

Assignment. Organic to air assault division artillery, TOE 6–700H.

Capabilities. a. Conducts continuous (day and night) operations during visual weather conditions and limited operations under instrument weather conditions.

b. Conducts air observation, surveillance, and reconnaissance, both day and night, of enemy areas to locate, verify, and evaulate targets, terrain study, and indirect fire adjustments.

c. Provides command, liaison, reconnaissance, and transportation.

Mobility. a. Seventy-five percent mobile in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a. Level 1: Off 10 WO 17 EM 82 Aggr 109
b. Level 2: Off 10 WO 17 EM 77 Aggr 104
c. Level 3: Off 10 WO 17 EM 67 Aggr 94

Summary of equipment. See table 2–22.

TOE 6–705H FA Bn, 105-mm, Towed (No change)

Mission. To provide field artillery fires in direct support of a maneuver brigade; to reinforce the fires of other field artillery units.

Assignment. Organic to air assault division artillery, TOE 6–700H.

Capabilities. a. Provides close and continuous field artillery support, to include target acquisition, communications, fire support sections, and survey.

b. Reinforces the fires of other field artillery battalions.

c. Provides fire support coordination for the supported bridge and maneuver battalions.

d. Provides unit-level medical support for units at the battalion.

e. Provides limited air defense against low altitude hostile aircraft.

f. Delivers personnel and equipment by parachute in support of division operations when organized under SRC 06705H120.

Mobility. For mobility of the components of this battalion, see Section I, General, of each applicable TOE.

Strength.

a. Level 1: Off 39 WO 2 EM 360 Aggr 401
b. Level 2: Off 36 WO 2 EM 329 Aggr 367
c. Level 3: Off 36 WO 2 EM 285 Aggr 323

Summary of equipment. See table 2–22.

TOE 6–706H HQ, H&S Btry, FA Bn, 105-mm, Towed (8)

Mission. a. To direct and coordinate operations of the battalion and to provide facilities with which the battalion commander controls the battalion.

b. To procure, break down, and distribute all classes of supplies to units of the battalion.

Assignment. Organic to field artillery bat-

talion, 105-mm, towed, air assault division, TOE 6–705H.

Capabilities. a. Provides staff planning, supervision, coordination, and control of operations of organic units of the battalion.

b. Provides unit-level medical service, establishes an aid station, and furnishes aidmen to battalion units.

c. Draws and issues all classes of supplies and provides all levels of organizational maintenance for organic elements.

d. Can rapidly displace from and occupy tactical locations by using helicopters provided by the air assault division.

e. Provides survey control for units of the battalions.

f. Provides limited air defense against low altitude hostile aircraft.

g. Furnishes its portion of the battalion communications and target acquisition system.

Mobility. a. Fifty percent mobile in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a. Level 1: Off 18 WO 2 EM 114 Aggr 134
b. Level 2: Off 18 WO 2 EM 104 Aggr 124
c. Level 3: Off 18 WO 2 EM 90 Aggr 110

Summary of equipment. See table 2–22.

TOE 6–707H FA Btry, 105-mm, Towed, FA Bn, 105-mm, Towed (8)

Mission. To provide a firing component of the 105-mm field artillery battalion, towed.

Assignment. Organic to field artillery battalion, 105-mm, towed, air assault division, TOE 6–705H.

Capabilities. a. Furnishes its portion of the battalion communications and fire support.

b. Delivers 105-mm fires of appropriate type and density at times and place required.

Mobility. a. Minimal mobility in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a. Level 1: Off 7 WO 0 EM 82 Aggr 89
b. Level 2: Off 6 WO 0 EM 75 Aggr 81
c. Level 3: Off 6 WO 0 EM 65 Aggr 71

Summary of equipment. See table 2–22.

TOE 6–725H Aerial FA, FA Bn (No change)

Mission. To provide armed aircraft fire support to the maneuver forces of the air assault division.

Assignment. Organic to air assault division artillery, TOE 6–700H.

Capabilities. a. Provides highly mobile direct fire support with aerially mounted rocket launchers.

b. Elements of the battalion may be detached and placed in support of specific ground units.

c. May be employed as a battalion or as individual batteries.

d. Provides aerially mounted antitank capability.

Mobility. For mobility of the components of this battalion, see Section I, General, Organization, of each applicable TOE.

Strength.

a. Level 1: Off 53 WO 55 EM 371 Aggr 479
b. Level 2: Off 53 WO 55 EM 337 Aggr 445
c. Level 3: Off 53 WO 55 EM 295 Aggr 403

Summary of equipment. See table 2–22.

TOE 6–726H HQ, H&S Btry, FA Bn, Aerial FA (8)

Mission. a. To direct and coordinate opera-

tions of the battalion and to provide facilities with which the battalion commander controls the battalion.

b. To procure, break down, and distribute all classes of supplies to units of the battalion.

Assignment. Organic to field artillery battalion, aerial field artillery, air assault division, TOE 6—725H.

Capabilities. a. Provides staff planning, supervision, coordination, and control of organic units of the battalion.

b. Provides unit-level medical service, establishes an aid station, and furnishes aidmen to battalion units.

c. Provides personnel to supervise supply and maintenance for the batteries.

d. Operates a central aircraft communication and control facility for the battalion.

e. Draws and issues all classes of supply and provides battalion-level organizational maintenance for organic elements.

Mobility. a. Twenty-five percent mobile in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a. Level 1: Off 14 WO 7 EM 104 Aggr 125
b. Level 2: Off 14 WO 7 EM 97 Aggr 118
c. Level 3: Off 14 WO 7 EM 88 Aggr 109

Summary of equipment. See table 2—22.

TOE 6—727H Aerial FA Btry, Aerial FA Bn (8)

Mission. To provide armed aircraft fire support and to furnish its portion of the battalion communication system.

Assignment. Organic to field artillery battalion, aerial field artillery, air assault division, TOE 6—725H.

Capabilities. a. Provides aerially mounted rocket fire support.

b. Conducts semi-independent operations.

c. Provides aerially mounted antitank capability.

Mobility. a. Twenty-five percent mobile in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force Aircraft.

Strength.

a. Level 1: Off 12 WO 16 EM 89 Aggr 117
b. Level 2: Off 12 WO 16 EM 80 Aggr 108
c. Level 3: Off 12 WO 16 EM 69 Aggr 97

Summary of equipment. See table 2—22.

TOE 6—715H FA Bn, 155-mm, Towed (No change)

Mission. To provide field artillery fires, to include nuclear, in general support of an air assault division. To reinforce the fires of other field artillery units.

Assignment. Organic to air assault division artillery, TOE 6—700.

Capabilities. a. At level 1, this unit—

b. Provides continuous and timely field artillery fire support to the supported force, including fires with special and conventional ammunition.

c. Provides its components of the division artillery communications, survey, air defense, and target acquisition systems.

d. Provides unit-level medical support for units of the battalion.

e. Augments fires of other fire support systems.

f. Procures and distributes all classes of supply to organic units. Maintains appropriate supply and materiel records, and transports its prescribed basic load of ammunition.

Mobility. For mobility of the components of this battalion, see Section I, General, of each applicable TOE.

Strength.

a. Level 1: Off 25 WO 2 EM 500 Aggr 527
b. Level 2: Off 24 WO 2 EM 455 Aggr 481
c. Level 3: Off 23 WO 2 EM 414 Aggr 439

Summary of equipment. See table 2–23.

TOE 6–716H HHB, FA Bn, 155-mm, Towed (8)

Mission. a. To direct and coordinate operations of the battalion.

b. To provide facilities with which the battalion commander controls the battalion.

Assignment. Organic to field artillery battalion, 155-mm, towed, air assault division, TOE 6–715.

Capabilities. At level 1, this unit—

a. Plans, supervises, coordinates, and controls operation of organic units of the battalion.

b. Provides survey control for the battalion.

c. Provides unit-level medical services for units of the battalion.

d. Provides limited air defense against low altitude hostile aircraft.

e. Provides its portion of the battalion communications system.

Mobility. a. Sixty-five percent mobile in organic vehicles.

b. One hundred percent air transportable in divisional aircraft.

c. One hundred percent air transportable in US Air Force aircraft.

Strength.

a. Level 1: Off 14 WO 1 EM 111 Aggr 126
b. Level 2: Off 13 WO 1 EM 103 Aggr 107
c. Level 3: Off 12 WO 1 EM 85 Aggr 98

Summary of equipment. See table 2–23.

TOE 6–717H FA Btry, 155-mm Towed, FA Bn, 155-mm Towed (8)

Mission. To provide a firing component of the field artillery battalion, 155-mm, towed.

Assignment. Organic to field artillery battalion, 155-mm, towed, air assault division, TOE 6–715.

Capabilities. At level 1, this unit—

a. Delivers 155-mm fires at time and place required.

b. Furnishes its portion of the battalion communications system.

c. Transports its portion of the battalion basic load of ammunition.

Mobility. a. Seventy-two percent mobile in organic vehicles.

b. Fifty percent air transportable in divisional aircraft.

c. One hundred percent air transportable in US Air Force aircraft.

Strength.

a. Level 1: Off 3 WO 0 EM 108 Aggr 111
b. Level 2: Off 3 WO 0 EM 99 Aggr 102
c. Level 3: Off 3 WO 0 EM 93 Aggr 96

Summary of equipment. See table 2–23.

TOE 6–719H Svc Btry, FA Bn, 155-mm Towed (8)

Mission. To procure and distribute all classes of supplies to units of the battalion, maintain appropriate supply records, and perform organizational level maintenance functions not otherwise accomplished within the battalion.

Assignment. Organic to field artillery battalion, 155-mm towed, air assault division, TOE 6–715.

Capabilities. At level 1, this unit—

a. Procures and distributes all classes of supplies to units of the battalion.

b. Maintains appropriate supply records.

c. Transports its portion of the battalion basic load of ammunition.

Mobility. a. Eighty percent mobile in organic vehicles.

b. Fifty percent air transportable in divisional aircraft.

c. One hundred percent air transportable in US Air Force aircraft.

Strength.

a. Level 1: Off 2 WO 1 EM 65 Aggr 68
b. Level 2: Off 2 WO 1 EM 55 Aggr 58
c. Level 3: Off 2 WO 1 EM 50 Aggr 53

Summary of equipment. See table 2—23.

TOE 44–435H ADA Bn, Vulcan, Towed (1)

Mission. a. To provide air defense for the air assault division as required against attack by low altitude hostile aircraft.

b. To attack and destroy hostile surface targets as required.

Assignment. Organic to air assault division, TOE 67.

Capabilities. a. Provides air defense against low altitude hostile aircraft.

b. Attacks or defends against surface targets.

c. Provides forward area alerting radar facility when so augmented.

d. Provides medical service limited to emergency medical treatment. Provision of aidmen to all batteries and supervision of sanitation. Evacuation of casualties will require support of air ambulances.

Mobility. a. Fifty percent mobile in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a. Level 1: Off 35 WO 7 EM 443 Aggr 485
b. Level 2: Off 35 WO 7 EM 407 Aggr 449
c. Level 3: Off 34 WO 7 EM 350 Aggr 391

Summary of equipment. See table 2—23.

TOE 44–436H HHB, ADA Bn, Vulcan, Towed (12)

Mission. To provide control and supervision of the operation of the battalion.

Assignment. Organic to the air defense artillery battalion, Vulcan, towed, air assault division, TOE 44—435.

Capabilities. At level 1, this unit—

a. Provides command, control, staff planning, and supervision of operations.

b. Provides radio and wire communications with all elements of the battalion, higher, adjacent, and supported units.

c. Provides logistic support to the units of the battalion.

d. Provides medical service limited to emergency medical treatment and supervision of sanitation.

e. Provides forward area alerting radar facilities.

Mobility. a. Fifty percent mobile in organic vehicles.

b. One hundred percent air transportable in divisional aircraft.

c. One hundred percent air transportable in US Air Force aircraft.

Strength.

a. Level 1: Off 11 WO 3 EM 99 Aggr 113
b. Level 2: Off 11 WO 3 EM 91 Aggr 105
c. Level 3: Off 10 WO 3 EM 82 Aggr 95

Summary of equipment. See table 2—23.

TOE 44–437H ADA Btry, ADA Bn, Vulcan, Towed, AASLT Div (12)

Mission. a. To provide air defense against low-altitude hostile aircraft for the air assault division.

b. To attack and destroy hostile surface targets as required.

c. To provide Vulcan fire units to the air defense artillery battalion, Vulcan, towed, air assault division.

Assignment. Organic to the air defense artillery battalion, Vulcan, towed, air assault division, TOE 44–435.

Capabilities. At level 1, this unit—

a. Provides delivery of a high rate of fire from prepared or hasty positions against low altitude hostile aircraft.

b. Provides delivery of a high rate of fire from hasty positions against surface targets.

c. Provides air defense artillery support to a parachute-qualified brigade when organized under SRC 44437H020. When organized under SRC 44437H020, for independent airborne operations, this unit is dependent upon headquarters battery, air defense artillery battalion, air assault division, TOE 44–436, for communications out of the airhead/objective area and transportation beyond the organic mobility.

Mobility. a. Fifty percent mobile in organic vehicles.

b. One hundred percent air transportable in divisional aircraft.

c. One hundred percent air transportable in US Air Force aircraft.

Strength.

a.	Level 1:	Off 6	WO 1	EM 86	Aggr 93
b.	Level 2:	Off 6	WO 1	EM 79	Aggr 86
c.	Level 3:	Off 6	WO 1	EM 67	Aggr 74

Summary of equipment. See table 2–23.

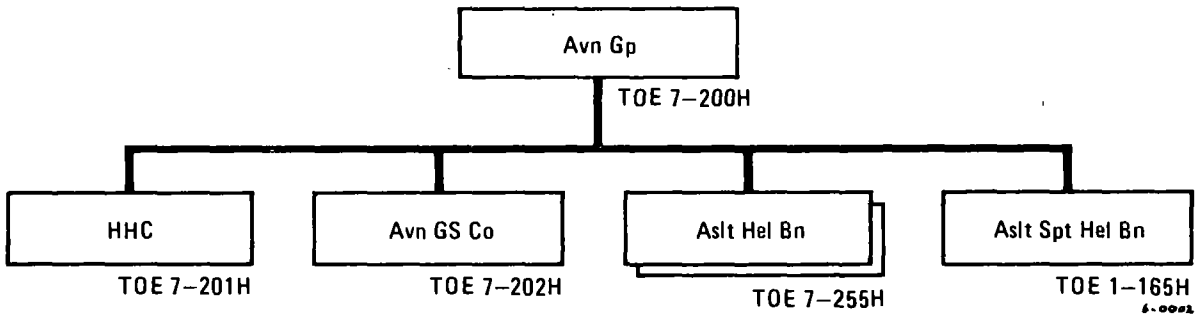

Figure 2–9. Aviation group, air assault division.

TOE 7–200H Avn Gp (No change)

Mission. To provide aviation support to the air assault division and aviation special staff personnel to division HQ.

Assignment. Organic to air assault division, TOE 67H.

Capabilities. a. Provides command and control, performs staff planning, and supervises subordinate and attached units.

b. Provides aviation special staff personnel for division HQ.

c. Provides limited aerial battlefield surveillance to acquire information on the enemy and terrain and performs target acquisition.

d. At normal aircraft availability, (CH–47–60 percent and UH–1–90 percent), airlifts simultaneously the assault elements of two air-mobile infantry battalions and three 105-mm howitzer batteries, or any combination thereof.

e. Conducts continuous (day and night) operations during visual weather conditions and limited operations under instrument flight conditions.

f. Airlifts supplies, equipment, and troops of units of the division.

g. Provides aircraft to support division HQ, DISCOM, and other units without organic aircraft.

h. Provides aircraft for general support and reinforcement of units with organic aircraft.

i. Augments aeromedical capability of the medical battalion by providing air transportation for nonemergency-type patients at the request of the appropriate command surgeon.

j. Provides pathfinder support for the division.

k. Provides armed aerial escort for the division.

l. Depends on—

(1) Division HHC for unit-level medical service.

(2) The DISCOM for normal logistic support, to include continuous aviation direct support maintenance and supply of aviation fuel.

(3) Augmentation of attached or supporting aviation units of corps for nondivisional Army aviation support.

(4) USAF strategic cargo/transport aircraft for air movement to an area of operations.

(5) Transport by ship when speed is not a requirement for strategic deployment or when airlift is not available.

Mobility. For mobility of the components of this group, see Section I, General, of each applicable TOE.

Strength.

a.	Level 1:	Off 209	WO 401	EM 1,817	Aggr 2,427
b.	Level 2:	Off 205	WO 401	EM 1,673	Aggr 2,279
c.	Level 3:	Off 194	WO 314	EM 1,468	Aggr 1,976

Summary of equipment. See table 2—24.

TOE 7—201H HHC, Avn Gp (8)

Mission. a. To furnish command, control, communications, and supply for the aviation group.

b. To provide aviation special staff personnel for the air assault division HQ.

Assignment. Organic to aviation group, air assault division, TOE 7—200H.

Capabilities. a. Provides command and control, performs staff planning, furnishes communications, and supervises operations of subordinate units of the aviation group and attached units.

b. Provides aviation special staff personnel for aviation group HQ, division aviation officer's section; and, when operating, the Army aviation element of the division tactical operations center.

c. Provides personnel to supervise supply, maintenance, and administration for organic and attached units.

d. Provides pathfinder support to the elements of the division through the pathfinder sections.

e. Provides ground controlled approach teams for the division.

Mobility. a. Eighty percent mobile in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a.	Level 1:	Off 38	WO 2	EM 225	Aggr 265
b.	Level 2:	Off 36	WO 2	EM 198	Aggr 236
c.	Level 3:	Off 33	WO 1	EM 176	Aggr 210

Summary of equipment. See table 2—24.

TOE 7—202H Avn Co, Avn Gp (8)

Mission. To provide aviation support for division HQ, aviation group HQ, DISCOM, and other units without organic aircraft; to furnish

electronic surveillance; and to acquire combat intelligence and target information for the air assault division.

Assignment. Organic to aviation group, air assault division, TOE 7—200H.

Capabilities. a. Provides air observation, reconnaissance, and surveillance by visual, radar, infrared, and visual photographic means of enemy areas to locate, verify, and evaluate targets, terrain study, and fire adjustment.

b. Provides day and night operations during visual weather conditions and limited operations under instrument weather conditions.

c. Provides aircraft for aerial command post control, liaison, reconnaissance, and radio relay for the division.

d. Augments aeromedical evacuation units by transporting nonemergency-type patients at the request of the appropriate command surgeon.

e. Provides rapid airphotography, consisting of daylight vertical and oblique photography and night vertical photography.

f. Provides battlefield illumination and local small area smokescreens for combat elements of the division.

g. Depends on HHC, military intelligence battalion, air reconnaissance support, TOE 30—6H, for processing surveillance information received by the ground stations through the data line systems, combat signal support, and intelligence support.

Mobility. a. Ninety percent mobile in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a. Level 1: Off 15 WO 35 EM 135 Aggr 175
b. Level 2: Off 15 WO 35 EM 113 Aggr 163
c. Level 3: Off 13 WO 27 EM 99 Aggr 139

Summary of equipment. See table 2—24.

TOE 7—255H Aslt Hel Bn (No change)

Mission. To provide tactical mobility for combat troops, supplies, and equipment of the division during the conduct of combat and airmobile operations.

Assignment. Organic to aviation group, air assault division, TOE 7—200H.

Capabilities. a. Provides continuous (day and night) operations during visual and marginal weather conditions and limited operations under instrument weather conditions in support of the division in forward areas of the combat zone.

b. Based on 80-percent aircraft availability, provides, in a single lift, airlift for the assault elements of one infantry battalion.

c. Augments aeromedical evacuation from the immediate battlefield.

d. Provides armed air escort for airmobile operations within the combat zone.

Mobility. For mobility of the components of this battalion, see Section I, General, of the respective TOE's.

Strength.

a. Level 1: Off 56 WO 138 EM 480 Aggr 674
b. Level 2: Off 55 WO 138 EM 443 Aggr 636
c. Level 3: Off 52 WO 111 EM 401 Aggr 564

Summary of equipment. See table 2—24.

TOE 7—256H HHC, Aslt Hel Bn (8)

Mission. To furnish command, control, staff planning, and supervision for the assault helicopter battalion.

Assignment. Organic to assault helicopter battalion, air assault division, TOE 7—255H.

Capabilities. a. Commands, controls, performs staff planning, furnishes communications, and supervises operations for subordinate units of the battalion and attached units.

b. Provides personnel to supervise supply,

maintenance, and administration for organic and attached units.

Mobility. a. Eighty percent mobile in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a.	Level 1:	Off 13	WO 3	EM 74	Aggr 90
b.	Level 2:	Off 13	WO 3	EM 70	Aggr 86
c.	Level 3:	Off 13	WO 3	EM 63	Aggr 79

Summary of equipment. See table 2–24.

TOE 7–257H Atk Hel Co, Aslt Hel Bn (8)

Mission. To provide security for airmobile forces and to participate in offensive, defensive, and delaying actions as part of a highly mobile combined arms team.

Assignment. Organic to assault helicopter battalion, air assault division, TOE 7–255H.

Capabilities. a. Provides armed air escort and air suppressive fire support for air assault forces.

b. Participates in semi-independent operations, as required.

c. Provides effective air suppressive fires for counterguerrilla forces.

Mobility. a. Eighty percent mobile in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a.	Level 1:	Off 13	WO 21	EM 106	Aggr 140
b.	Level 2:	Off 12	WO 21	EM 91	Aggr 124
c.	Level 3:	Off 12	WO 21	EM 89	Aggr 122

Summary of equipment. See table 2–24.

TOE 7–258H Aslt Hel Co, Aslt Hel Bn (8)

Mission. To provide tactical mobility for combat troops, supplies, and equipment of the division during the conduct of airmobile operations.

Assignment. Organic to assault helicopter battalion, air assault division, TOE 7–255H.

Capabilities. a. Provides continuous (day and night) operations during visual and marginal weather conditions and limited operations under instrument weather conditions in support of the units in the combat zone.

b. Based on 80-percent availability of organic aircraft, provides, in a single lift, aircraft for one rifle company, including the infantry supporting weapons.

c. Provides air movement of troops, supplies, and equipment within the combat zone.

d. Augments aeromedical evacuation from the immediate battlefield.

Mobility. a. Eight percent mobile in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a.	Level 1:	Off 10	WO 38	EM 100	Aggr 148
b.	Level 2:	Off 10	WO 38	EM 94	Aggr 142
c.	Level 3:	Off 9	WO 29	EM 83	Aggr 121

Summary of equipment. See table 2–24.

TOE 1–165H Aslt Spt Hel Bn (No change)

Mission. To provide tactical air movement of combat troops and materiel in air assault operations within the combat zone.

Assignment. Organic to combat aviation group, air assault division, TOE 7–200H.

Capabilities. a. Provides near continuous (day and night) operations during visual weather conditions and limited operations under instrument weather conditions.

b. Provides, in a single lift, airlift for the assault elements of two infantry battalions (960 combat-equipped troops), the combat elements of three 105-mm howitzer batteries, 198 tons of cargo or an equivalent logistic load, or any combination thereof.

c. Augments aeromedical evacuation, as required.

Mobility. For mobility of the components of this battalion, see Section I, General, of each applicable TOE.

Strength.

a. Level 1: Off 44 WO 88 EM 507 Aggr 639
b. Level 2: Off 44 WO 88 EM 476 Aggr 608
c. Level 3: Off 44 WO 64 EM 391 Aggr 499

Summary of equipment. See table 2–24.

TOE 1–166H HHC, Aslt Spt Hel Bn (7)

Mission. To furnish command, control, staff planning, and supervision for the assault support helicopter battalion.

Assignment. Organic to assault support helicopter battalion, air assault division, TOE 1–165H.

Capabilities. a. Commands, controls, performs staff planning, furnishes communication control, and supervises operations for subordinate units of the battalion and attached units.

b. Provides personnel to supervise supply, maintenance, medical service, and administration for organic and attached units.

Mobility. a. Twenty percent mobile in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a. Level 1: Off 11 WO 1 EM 57 Aggr 69
b. Level 2: Off 11 WO 1 EM 53 Aggr 65
c. Level 3: Off 11 WO 1 EM 46 Aggr 58

Summary of equipment. See table 2–24.

TOE 1–167H Aslt Spt Hel Co, Aslt Spt Hel Bn (9)

Mission. To provide tactical mobility for combat troops, supplies, and equipment of the division during the conduct of combat and airmobile operations.

Assignment. Organic to assault support helicopter battalion, air assault division, TOE 1–165H.

Capabilities. a. Provides continuous (day and night) operations during visual and marginal weather conditions and limited operations under instrument weather conditions in support of the division.

b. Provides, in a single lift, airlift for the assault elements of two infantry companies (360 combat-equipped troops), the combat elements of one 105-mm howitzer battery, 66 tons of cargo or an equivalent logistic load, or any combination thereof.

c. Augments aeromedical evacuation, as required.

Mobility. a. One hundred percent mobile in organic vehicles and aircraft.

b. One hundred percent air transportable in Air Force aircraft.

Strength.

a. Level 1: Off 11 WO 29 EM 150 Aggr 190
b. Level 2: Off 11 WO 29 EM 141 Aggr 181
c. Level 3: Off 11 WO 21 EM 115 Aggr 147

Summary of equipment. See table 2–24.

TOE 5–215H Engr Bn (No change)

Mission. To increase the combat effectiveness of the air assault division by performing general and special engineer tasks and to undertake and carry out infantry combat missions, when required.

Assignment. Organic to air assault division, TOE 67H.

Capabilities. a. Provides engineer staff planning for the division and supervises organic and attached engineer units.

b. Furnishes general engineer support, primarily construction, repair, and maintenance of aircraft landing sites for USAF military medium-cargo and all Army aircraft, fords, culverts, and cross-gap bridging.

c. Assists in the removal and emplacement of obstacles, including mines and boobytraps.

d. Provides ADM support, when required, by the attachment of TOE 5—570H ADM teams.

e. Provides engineer reconnaissance and intelligence service.

f. Furnishes personnel and equipment for purification and dispensing of potable water.

g. Assists in the assault of fortified positions and assault demolition of obstacles.

h. Gives technical assistance to other troop units of the division in the construction of obstacles, fortifications, barrier emplacement, camouflage, deception devices, and other engineer matters.

i. Conducts infantry-type combat missions, when required.

j. Performs organizational maintenance on organic equipment.

Mobility. For mobility of the components of this battalion, see Section I, General, of each applicable TOE.

Strength.

a. Level 1: Off 40 WO 2 EM 678 Aggr 720
b. Level 2: Off 30 WO 2 EM 623 Aggr 655
c. Level 3: Off 29 WO 2 EM 560 Aggr 591

Summary of equipment. See table 2—25.

TOE 5—216H HHC, Engr Bn (8)

Mission. a. To provide an engineer special staff section for the division and command and staff for the engineer battalion, air assault division.

b. To provide limited administration, communications, reconnaissance, maintenance support, mess, supply, and unit-level medical support for the engineer battalion.

c. To undertake and carry out combat missions of an HHC, when required.

Assignment. Organic to engineer battalion, air assault division, TOE 5—215H.

Capabilities. a. Provides staff planning and supervision of engineer operations within the division, including that required for the operations of attached engineer troops.

b. Furnishes engineer reconnaissance and intelligence service and operates the battalion communication system.

c. Provides five water purification and distribution points for the supply of potable water.

d. Furnishes ADM support, when required, by the attachment of TOE 5—570H ADM teams.

e. Provides unit-level medical support, to include medical care and evacuation for the battalion, establishes an aid station, and furnishes aidmen to battalion units.

f. Provides engineer equipment support for the combat engineer companies.

Mobility. a. Sixty percent mobile in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a. Level 1: Off 20 WO 2 EM 218 Aggr 240
b. Level 2: Off 14 WO 2 EM 199 Aggr 215
c. Level 3: Off 13 WO 2 EM 176 Aggr 191

Summary of equipment. See table 2—25.

TOE 5—217H Engr Co, Engr Bn (8)

Mission. a. To provide combat support for the engineer battalion, air assault division, by accomplishing general and special engineer tasks.

b. To undertake and carry out infantry combat missions, when required.

Assignment. Organic to engineer battalion, air assault division, TOE 5—215H.

Capabilities. a. Accomplishes combat engi-

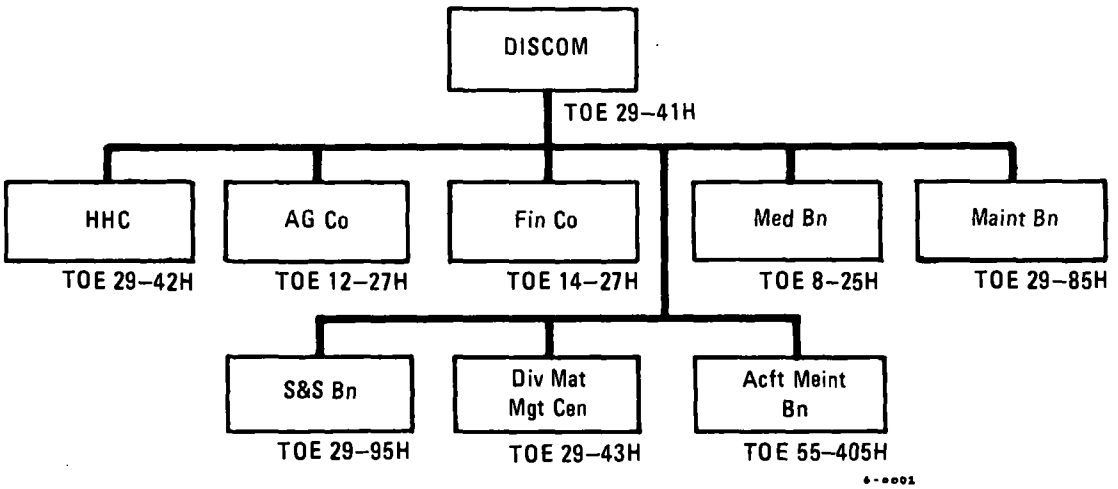

Figure 2—10. Division support command, air assault division.

TOE 29–41H DISCOM (No change)

Mission. To provide division-level combat service support to all assigned or attached elements of the division, except for military police service, communications, and construction, and those administrative services provided by special staff sections in the administration company.

Assignment. Organic to air assault division, TOE 67H.

Capabilities. a. Provides division-level combat service support, to include—

(1) Requisition, receipt, storage, and distribution of all classes of supplies, excluding water production and COMSEC materiel.

(2) Direct support maintenance, except for medical and cryptographic items.

(3) Medical support, to include evacuation of patients, medical (and emergency dental) treatment, medical supply, and organizational maintenance for medical equipment.

(4) Graves registration service, when appropriate teams from TOE 10—500H are attached.

(5) Air equipment supply maintenance support to the division.

(6) Music for division functions.

b. Advises the division commander on combat service support activities and provides technical supervision of functions within those areas represented by units of the command.

c. Depends on nonorganic aircraft to supplement organic aircraft and surface transportation required to move personnel and supplies.

Mobility. For mobility of the organizational components of this organization, see section I of the respective TOE's.

Strength.

a. Level 1:	Off 200	WO 63	EM 2,396	Aggr 2,659
b. Level 2:	Off 193	WO 61	EM 2,272	Aggr 2,526
c. Level 3:	Off 177	WO 58	EM 2,066	Aggr 2,301

Summary of equipment. See table 2—26.

TOE 29–42H HHC, DISCOM (8)

Mission. a. To provide command and control of DISCOM organic and attached units, except for operational control of the division special staff elements of the adjutant general company, TOE 12—27H.

b. To insure adequate combat service support to the division and attached units in areas of responsibility.

c. To provide technical supervision of all combat service support functions within the division in the functional areas represented by its supporting units.

Assignment. Organic to support command, air assault division, TOE 29—41H.

Capabilities. a. Plans for, supervises, and controls combat service support operations conducted by elements of DISCOM.

b. Advises the division commander on combat service support operations and provides technical supervision over the conduct of logistic and administrative service functions throughout the division, within the functional areas represented by its operating units.

c. Coordinates and exercises administrative control over the functional areas represented by its operating units.

d. Determines requirements for, processes, maintains records on, and controls distribution of all classes of supplies, repair parts, and aircraft parts and supplies, except for medical supplies and class V.

e. Plans and controls use of organic aircraft and surface transportation and insures that nonorganic aircraft and surface transportation specifically allocated or attached for logistic and administrative missions are effectively employed.

f. Directs the training of personnel and units of DISCOM.

g. Supervises unit administration and supply activities within DISCOM.

Mobility. a. Thirty percent mobile in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a. Level 1: Off 32 WO 3 EM 121 Aggr 156
b. Level 2: Off 30 WO 3 EM 108 Aggr 141
c. Level 3: Off 25 WO 3 EM 102 Aggr 130

Summary of equipment. See table 2—26.

TOE 12—27H AG Co, DISCOM, AASLT Div (10)

Mission. a. To provide centralized personnel and administrative support services, less finance services, to all personnel and units assigned or attached to the division.

b. To promote and maintain the morale and esprit de corps of troops by providing suitable music for military formations, light concerts, and recreation activities.

c. Provides support to Army community relations program.

d. To provide an element of the division headquarters rear echelon.

Assignment. Organic to support command, air assault division, TOE 29—41H.

Capabilities. a. Provides logistic support of and plans for tactical security for staff agencies assigned the company.

b. Provides division-level personnel and administrative support for all personnel assigned or attached to the division.

c. Provides company-level personnel and administrative support for personnel assigned to the company.

d. Provides mess facilities for personnel assigned, attached, or located in the division HQ rear echelon.

e. Has the capacity to receive, control, and administratively process up to 300 individuals at any given time. This may be any combination of personnel arriving as replacements, returning from the hospital, or departing for rotation or other purposes. Additionally, the replacement detachment can control any number of replacement TOE units that have their own mess capability.

f. Can operate a separate mess facility for personnel processing through the replacement detachment when the AG deems this necessary.

g. Depends on the signal battalion, TOE 11—205H, for communications.

h. When a combat maneuver battalion or artillery unit is transferred or detached from the

division, a personnel team from the personnel service division, AG section, will be transferred with or attached to the maneuver battalion or artillery unit, as appropriate. This personnel team will be composed of those personnel who regularly maintain the maneuver battalion or artillery unit records in the personnel service division.

Mobility. a. Five percent mobile in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a. Level 1: Off 13 WO 6 EM 266 Aggr 285
b. Level 2: Off 13 WO 6 EM 239 Aggr 258
c. Level 3: Off 10 WO 6 EM 214 Aggr 230

Summary of equipment. See table 2–26.

TOE 14–27H Fin Co, DISCOM (10)

Mission. To provide finance services to all units assigned or attached to the division.

Assignment. Organic to support command, air assault division, TOE 29–41.

Capabilities. a. Provides finance services to divisional elements and assigned divisional elements located in forward areas as required.

b. Forms forward support teams to provide financial service to divisional elements located in forward areas as required.

c. Under level 1, this unit is designed to support approximately 16,900 troops.

Mobility. a. One percent mobile in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a. Level 1: Off 8 WO 0 EM 104 Aggr 112
b. Level 2: Off 7 WO 0 EM 96 Aggr 103
c. Level 3: Off 6 WO 0 EM 92 Aggr 98

Summary of equipment. See table 2–26.

TOE 29–43H Div Mat Mgt Cen, DISCOM (8)

Mission. To provide supply management of all division materiel less class VIII, COMSEC equipment, rail mission-type equipment, and classified maps.

Assignment. Organic to support command, air assault division, TOE 29–41.

Capabilities. a. Provides supply management for classes I (includes water distribution), II (includes unclassified map supply), III, IV, V, VI, VII, and IX supplies, less COMSEC equipment, rail mission-type equipment, and classified maps.

b. Determines requirements for development and technical supervision of—

(1) Division authorized stockage lists.

(2) Division operational readiness items list.

c. Procures and directs the distribution of all supplies received by the division for which the center is responsible.

d. With ADP support provided by the division data center:

(1) Manages the division master property records and maintains the division property book.

(2) Maintains the Army equipment status reporting data and manages the Army equipment status reporting system for the division.

(3) Manages the division class IX (repair parts) supply system to include development, approval, and maintenance of ASL's and PLL's.

e. Operates on a 24-hour basis.

Mobility. a. Twenty percent mobile in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a. Level 1: Off 16 WO 12 EM 139 Aggr 167
b. Level 2: Off 16 WO 12 EM 132 Aggr 160
c. Level 3: Off 16 WO 11 EM 111 Aggr 138

Summary of equipment. See table 2—26.

TOE 8—25H Med Bn, DISCOM (No change)

Mission. To provide division- and unit-level medical support, as required, to divisional units.

Assignment. Organic to support command, air assault division, TOE 29—41H.

Capabilities. a. Provides aeromedical and limited ground evacuation.

b. Provides air crash rescue support on an area basis.

c. Performs clearing station treatment.

d. Manages psychiatric problems.

e. Provides unit-level medical support, as required, on an area basis.

f. Provides division-level medical supply and medical equipment maintenance support.

Mobility. For mobility of the components of this battalion, see Section I, General, of each applicable TOE.

Strength.

a. Level 1: Off 66 WO 16 EM 314 Aggr 396
b. Level 2: Off 62 WO 14 EM 289 Aggr 365
c. Level 3: Off 56 WO 12 EM 254 Aggr 322

Summary of equipment. See table 2—26.

TOE 8—26H HQ & Spt Co, Med Bn (8)

Mission. a. To provide command, control, administration, and logistic support for the medical battalion and to plan for its employment.

b. To provide division-level medical support, as required, on an area basis to divisional units operating in the division base area.

Assignment. Organic to medical battalion, support command, air assault division, TOE 8—25H.

Capabilities. a. Provides staff planning for medical battalion participation in providing medical support to division operations.

b. Commands, controls, and supervises division- and unit-level medical support rendered by elements of the medical battalion and attached units.

c. Provides division-level medical supply support and organizational medical equipment maintenance support for units organic or attached to the division.

d. Provides battalion-level organizational maintenance for aircraft, vehicles, and communication equipment of organic elements.

e. Performs divisionwide aeromedical evacuation; in-flight treatment of patients; and air delivery of whole blood, biologicals, medical supplies, and medical personnel.

f. Provides divisionwide air crash rescue support on an area basis.

g. Receives, sorts, and temporarily provides medical and surgical treatment for 40 patients.

h. Manages psychiatric problems.

i. Performs emergency dental service for units operating in the division base area.

j. Provides unit-level medical support on an area basis to division base units having no organic medical element.

k. Support company elements may be used in an emergency to replace or augment medical company elements operating in support of brigades when the division base has been provided medical support by the next echelon of medical service.

Mobility. a. Thirty percent mobile in organic vehicles.

f. Depends on other units for medical, dental, personnel administrative, and religious services.

Mobility. a. Twenty percent mobile in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a.	Level 1:	Off 14	WO 3	EM 192	Aggr 209
b.	Level 2:	Off 14	WO 3	EM 191	Aggr 208
c.	Level 3:	Off 14	WO 3	EM 188	Aggr 205

Summary of equipment. See table 2—27.

TOE 29–87H Fwd Spt Co, Maint Bn (8)

Mission. To provide direct support supply and maintenance service for all equipment (except medical, cryptographic, aircraft, and aircraft armament) for one air assault division brigade and other units located in the brigade area.

Assignment. Organic to maintenance battalion, support command, air assault division, TOE 29—85H.

Capabilities. a. Provides direct support supply and maintenance and technical assistance to one air assault division brigade and to other units located in the brigade area.

b. Assists supported units in the recovery of materiel to the extent permitted by mission priorities and personnel and equipment limitations. Arranges for the evacuation of materiel, as necessary, to the main support company.

c. Maintains a limited stock of repair parts for issue to supported units.

d. Operates the maintenance collecting point in the brigade area.

e. Depends on other units for medical, dental, religious, personnel administrative, and messing support.

Mobility. a. Thirty percent mobile in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a.	Level 1:	Off 4	WO 1	EM 90	Aggr 95
b.	Level 2:	Off 4	WO 1	EM 90	Aggr 95
c.	Level 3:	Off 4	WO 1	EM 90	Aggr 95

Summary of equipment. See table 2—27.

TOE 9–558H Ord Msl Spt Det, Maint Bn (7)

Mission. To provide direct support maintenance for divisional land combat missile and light air defense gun electronic systems, and the forward area alerting radar (FAAR). Includes nonexplosive guidance and control components, system electronics, missile ground guidance, launching and handling equipment, and related items. Provides system peculiar repair parts to supported units.

Assignment. Organic to maintenance battalion, air assault division, TOE 29—85.

Capabilities. a. Plans and directs all direct support maintenance for all land combat missile systems, light air defense gun electronics, and surveillance radars and their related peculiar items in the division.

b. Receives, stores, and issues repair parts for all land combat missile systems, light air defense gun electronics, and surveillance radar systems in the division.

c. Provides contact team support for Vulcan electronics, FAAR radars, TOW and Dragon systems.

d. Provides for operation and repair of one LCSS set in support of 168 Dragon and 60 TOW missile systems and associated equipment.

e. Provides tool and test equipment for test and repair for 48 Vulcan gun electronics, 8 FAAR and 130 TADDS units, and their associated equipment.

f. Provides quality assurance/quality control inspection for system equipment supported.

Mobility. a. Thirty percent mobile in organic vehicles.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a. Level 1:	Off 2	WO 2	EM 60	Aggr 64
b. Level 2:	Off 2	WO 2	EM 54	Aggr 58
c. Level 3:	Off 2	WO 2	EM 47	Aggr 51

Summary of equipment. See table 2–27.

TOE 55–405H Trans Acft Maint Bn (No change)

Mission. To provide aircraft direct support maintenance, to include avionic and armament maintenance, and repair parts support for aircraft organic to the air assault division.

Assignment. Organic to support command, air assault division, TOE 29–41H.

Capabilities. a. Accomplishes approximately 95 percent of the aircraft, aircraft armament, and avionic direct support maintenance required for aircraft organic to the air assault division. This maintenance capability—

(1) Provides 137,360 man-hours per month for aircraft support maintenance.

(2) Provides 9,696 man-hours per month for avionic support maintenance.

(3) Provides 3,232 man-hours per month for aircraft armament system support maintenance.

b. Provides repair parts supply to supported units.

Mobility. Mobility of units organic to this battalion is included in appropriate component TOE extracts.

Strength.

a. Level 1:	Off 16	WO 16	EM 528	Aggr 560
b. Level 2:	Off 16	WO 16	EM 522	Aggr 554
c. Level 3:	Off 16	WO 16	EM 471	Aggr 503

Summary of equipment. See table 2–27.

TOE 55–406H HHD, Trans Acft Maint Bn (6)

Mission. To provide command, control staff planning, and supervision of assigned or attached aircraft maintenance and supply companies.

Assignment. Organic to transportation aircraft maintenance and supply battalion, support command, air assault division, TOE 55–405H.

Capabilities. a. Provides command, control, staff planning, and administrative supervision for from two to five aircraft maintenance supply companies.

b. Provides supervision for subordinate units in matters of administration, supply, maintenance, training, and communications.

c. Provides battalion communication system, including wire and radio.

d. Provides a radar repair section that is attached to a subordinate company for operational control.

e. Depends on one of the attached companies for motor maintenance facilities.

Mobility. a. Twenty percent mobile in organic transportation.

b. One hundred percent air transportable in Army and/or Air Force aircraft.

Strength.

a. Level 1:	Off 6	WO 2	EM 30	Aggr 38
b. Level 2:	Off 6	WO 2	EM 30	Aggr 38
c. Level 3:	Off 6	WO 2	EM 27	Aggr 35

Summary of equipment. See table 2–27.

TOE 55–407H Trans Acft Maint Co, Trans Acft Maint Bn (7)

Mission. To provide aircraft direct support maintenance, to include avionic and aircraft armament maintenance, and repair parts support for aircraft organic to an air assault division.

Assignment. Organic to transportation aircraft maintenance and supply battalion, support command, air assault division, TOE 55–405H.

Capabilities. a. Provides 34,340 man-hours per month for aircraft support maintenance,

f. This unit is capable of performing organizational maintenance on organic equipment.

g. Individuals of this unit, except medical personnel, can engage in effective, coordinated defense of the unit's area or installation.

Mobility. One hundred percent mobile in organic vehicles.

Strength.

a. Level 1: Off 45 WO 8 EM 885 Aggr 938
b. Level 2: Off 44 WO 8 EM 813 Aggr 865
c. Level 3: Off 37 WO 8 EM 724 Aggr 769

Summary of equipment. See tables 2—35 and 2—36.

Table 2—1. Summary of Equipment—Type of Armored Division (with Mobile Assault Bridge)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	*LIN*	*Nomenclature*	*HHC (17-4H)*	*MP co (19-27H)*	*Div avn co (17-87H)*	*Sig bn (11-35H)*	*Engr bn (5-145H)*	*Three bde HHC (17-42H) (ea)*	*Armd cav sqdn (17-105H)*	*Div arty (6-300H)*	*DISCOM (29-21H)*	*ADA bn (44-325H)*	*Six tank bn (17-35H) (ea)*	*Five inf bn (mech) (7-45H) (ea)*	*Div total (17H)*
		Class IIA—Air													
2	A21383	Aerial recovery kits for Army aircraft	0	0	0	0	0	0	0	0	2	0	0	0	2
3	M02470	Maint platform hyd adj to 10 ft high, 44½-in wide	0	0	1	0	0	0	3	0	0	0	0	0	4
4	M02504	Maint platform hyd adj type, 3 to 7 ft high	0	0	1	0	0	1	3	2	0	0	0	0	9
		Class IIB—Troop Support													
5	K39774	Hoisting unit trk mountings, organizational maint set no 7	0	1	0	0	0	0	0	1	1	0	0	0	3
6	L64542	Lt set, op area acft, ½ kw heliport (Army)	0	0	1	0	0	0	1	1	1	0	0	0	4
7	P92030	Pump cntrf, gas drvn, frame mtd, 2-in, 125 GPM 50-ft hd	0	0	0	0	5	0	0	0	0	0	0	0	5
8	T10600	Shop equip, guided missile, aux equip maint (Chaparral)	0	0	0	0	0	0	0	0	0	2	0	0	2
9	V84014	Test set, radar AN/TPM-23 (VADS)	0	0	0	0	0	0	0	0	0	2	0	0	2
10	W32867	Shop equip, auto maint and repair, org sup no 1, less power	1	1	1	0	1	1	1	1	9	5	3	4	61
11	W67843	Torch outfit, cutting and welding, set 2	0	0	0	0	4	0	0	0	0	0	0	0	4
12	Z13157	Card punch mach and ADPE	0	0	0	0	0	0	0	0	4	0	0	0	4
13	Z74660	Sorter, ADPE	0	0	0	0	0	0	0	0	1	0	0	0	1
14	F77651	CS3, Data Analysis Central, OL-88(V) 1/MYK-8(V)	0	0	0	0	0	0	0	0	1	0	0	0	1
15	F77918	CS3, Data Storage Group, OL-89(V) 1/MYK-8(V)	0	0	0	0	0	0	0	0	1	0	0	0	1
16	F77964	CS3, Data Support Facility, Mobile, V-460/MYK-8(V)	0	0	0	0	0	0	0	0	1	0	0	0	1
17	M57481	CS3, Maintenance Shop Facility, Mobile V-452/MYK-8(V)	0	0	0	0	0	0	0	0	1	0	0	0	1
18	U43735	CS3, Storage Facility, Mobile, V-483/MYK-8(V)	0	0	0	0	0	0	0	0	1	0	0	0	1
19	J35801	CS3, Generator, Diesel Engine, 100 kw, 60 hz, mounted on M353, PU-495	0	0	0	0	0	0	0	0	2	0	0	0	2
20	X59326	CS3, truck tractor, 5 ton, 6x6 w/e, M818	0	0	0	0	0	0	0	0	2	0	0	0	2
		Class IIE—General Supply													
21	G68966	Drum, fabric, collapsible, liquid—fuel 500-gal capacity	0	0	6	0	0	0	6	0	27	0	0	0	39
		Class IIG—Electronics													
22	C68719	Cable telephone, WO-1/TT OR-8 132U ft	0	3	12	61	32	4	139	421	21	320	118	114	2,299
23	C68856	Cable telephone, WD-1/TT RL-159U, 5,280 ft	0	3	4	109	23	40	0	320	35	24	2	6	680
24	C68993	Cable telephone, WD-1/TT 2 cond, fld wire	0	0	0	0	23	20	20	158	0	0	0	42	471
25	R30662	Receiver-transmitter con gp, AN/GRA-6	0	0	0	2	0	1	1	0	0	5	0	0	11
26	U82529	Switchboard telephone, manual and SB-993/GT	0	0	0	0	12	0	0	2	10	12	4	6	90
27	V30937	Telephone set, TA-264/PT	0	0	0	0	0	0	2	7	5	0	0	0	14
		Class IIW—Ground													
28	C29490	Bucket, clamshell, ¾ cu yd	0	0	0	0	2	0	0	0	0	0	0	0	2
29	C30997	Bucket, dragline, ¾ cu yd	0	0	0	0	1	0	0	0	0	0	0	0	1
		Class VIIA—Air													
30	K29660	Helicopter, attack, AH-1G	0	0	0	0	0	0	9	0	0	0	0	0	9
31	K31042	Helicopter, observation, OH-58A	0	0	6	0	0	4	10	14	0	0	0	0	42
32	K31795	Helicopter, utility, UH-1H	0	0	4	0	0	0	8	0	1	0	0	0	13

Table 2–1. Summary of Equipment–Type of Armored Division (with Mobile Assault Bridge)–Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1 *LIN*	*Nomenclature*	*HHC (17-4H)*	*MP co (19-27H)*	*Div avn co (17-87H)*	*Sig bn (11-35H)*	*Engr bn (5-145H)*	*Three bde HHC (17-42H) (ea)*	*Armd cav sqdn (17-105H)*	*Div arty (6-300H)*	*DISCDM (29-21H)*	*ADA bn (44-325H)*	*Six tank bn (17-35H) (ea)*	*Five inf bn (mech) (7-45H) (ea)*	*Div total (17H)*
33 T17093	Shop set, acft maint, ambl & UH-1/OH-6, co size, DS	0	0	0	0	0	0	1	0	0	0	0	0	1
34 W62611	Tool set, avn unit maint set no 1, ambl	0	0	1	0	0	1	3	2	0	0	0	0	9
35 W93995	Trailer, acft maint, ambl 4-wheeled, 30/48-in, trf rail system	0	0	0	0	0	0	0	0	6	0	0	0	6
36 X23227	Transporter, ambl, hyd lift for shelter and X-4 container	0	0	0	0	0	1	3	1	0	0	0	0	7
	Class VIIB–Troop Support													
37 C25757	Bridge, floating, raft sec, light, tactical	0	0	0	0	2	0	0	0	0	0	0	0	2
38 E67735	Compressor, RCP, power drvn, base, AC 115V-60 cy, 1 ph, 1.5 CFM, 50 PSI	0	0	0	0	0	0	0	0	3	0	0	0	3
39 E69242	Compressor, RCP, power drvn, air rec gas drvn, 15 CFM, 175 PSI	0	0	0	1	1	0	1	5	5	0	1	1	24
40 E70064	Compressor, RCP, power drvn, trk 2-wheeled pneu tires, gas drvn, 5 CFM, 175 PSI	1	1	1	3	5	1	5	24	13	5	5	4	111
41 E70201	Compressor, RCP, power drvn, trk 2-wheeled pneu tires, gas drvn, 8 CFM, 175 PSI	0	0	1	0	0	1	1	1	0	0	0	0	6
42 E70817	Compressor, RCP, power drvn, air wheel, gas drvn, 4 CFM, 3,000 PSI	0	0	0	0	0	0	0	0	1	0	0	0	1
43 E73626	Compressor, rotary power drvn, air whbrw frame-2 pneu tires, gas drvn, 60 CFM, 6.5 PSI	0	0	0	0	2	0	0	0	3	0	0	0	5
44 G02204	Detecting set, mine, ptbl, metallic and nonmetallic	0	4	0	7	59	0	10	24	6	5	5	1	150
45 G02341	Detecting set, mine, ptbl, metallic (AN/PSS-11)	0	4	0	13	49	0	10	24	6	5	5	3	156
46 G32473	Diving equip set, 1 person, scuba, open circuit	0	0	0	0	3	0	0	0	0	0	0	0	3
47 H38787	Ferry conversion set, raft, inf spt	0	0	0	0	2	0	0	0	0	0	0	0	2
48 H94824	Fwd area refueling equip (FARE)	0	0	2	0	0	0	2	0	4	0	0	0	8
49 J04716	Fuel sys sup pt, ptbl, 60,000 gal cap	0	0	0	0	0	0	0	0	1	0	0	0	1
50 J35492	Generator set, dsl eng, tlr mtd, 15 kw, 60 hz, mtd on M200, PU-405	0	0	0	1	0	0	0	0	0	0	0	0	1
51 J35629	Generator set, dsl eng, tlr mtd, 60 kw, 60 hz, mtd on M200, PU-650	0	0	0	0	0	0	0	0	4	0	0	0	4
52 J35835	Generator set, dsl eng, 15 kw, 60 hz, 3 ph, AC 120/208 240/416V, skid, tac util	2	0	0	0	0	0	0	0	2	0	0	0	4
53 J36109	Generator set, dsl eng, 30 kw, 60 hz, 3 ph, AC 120/208 240/416V, 50 hz, tac util	0	0	0	0	0	0	0	0	1	0	0	0	1
54 J36383	Generator set, dsl eng, tlr mtd, 30 kw, 60 hz, mtd on M200, PU-406	0	0	2	0	0	0	0	0	1	0	0	0	3
55 J36725	Generator set, dsl eng, 30 kw, AC 120/208-240/416V, 3 ph, 400 hz, tac, precise	0	0	0	0	0	0	0	0	0	2	0	0	2
56 J38301	Generator set, dsl eng, 60 kw, 60 hz, 3 ph, AC 120/208 240/416V, 50 hz, tac util	0	0	0	0	0	0	0	0	4	0	0	0	4
57 J41041	Generator set, gas eng, tlr mtd, PU-253/U	0	0	1	0	0	0	0	0	0	0	0	0	1
58 J41452	Generator set, gas eng, tlr mtd, 10 kw, 400 hz, mtd on M103, PU-304/MPQ-4	0	0	0	0	0	0	0	3	0	0	0	0	3
59 J42100	Generator set, gas eng, tlr mtd, 10 kw, 60 cycle, 1 ph, AC 120/240V, PU-619/M	0	0	1	7	0	0	0	0	0	0	0	0	8

Table 2–1. Summary of Equipment–Type of Armored Division (with Mobile Assault Bridge)–Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	*LIN*	*Nomenclature*	*HHC (17-4H)*	*MP co (19-27H)*	*Div avn co (17-87H)*	*Sig bn (11-35H)*	*Engr bn (5-145H)*	*Three bde HHC (17-42H) (ea)*	*Armd cav sqdn (17-105H)*	*Div arty (6-300H)*	*DISCOM (29-21H)*	*ADA bn (44-325H)*	*Six tank bn (17-35H) (ea)*	*Five inf bn (mech) (7-45H) (ea)*	*Div total (17H)*
60	J42685	Generator set, gas eng, 0.3 kw, AC 115V, 1 ph, 400 hz, DC 24 to 35V	0	0	2	0	0	0	0	1	0	0	0	0	3
61	J42856	Generator set, gas eng, 0.5 kw, 28V, skid-shock, tac util	0	0	0	0	0	0	0	0	0	0	1	0	6
62	J42976	Generator set, gas eng, 0.5 kw, 60 cycle, 1 ph, AC 120/240V, shock mtd	0	0	1	0	0	0	1	1	2	0	0	0	5
63	J43027	Generator set, gas eng, 0.5 kw, 400 hz, 1 ph, AC 120/240V, skid-shock, tac util	0	0	0	0	0	0	6	2	0	0	4	4	52
64	J43918	Generator set, gas eng, 1.5 kw, 60 hz, 1 ph, 2 wire, AC 120V, shock, tac util	1	2	7	7	6	8	10	33	42	14	8	13	259
65	J44055	Generator set, gas eng, 1.5 kw, DC 28V, shock, tac util	0	6	0	4	7	2	5	40	12	19	1	2	115
66	J45699	Generator set, gas eng, 3 kw, 60 hz, 1-3 ph, 120/240 120/208V, skid, tac util	0	0	1	0	16	0	1	0	3	0	0	0	21
67	J45836	Generator set, gas eng, 3 kw, 400 hz, 1-3 ph, AC 120/208/240V, tac util	0	0	0	0	0	0	0	42	0	0	0	0	42
68	J46110	Generator set, gas eng, 3 kw, DC 28V, skid-shock, tblr frame mtd, tac util	1	1	2	2	3	2	4	11	17	10	5	8	127
69	J46258	Generator set, gas eng, tlr mtd, 3 kw, 60 hz, 2 ea mtd on M101, PU-628	0	0	0	14	0	0	0	0	0	0	0	0	14
70	J46384	Generator set, gas eng, tlr mtd, 3 kw, 60 hz, 2 ea mtd on M101, PU-617	0	0	0	17	0	2	0	0	0	0	0	0	23
71	J47068	Generator set, gas eng, 5 kw, 60 hz, 1-3 ph, AC 120/240 120/208V, skid, tac util	0	0	0	0	0	0	0	0	10	0	0	1	15
72	J47617	Generator set, gas eng, tlr mtd, 5 kw, 60 hz, 2 ea mtd on M116, PU-620	0	0	0	12	2	0	0	21	0	2	0	0	37
73	J48713	Generator set, gas eng, 5 kw, 400 hz, 1-3 ph, AC 120/240 120/208V, skid, tac util	0	0	0	0	0	0	0	0	0	10	0	0	10
74	J49055	Generator set, gas eng, 7.5 kw, DC 28.5V, whl mtd	0	0	1	0	0	1	3	2	3	0	0	0	12
75	J49398	Generator set, gas eng, 10 kw, 60 hz, 1-3 ph, AC 120/240 120/208V, tac util	0	0	0	0	5	0	0	0	17	0	0	0	22
76	J49809	Generator set, gas eng, tlr mtd, 10 kw, 60 hz, mtd on M101, PU-332	0	0	0	0	0	0	0	0	9	0	0	0	9
77	L01326	Demineralization equip set, water ion exchange, tlr mtd, 3,000-gal	0	0	0	0	0	0	0	0	0	0	0	0	0
78	L43664	Launch, M60 series, tank chassis, transporting, 40 and 60 ft bridge, type cl-60	0	0	0	0	4	0	0	0	0	0	2	0	16
79	L64131	Lt set, marker, emergency, airfield runway, ptbl btry op	0	0	0	0	4	1	1	1	0	0	0	0	9
80	L85420	Lub svc unit, power op, tlr mtd, 15 cu ft, air compressor, gas drvn, wzd	0	0	0	0	1	0	0	0	0	0	0	0	1
81	P11866	Pneumatic tool and compressor outfit, 250 CFM, tlr mtd	0	0	0	0	5	0	0	0	0	0	0	0	5
82	P91756	Pump, cntrf, gas drvn, frame mtd, 1½-in, 65 gallons per min, 50-ft hd	0	0	0	0	6	0	0	0	0	0	0	0	6
83	P96640	Pumping assembly, flammable liquid, bulk transfer	0	0	0	0	0	0	0	1	0	0	0	0	1
84	T10138	Shop equip, contact maint, trk mtd	0	0	0	0	2	0	0	0	11	0	0	0	13

Table 2–1. Summary of Equipment–Type of Armored Division (with Mobile Assault Bridge)–Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	*LIN*	*Nomenclature*	*HHC (17-4H)*	*MP co (19-27H)*	*Div avn co (17-87H)*	*Sig bn (11-35H)*	*Engr bn (5-145H)*	*Three bde HHC (17-42H) (ea)*	*Armd cav sqdn (17-105H)*	*Div arty (6-300H)*	*DISCOM (29-21H)*	*ADA bn (44-325H)*	*Six tank bn (17-35H) (ea)*	*Five inf bn (mech) (7-45H) (ea)*	*Div total (17H)*
85	T10275	Shop equip, elec rep, stlr mtd, Army	0	0	0	0	0	0	0	0	1	0	0	0	1
86	T10412	Shop equip, elec rep, stlr mtd, Army	0	0	0	0	0	0	0	0	1	0	0	0	1
87	T13152	Shop equip, org rep, lt trk mtd	0	0	0	0	1	0	0	0	0	0	0	0	1
88	U69083	Surveying instrument azimuth, gyro lt wt (SIAGL)	0	0	0	0	0	0	0	8	0	0	0	0	8
89	U69357	Surveying instrument, dis meas, electronic mwave, minatzd purpose	0	0	0	0	0	0	0	9	0	0	0	0	9
90	V12141	Tank and pump unit, liquid dispensing, trkmounting	0	0	2	1	1	1	3	7	8	9	4	1	63
91	V19950	Tank unit, liquid dispensing, tlr mounting	0	0	0	1	1	0	3	5	5	8	4	1	52
92	V71450	Test set, computer, logic unit	0	0	0	0	0	0	0	6	1	0	0	0	7
93	W07701	Theodolite, survey, direct 0 002-mil, 30 porm, 5 power detach tribrch	0	0	0	0	0	0	0	6	1	0	0	0	7
94	W07838	Theodolite survey, direct, 0.2 mil w/tripod and carrying case	0	0	0	0	0	0	0	14	0	0	0	0	14
95	W32593	Shop equip, auto maint, and rep, om common no 1, less power	1	1	1	3	5	1	5	24	13	5	5	4	111
96	W32730	Shop equip, auto maint and rep, om common no 2, less power	0	0	0	1	1	0	1	5	2	0	1	1	21
97	W65747	Tool set, veh full tracked, org maint sup no 2, less power	0	0	0	0	1	1	1	4	0	4	1	5	44
98	Y35486	Water purif equip set, trk mtd, diatomite filter, 1,500 gal per hour (Army)	0	0	0	0	5	0	0	0	0	0	0	0	5
		Class VIIG–Electronics													
99	A28833	Acft con central, AN/TSQ-70, less power	0	0	1	0	0	0	0	0	0	0	0	0	1
100	B67423	Binocular, electronic, AN/PAS-5	0	0	0	0	16	0	0	0	0	0	0	0	16
101	C69541	Cable telephone, WF-16/U	0	2	0	0	0	0	0	10	0	16	0	0	28
102	H76352	Flight coordination, central, AN/TSC-61, less power	0	0	1	0	0	0	0	0	0	0	0	0	1
103	L36402	Landing control, central, AN/TSQ-71, less power	0	0	1	0	0	0	0	0	0	0	0	0	1
104	M36739	Meteorological station, manual, AN/TMQ-4	0	0	0	0	0	0	0	1	0	0	0	0	1
105	N04730	Night vision sight, individual servep weapon, AN/PVS-2	0	0	0	0	39	0	99	0	0	0	11	62	514
106	N15518	Night vision sight, tripod mounted, AN/TVS-4	0	0	0	0	0	0	3	4	0	0	6	9	88
107	Q15414	Radar set, AN/MPQ-4, less power	0	0	0	0	0	0	0	3	0	0	0	0	3
108	Q17332	Radar set, AN/TPS-25, less power	0	0	0	0	0	0	0	1	0	0	0	0	1
109	Q32756	Radio set, AN/GRC-106	1	0	0	2	0	1	6	1	0	5	0	0	18
110	Q34308	Radio set, AN/GRC-160	2	1	0	0	46	0	30	57	1	0	20	114	827
111	Q38299	Radio set, AN/PRC-77	0	0	0	0	9	3	20	24	0	6	0	14	138
112	Q38335	Radio set, AN/PRC-90	0	0	20	0	0	8	54	28	2	0	0	0	128
113	Q45779	Radio set, AN/VRC-12	0	0	0	0	0	0	23	0	0	0	28	3	206
114	Q52394	Radio set, AN/VRC-44	0	0	0	0	0	0	0	0	0	16	0	0	16
115	Q53001	Radio set, AN/VRC-46	7	50	0	20	11	8	32	98	18	32	20	9	457
116	Q54174	Radio set, AN/VRC-47	5	0	2	7	23	4	18	30	19	57	17	18	365
117	Q55114	Radio set, AN/VRC-49	0	0	0	6	5	1	1	18	0	0	1	1	44
118	Q56783	Radio set, AN/VRC-64	0	0	0	0	30	2	46	10	5	0	41	14	413
119	Q78282	Radio set, con gp, AN/GRA-39	4	5	2	12	7	3	19	151	11	67	24	12	491
120	Q90120	Radio teletypewriter set, AN/GRC-142	0	0	0	12	2	0	0	21	0	2	0	0	37
121	Q95810	Radiosonde baseline check set, AN/GMM-1A	0	0	0	0	0	0	0	1	0	0	0	0	1

Table 2–1. Summary of Equipment–Type of Armored Division (with Mobile Assault Bridge)–Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	*LIN*	*Nomenclature*	*HHC (17-4H)*	*MP co (19-27H)*	*Div avn co (17-87H)*	*Sig bn (11-35H)*	*Engr bn (5-145H)*	*Three bde HHC (17-42H) (ea)*	*Armd cav sqdn (17-105H)*	*Div arty (6-300H)*	*DISCOM (29-21H)*	*ADA bn (44-325H)*	*Six tank bn (17-35H) (ea)*	*Five inf bn (mech) (7-45H) (ea)*	*Div total (17H)*
122	R16476	Rawin set, AN/GMD-1	0	0	0	0	0	0	0	1	0	0	0	0	1
123	R29799	Receiver set, radio, AN/PRR-9	0	8	0	0	0	0	0	0	0	0	0	45	233
124	R50043	Recording set, weather data, AN/TMQ-5	0	0	0	0	0	0	0	1	0	0	0	0	1
125	U81707	Switchboard, telephone, manual, S8-22/PT	0	1	1	7	7	2	5	39	8	4	3	7	131
126	U82255	Switchboard, telephone, manual, S8-86/P	0	0	0	0	0	0	0	2	0	1	0	0	3
127	V30252	Telephone set, TA-1/PT	0	0	0	0	52	0	33	24	10	40	22	77	676
128	V31211	Telephone set, TA-312/PT	0	11	19	285	52	20	38	567	134	229	38	63	1,938
129	V38758	Teletypewriter, TT-537/G	0	0	0	0	0	0	0	4	0	0	0	0	4
130	V57914	Terminal telegraph-telephone, AN/TCC-29	0	0	1	6	0	2	0	2	0	0	0	0	15
131	X17820	Transmitter set, radio, AN/PRT-4	0	8	0	0	0	0	0	0	0	0	0	45	233
132	Y54817	Wind measuring set, AN/PMQ-6	0	0	0	0	0	0	0	4	0	0	0	0	4
		Class VIIK–Tactical Vehicles													
133	A93125	Armored reconnaissance airborne-assault vehicle, full tracked, 152-mm	0	0	0	0	0	0	27	0	0	0	0	0	27
134	D10726	Carrier, 81-mm mort, full tracked (less mort)	0	0	0	0	0	0	0	0	0	0	0	9	45
135	E02670	Chassis tlr, gp, 3½-ton, 2-wheeled, WE	0	0	0	0	0	0	0	0	1	0	0	0	1
136	E02807	Chassis, tlr, generator, 2½-ton, 2-wheel, WE	0	0	0	0	0	0	0	0	1	2	0	0	3
137	E56578	Cbt eng veh, full tracked	0	0	0	0	8	0	0	0	0	0	0	0	8
138	K90188	Instrument repair shop, truck mounted, 2½-ton, 6x6, WE	0	0	0	0	0	0	0	0	6	0	0	0	6
139	S70243	Semitrailer, low bed, wrecker 12-ton, 4-wheeled, 40-ft, WE	0	0	0	0	0	0	0	0	1	0	0	0	1
140	S70517	Semitrailer, low bed, 25-ton, 4-wheeled, WE	0	0	0	0	10	0	0	0	0	0	0	0	10
141	S72024	Semitrailer, stake, 12-ton, 4-wheeled, WE	0	0	0	0	0	0	0	0	37	0	0	0	37
142	S72983	Semitrailer, tank, fuel servicing, 5,000-gal, 12-ton, 4-wheeled, WE	0	0	0	0	0	0	0	0	30	0	0	0	30
143	S74079	Semitrailer, van, cargo, 12-ton, 4-wheeled, WE	0	0	0	0	0	0	0	0	7	0	0	0	7
144	S74490	Semitrailer, van, expansible, 6-ton, 4-wheeled (Army)	0	0	0	0	0	0	0	0	1	0	0	0	1
145	S74832	Semitrailer, van, repair parts storage, 6-ton, 4-wheeled, WE	0	0	0	0	1	0	0	0	18	0	0	0	19
146	W94030	Trailer, ammunition, 1½-ton, 2-wheeled, WE	0	0	0	0	0	0	2	0	0	0	0	0	2
147	W95263	Trailer, cable, reel, 3½-ton, 2-wheeled, WE	0	0	0	0	2	0	0	0	0	0	0	0	2
148	W95400	Trailer, cargo, ¼-ton, 2-wheeled, WE	13	45	2	18	18	10	16	78	78	31	20	34	619
149	W95537	Trailer, cargo, ¾-ton, 2-wheeled, WE	7	6	4	16	3	0	1	12	22	18	0	0	89
150	W95811	Trailer, cargo, 1½-ton, 2-wheeled, WE	8	2	3	18	66	5	23	50	179	31	19	16	589
151	W98825	Trailer, tank, water, 400-gal, 1½-ton, 2-wheeled, WE	1	0	1	4	6	1	5	24	19	5	5	5	123
152	X38639	Truck, ambulance, ¼-ton, 4x4, WE	2	0	0	0	1	0	0	1	0	0	0	0	4
153	X38776	Truck, ambulance, ¾-ton, 4x4, WE	0	0	0	0	0	0	0	0	32	0	0	0	32
154	X38961	Truck, ambulance, 1¼-ton, 6x6, WE	0	0	0	0	0	0	1	5	0	1	1	1	18
155	X39735	Truck, cargo, ¾-ton, 4x4, WE	7	6	6	27	5	0	0	22	31	10	0	0	114
156	X39883	Truck, cargo, 1¼-ton, 4x4, WE	0	0	0	36	0	0	0	0	0	0	0	0	36
157	X39940	Truck, cargo, 1¼-ton, 6x6, WE	0	0	0	40	19	7	9	87	0	22	7	7	275
158	X40009	Truck, cargo, 2½-ton, 6x6, WE	1	1	4	29	34	3	18	94	159	26	14	14	529
159	X40146	Truck, cargo, 2½-ton, 6x6, w/winch, WE	1	2	2	16	3	1	4	20	11	0	6	2	108
160	X40283	Truck, cargo, 2½-ton, 6x6, XLWB, WE	0	0	0	0	0	0	0	2	0	2	0	0	4

Table 2–1. Summary of Equipment–Type of Armored Division (with Mobile Assault Bridge)–Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	*LIN*	*Nomenclature*	*HHC (17-4H)*	*MP co (19-27H)*	*Div avn co (17-87H)*	*Sig bn (11-35H)*	*Engr bn (5-145H)*	*Three bde HHC (17-42H) (ea)*	*Armd cav sqdn (17-105H)*	*Div arty (6-300H)*	*DISCOM (29-21H)*	*ADA bn (44-325H)*	*Six tank bn (17-35H) (ea)*	*Five inf bn (mech) (7-45H) (ea)*	*Div total (17H)*
161	X40794	Truck, cargo, drop-side, 5-ton, 6x6, WE	0	0	0	0	0	0	0	0	6	0	0	0	6
162	X40831	Truck, cargo, 5-ton, 6x6, LWB, WE	0	0	2	0	0	0	0	5	1	5	0	0	13
163	X40931	Truck, cargo, drop-side, 5-ton, 6x6, w/winch, WE	0	0	0	0	1	0	0	0	0	0	0	0	1
164	X40968	Truck, cargo, 5-ton, 6x6, LWB, w/winch, WE	0	0	0	0	0	0	0	0	0	4	0	0	4
165	X41310	Truck, cargo, 5-ton, 8x8, WE	0	0	0	0	1	1	6	0	0	6	6	6	82
166	X41327	Truck, cargo, 5-ton, 8x8, w/winch, WE	0	0	0	0	0	0	5	0	0	0	0	0	5
167	X41615	Truck, cargo, 8-ton, 4x4, WE	0	0	0	0	0	0	5	72	0	0	5	5	132
168	X43708	Truck, dump, 5-ton, 6x6, WE	0	0	0	0	16	0	0	0	0	0	0	0	16
169	X43845	Truck, dump, 5-ton, 6x6, w/winch, WE	0	0	0	0	6	0	0	0	0	0	0	0	6
170	X57271	Truck, tank, fuel servicing, 2½-ton, 6x6, WE	0	0	4	0	0	0	0	1	0	0	0	0	5
171	X58078	Truck, tank, fuel servicing, 2,500-gal, 4x4, WE	0	0	0	0	4	0	3	6	0	0	0	2	23
172	X58093	Truck, tank, fuel servicing, 2,500-gal, 4x4, w/winch, WE	0	0	0	0	0	0	0	0	0	0	4	0	24
173	X59052	Truck, tractor, 2½-ton, 6x6, WE	0	0	0	0	0	0	0	0	1	0	0	0	1
174	X59326	Truck, tractor, 5-ton, 6x6, WE	0	0	0	0	1	0	0	0	75	0	0	0	76
175	X59463	Truck, tractor, 5-ton, 6x6, w/winch, WE	0	0	0	0	0	0	0	0	1	0	0	0	1
176	X59874	Truck, tractor, 10-ton, 6x6, w/midship winch, w/low mtd 5th whl, WE	0	0	0	0	10	0	0	0	0	0	0	0	10
177	X60696	Truck, tractor, wrecker, 5-ton, 6x6, w/winch, WE	0	0	0	0	0	0	0	0	1	0	0	0	1
178	X60833	Truck, utility, ¼-ton, 4x4, WE	17	45	3	25	19	12	26	123	66	31	34	34	765
179	X62237	Truck, van, expansible, 5-ton, 6x6, WE	4	0	0	1	0	0	0	0	1	0	0	0	6
180	X62340	Truck, van, shop, 2½-ton, 6x6, WE	0	0	1	0	1	0	1	3	37	4	0	0	47
181	X63299	Truck, wrecker, 5-ton, 6x6, w/winch, WE	0	0	0	1	0	0	1	5	5	1	0	0	13
182	X63436	Truck, wrecker, 10-ton, 4x4, WE	0	0	0	0	1	0	2	4	6	0	1	1	24
		Class VIIL–Missiles													
183	D11681	Carrier, guided missile equipment (TOW)	0	0	0	0	0	0	0	0	0	0	0	18	90
184	G22933	Display set, target alert data (FAAR)	0	0	0	0	0	0	6	16	0	60	6	6	148
185	J95533	Guided missile system, intercept, carrier mtd (Chaparral)	0	0	0	0	0	0	0	0	0	24	0	0	24
186	L13998	Jack set, leveling spt launching, station, copter mode (Chaparral)	0	0	0	0	0	0	0	0	0	7	0	0	7
187	L45740	Launcher, tubular, guided missile (TOW)	0	0	0	0	0	0	0	0	0	0	0	18	90
188	Q16046	Radar set, AN/MPQ-49 (FAAR)	0	0	0	0	0	0	0	0	0	8	0	0	8
189	T14440	Shop equipment, guided missile system, AN/TSM-95 (Chaparral)	0	0	0	0	0	0	0	0	0	2	0	0	2
190	V79469	Test set, guided missile system (Chaparral)	0	0	0	0	0	0	0	0	0	2	0	0	2
191	V84002	Test set, radar, AN/MPM-59 OMTS (FAAR)	0	0	0	0	0	0	0	0	0	1	0	0	1
		Class VIIM–Weapons													
192	A22496	Aiming circle	0	0	0	0	0	0	3	45	0	0	2	5	85
193	A89820	Armament pod, aircraft, 7.62-mm machinegun, WO weapon	0	0	0	0	0	0	6	0	0	0	0	0	6
194	A89992	Armament subsystem, helicopter, 20-mm automatic gun	0	0	0	0	0	0	4	0	0	0	0	0	4
195	A90118	Armament subsystem, helicopter, 7.62-mm machine-gun, light, WO, weapons, WE	0	0	4	0	0	0	8	0	1	0	0	0	13

Table 2—1. Summary of Equipment—Type of Armored Division (with Mobile Assault Bridge)—Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	*LIN*	*Nomenclature*	*HHC (17-4H)*	*MP co (19-27H)*	*Div avn co (17-87H)*	*Sig bn (11-35H)*	*Engr bn (5-145H)*	*Three bde HHC (17-42H) (ea)*	*Armd cav sqdn (17-105H)*	*Div arty (6-300H)*	*DISCOM (29-21H)*	*ADA bn (44-325H)*	*Six tank bn (17-35H) (ea)*	*Five inf bn (mech) (7-45H) (ea)*	*Div total (17H)*
196	A90437	Armament subsystem, helicopter, 7.62-mm, machine-gun, 40-mm launcher, hi rate WQ weapons	0	0	0	0	0	0	9	0	0	0	0	0	9
197	E76866	Computer, gun direction	0	0	0	0	0	0	0	20	0	0	0	0	20
198	J96694	Gun, ADA, SP, 20-mm	0	0	0	0	0	0	0	0	0	24	0	0	24
199	L44174	Launcher, grenade, acft 40-mm, left or right hand feed	0	0	0	0	0	0	9	0	0	0	0	0	9
200	L44595	Launcher, grenade, 40-mm, single shot, rifle mtd, detachable WE	0	16	6	8	86	3	82	210	58	68	18	82	1,061
201	L45016	Launcher, rocket, acft, 2.75-in	0	0	0	0	0	0	12	0	0	0	0	0	12
202	L45063	Launcher, rocket, acft, 2.75-in, 19 tube (repairable)	0	0	0	0	0	0	20	0	0	0	0	0	20
203	L45123	Launcher, rocket, multiple, 115-mm	0	0	0	0	0	0	0	9	0	0	0	0	9
204	L45250	Launcher, rocket, 66-mm, 4-tube	0	0	0	0	0	0	10	0	0	0	5	9	85
205	L91838	Machinegun, caliber .50, HB flexible, vehicle mtd	0	0	0	0	42	1	63	129	4	20	17	86	793
206	L91975	Machinegun, caliber .50, H8, flexible for ground use	2	0	0	0	0	3	32	0	0	0	14	26	257
207	L92260	Machinegun, 7 62-mm, acft, light, door mtd	0	0	8	0	0	0	16	0	2	0	0	0	26
208	L92323	Machinegun, 7.62-mm, six barrels	0	0	0	0	0	0	15	0	0	0	0	0	15
209	L92386	Machinegun, 7.62-mm, light, flexible	0	10	3	10	15	0	23	160	58	20	0	49	544
210	M68008	Mortar, 81-mm, on mount	0	0	0	0	0	0	0	0	0	0	0	9	45
211	M68282	Mortar, 4 2-in, on mount	0	0	0	0	0	0	9	0	0	0	4	4	53
212	M75577	Mount, tripod, machinegun, heavy, caliber .50	2	0	0	0	40	3	32	120	0	16	14	106	833
213	M75714	Mount, tripod, machinegun, 7.62-mm	0	5	3	10	15	0	13	160	58	20	0	49	529
214	N82364	Periscope, battery, command	0	0	0	0	0	0	0	20	0	0	1	1	31
215	N96741	Pistol, caliber .45, automatic	39	151	0	12	71	16	253	125	90	22	279	116	3,065
216	Q13770	Radar chronograph set	0	0	0	0	0	0	0	2	0	0	0	0	2
217	R12989	Range finder, fire control, WE (Laser)	0	0	0	0	0	0	9	32	0	0	3	0	59
218	R91107	Revolver, caliber .38, 2-in barrel	0	2	0	0	0	0	0	0	0	0	0	0	2
219	R91244	Revolver, caliber .38, special, 4-in barrel	3	0	27	0	0	5	71	17	10	0	0	0	143
220	R94977	Rifle, 5.56-mm, WE	148	186	69	598	893	87	561	2,488	2,160	560	273	735	13,237
221	R96484	Rifle, recoilless, 90-mm	0	8	0	0	0	0	0	0	0	0	0	0	8
222	U56346	Submachinegun, caliber .45	0	0	0	0	4	2	64	18	0	0	122	13	889
		Class VIIO—Combat Vehicles													
223	D10741	Carrier, 107-mm, mortar, SP (less mortar)	0	0	0	0	0	0	9	0	0	0	4	4	53
224	D11049	Carrier, cargo, tracked, 6-ton	0	0	0	0	0	0	0	66	0	0	0	0	66
225	D11401	Carrier, command and reconnaissance, armored	0	0	0	0	0	0	50	0	0	0	9	11	159
226	D11538	Carrier, command post, light tracked	2	0	0	0	3	4	6	35	0	0	6	6	124
227	D12087	Carrier, personnel, full tracked, armored	0	0	0	0	40	0	25	0	0	16	9	52	395
228	K56981	Howitzer, heavy, SP, 8-in	0	0	0	0	0	0	0	12	0	0	0	0	12
229	K57667	Howitzer, medium, SP, 155-mm	0	0	0	0	0	0	0	54	0	0	0	0	54
230	R50544	Recovery vehicle, full tracked, light armored	0	0	0	0	0	1	5	8	0	4	2	6	62
231	R50681	Recovery vehicle, full tracked, medium	0	0	0	0	2	0	0	1	4	0	5	0	37
232	V13101	Tank, combat, full tracked, 105-mm, gun	0	0	0	0	0	0	0	0	0	0	54	0	324
		Class VIIQ—Marine Equipment													
233	883856	Boat, landing, inflatable, assault craft, nylon cloth, 15-man	0	0	0	0	18	0	0	0	0	0	0	0	18
234	B84404	Boat, reconnaissance, pneumatic, 3-man	0	0	0	0	31	0	0	0	0	0	0	0	31

Table 2–1. Summary of Equipment–Type of Armored Division (with Mobile Assault Bridge)–Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	*LIN*	*Nomenclature*	*HHC (17-4H)*	*MP co (19-27H)*	*Div avn co (17-87H)*	*Sig bn (11-35H)*	*Engr bn (5-145H)*	*Three bde HHC (17-42H) (ea)*	*Armd cav sqdn (17-105H)*	*Div arty (6-300H)*	*DISCOM (29-21H)*	*ADA bn (44-325H)*	*Six tank bn (17-35H) (ea)*	*Five inf bn (mech) (7-45H) (ea)*	*Div total (17H)*
		Class VIIU–COMSEC Materiel													
235	E45766	Code changer key, KIK-18/TSEC	0	0	8	0	0	1	11	3	1	9	0	0	35
236	E45820	Code changer key, KYK-28/TSEC	2	6	4	9	8	3	17	38	12	17	6	4	178
237	H02300	Electronic teletypewriter security equipment, TSEC/KW-7	0	0	1	50	2	3	2	22	0	2	1	1	99
238	P43177	Power supply assembly, vehicular, Z-ACD	4	9	1	19	23	6	19	86	18	18	15	8	345
239	U01295	Speech security equipment, airborne, TSEC/KY-28	0	0	10	0	0	4	27	0	1	0	0	0	50
240	U01305	Speech security equipment, TSEC/KY-38	4	9	1	19	23	6	19	86	21	18	15	8	348
241	V08721	Tactical digital regenerative repeater, portable, HYL-3/TSEC	0	0	0	6	1	1	1	18	0	0	1	0	35
		Class VIIW–Ground: Construction and MHE													
242	C20414	Bridge, armor veh launch, scissor type, cl-60, alum, 60-ft length of span	0	0	0	0	6	0	0	0	0	0	2	0	18
243	F39241	Crane, wheel mtd, 5-ton, dsl, 4x4, rough terrain, air transport	0	0	0	0	0	0	0	0	4	0	0	0	4
244	F39378	Crane, wheel mtd, 20-ton, w/boom, crane, 30-ft, w/block and tackle, 20-ton	0	0	0	0	3	0	0	0	0	0	0	0	3
245	H32869	Fairlead roller and sheave, 12½-ton, crane-shovel, crlr, 20-ton, crane-shovel, trk	0	0	0	0	1	0	0	0	0	0	0	0	1
246	J74852	Grader, road, motorized, dsl drvn, hvy, 6x4, front-wheel steer	0	0	0	0	4	0	0	0	0	0	0	0	4
247	V09730	Tagline crane, and crane-shovel, ¾ to 1 cu yd bucket	0	0	0	0	2	0	0	0	0	0	0	0	2
248	W76816	Tractor, full tracked, low speed, dsl, medium dbp, w/buldozer w/scarif winch	0	0	0	0	8	0	0	0	0	0	0	0	8
249	X48914	Truck, lift, fork, dsl drvn, 6,000-lb cap, rough terrain	0	0	0	0	1	0	2	0	5	0	0	0	8

Table 2–2. Summary of Equipment–Type of Infantry Division (with Mobile Assault Bridge)

1	LIN	2 Nomenclature	3 HHC (7-4H)	4 MP co (19-27H)	5 Cbt avn bn (7-75H)	6 Sig bn (11-35H)	7 Engr bn (5-155H)	8 Three bde HHC (7-42H) (ea)	9 Air cav sqdn (17-205H)	10 Div arty (6-100H)	11 DISCOM (29-1H)	12 ADA bn (44-325H)	13 Inf bn (mech) (7-45H)	14 Tank bn (17-35H)	15 Eight inf bn (7-15H) (ea)	16 Div total (7H)
		Class IIA–Air														
2	A21383	Aerial recovery kit for Army acft	0	0	0	0	0	0	0	0	2	0	0	0	0	2
3	M02470	Maint platform, hyd adj to 10-ft high 44½-in wide	0	0	0	0	0	1	10	0	0	0	0	0	0	13
4	M02504	Maint platform, hyd adj type, 3- to 7-ft height	0	0	0	0	0	1	10	2	0	0	0	0	0	15
		Class IIB–Troop Support														
5	H52010	Filter-separator liq fuel, 100 gpm, 75 psi 2-in inlet 2-in outlet	0	0	3	0	0	0	0	0	0	0	0	0	0	3
6	K39774	Hoisting unit trk mounting, organizational maint set no 7	0	1	0	0	0	0	0	1	1	0	0	0	0	3
7	L64542	Lt set operational area, acft, ½ kw heliport (Army)	0	0	6	0	0	0	4	1	1	0	0	0	0	12
8	P92030	Pump cntrf & gas drvn frame mtd 2-in 125 GPM, 50-ft hd	0	0	0	0	5	0	0	0	0	0	0	0	0	5
9	T10600	Shop equip, GM, aux equip maint (Chaparral)	0	0	0	0	0	0	0	0	0	2	0	0	0	2
10	V84014	Test set radar, AN/TPM-23 (VADS)	0	0	0	0	0	0	0	0	0	2	0	0	0	2
11	W32867	Shop equip auto maint and rep org sup no 1 less power	1	1	1	0	1	1	4	1	9	5	4	3	0	33
12	W67843	Torch outfit, cutting and welding, set 2	0	0	0	0	3	0	0	0	0	0	0	0	0	3
13	Z13157	Card punch machine, ADPE	0	0	0	0	0	0	0	0	4	0	0	0	0	4
14	Z74660	Sorter, ADPE	0	0	0	0	0	0	0	0	1	0	0	0	0	1
15	F77651	CS3, Data analysis central, OL-88(V) 1/MYK-8(V)	0	0	0	0	0	0	0	0	1	0	0	0	0	1
16	F77918	CS3, Data storage group, OL-89(V) 1/MYK-8(V)	0	0	0	0	0	0	0	0	1	0	0	0	0	1
17	F77964	CS3, Data support facility, mobile, V-460/MYK-8 (V)	0	0	0	0	0	0	0	0	1	0	0	0	0	1
18	M57481	CS3, Maintenance shop facility, mobile V-452/MYK-8 (V)	0	0	0	0	0	0	0	0	1	0	0	0	0	1
19	U43735	CS3, Storage facility, mobile, V-483/MYK-8(V)	0	0	0	0	0	0	0	0	1	0	0	0	0	1
20	J35801	CS3, Generator, diesel engine, 100 KW, 60 hz, mtd on M353, IU-495	0	0	0	0	0	0	0	0	2	0	0	0	0	2
21	X59326	CS3, Truck tractor, 5 ton, 6×6 W/E, M818	0	0	0	0	0	0	0	0	2	0	0	0	0	2
		Class IIE–General Supply														
22	G68966	Drum, fabric, collapsible, liquid fuel 500-gal capacity	0	0	10	0	0	0	21	0	27	0	0	0	0	58
		Class IIG–Electronics														
23	C68719	Cable telephone, WO-1/TT, OR-8, 1,320 ft	0	3	12	61	35	14	84	360	21	320	114	118	93	1,914
24	C68856	Cable telephone, WD-1/TT, RL-159/U 5,280 ft	0	3	8	109	19	36	0	327	33	24	6	2	16	767
25	C68993	Cable telephone, WD-1/TT, 2 cond, field wire	0	0	0	0	18	20	15	167	0	0	42	0	87	998
26	R30662	Receiver-transmitter con gp, AN/GRA-6	0	0	0	2	0	1	5	0	0	5	0	0	0	15
27	U82529	Switchboard, telephone, manual, S8-993/GT	0	0	0	0	9	0	0	2	6	12	6	4	12	135
28	V30937	Telephone set, TA-264/PT	0	0	1	0	0	2	0	7	5	0	0	0	0	19
		Class IIW–Ground														
29	C29490	Bucket, clamshell, ¾ cu yd	0	0	0	0	2	0	0	0	0	0	0	0	0	2
30	C30997	Bucket, dragline, ¾ cu yd	0	0	0	0	1	0	0	0	0	0	0	0	0	1
		Class VIIA–Air														
31	K29660	Helicopter, atk, AH-1G	0	0	6	0	0	0	27	0	0	0	0	0	0	33
32	K30645	Helicopter, obsn, OH-6A	0	0	4	0	0	0	0	0	0	0	0	0	0	4

Table 2–2. Summary of Equipment–Type of Infantry Division (with Mobile Assault Bridge)—Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	*LIN*	*Nomenclature*	*HHC (7-4H)*	*MP co (19-27H)*	*Cbt avn bn (7-75H)*	*Sig bn (11-35H)*	*Engr bn (5-155H)*	*Three bde HHC (7-42H) (ea)*	*Air cav sqdn (17-205H)*	*Div arty (6-100H)*	*DISCOM (29-1H)*	*ADA bn (44-325H)*	*Inf bn (mech) (7-45H)*	*Tank bn (17-35H)*	*Eight inf bn (7-15H) (ea)*	*Div total (7H)*
33	K31042	Helicopter, obsn, OH-58A	0	0	0	0	0	4	30	14	0	0	0	0	0	56
34	K31795	Helicopter, util, UH-1H	0	0	27	0	0	2	28	0	1	0	0	0	0	62
35	T17093	Shop set, acft maint, ambl, UH-1/OH-6 co-sized ds	0	0	0	0	0	0	3	0	0	0	0	0	0	3
36	W62611	Tool set, avn unit maint, set no 1, ambl	0	0	0	0	0	1	10	2	0	0	0	0	0	15
37	W93995	Trailer acft maint ambl 4 wheeled 30/48-in trf rail sys	0	0	0	0	0	0	0	0	6	0	0	0	0	6
38	X23227	Transporter, ambl, hyd lift for shelter and X-4 container	0	0	1	0	0	1	8	1	2	0	0	0	0	15
		Class VIIB–Troop Support														
39	C25757	Bridge, floating, raft sec, lt tac	0	0	0	0	2	0	0	0	0	0	0	0	0	2
40	E67735	Compressor RCP, power drvn base, AC 115V, 60 cy, 1 ph, 1.5 CFM, 50 PSI	0	0	0	0	0	0	0	0	4	0	0	0	0	4
41	E69242	Compressor RCP, power drvn, air rec, gas drvn, 15 CFM, 175 PSI	0	0	0	1	1	0	0	5	4	0	1	1	1	21
42	E70064	Compressor RCP, power drvn, trk 2-whl pneu tires, gas drvn, 5 CFM, 175 PSI	1	1	3	3	4	1	5	25	13	5	4	5	1	80
43	E70201	Compressor RCP, power drvn, trk 2-whl pneu tires, gas drvn, 8 CFM, 175 PSI	0	0	0	0	0	1	4	1	0	0	0	0	0	8
44	E70817	Compressor RCP, power drvn, air, whl gas drvn, 4 CFM, 3,000 PSI	0	0	0	0	0	0	0	0	1	0	0	0	0	1
45	E73626	Compressor rotary, power drvn, air whbrw frame, 2 pneu tire gas drvn, 60 CFM, 6.5 PSI	0	0	0	0	2	0	0	0	3	0	0	0	0	5
46	G02204	Detecting set, mine, ptbl, metallic and nonmetallic	0	4	0	7	47	0	4	25	6	5	1	5	5	144
47	G02341	Detecting set, mine, ptbl, metallic (AN/PSS-11)	0	4	0	13	38	0	4	25	6	5	3	5	12	199
48	G32473	Diving equip set, 1 person scuba, open circuit	0	0	0	0	3	0	0	0	0	0	0	0	0	3
49	H38787	Ferry, conversion set, raft, inf spt	0	0	0	0	2	0	0	0	0	0	0	0	0	2
50	H94824	Forward area refueling equip (FARE)	0	0	0	0	0	0	7	0	4	0	0	0	0	11
51	J04716	Fuel sys, SUPPT, ptbl, 60,000-gal cap	0	0	0	0	0	0	0	0	1	0	0	0	0	1
52	J35492	Generator set, dsl eng, tlr mtd, 15 KW, 60 HZ on M200 PU-405	0	0	0	1	0	0	0	0	0	0	0	0	0	1
53	J35629	Generator set, dsl eng, tlr mtd, 60 KW, 60 HZ, mtd on M200 PU-650	0	0	0	0	0	0	0	0	4	0	0	0	0	4
54	J35835	Generator set, dsl eng, 15 KW, 60 HZ, 3 ph AC 120/208 240/416V skid, tac util	2	0	0	0	0	0	0	0	2	0	0	0	0	4
55	J36109	Generator set, dsl eng, 30 KW, 60 HZ, 3 ph AC 120/208, 240/416V, 50 HZ, tac util	0	0	0	0	0	0	0	0	4	0	0	0	0	4
56	J36383	Generator set, dsl eng, tlr mtd, 30 KW, 60 HZ, mtd on M200 PU-406	0	0	2	0	0	0	0	0	3	0	0	0	0	5
57	J36725	Generator set, dsl eng, 30 KW, AC 120/208 240/416V, 3 ph, 400 HZ, tac precise	0	0	0	0	0	0	0	0	0	2	0	0	0	2
58	J38301	Generator set, dsl eng, 60 KW, 60 HZ, 3 ph, AC 120/208 240/416, 50 HZ, tac util	0	0	0	0	0	0	0	0	1	0	0	0	0	1
59	J41041	Generator set, gas eng, tlr mtd, PU-253/U	0	0	1	0	0	0	0	0	0	0	0	0	0	1
60	J41452	Generator set, gas eng, tlr mtd, 10 KW, 400 HZ, mtd on M103 PU-304/MPQ-4	0	0	0	0	0	0	0	3	0	0	0	0	0	3
61	J41589	Generator set, gas eng, tlr mtd, PU-322/G	0	0	2	0	0	0	0	0	0	0	0	0	0	2
62	J42100	Generator set, gas eng, tlr mtd, 10 KW, 60 cy, 1 ph, AC 120/240V, PU-619/M	0	0	1	7	0	0	0	0	0	0	0	0	0	8

Table 2–2 Summary of Equipment–Type of Infantry Division (with Mobile Assault Bridge)—Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	*LIN*	*Nomenclature*	*HHC (7-4H)*	*MP co (19-27H)*	*Cbt avn bn (7-75H)*	*Sig bn (11-35H)*	*Engr bn (5-155H)*	*Three bde HHC (7-42H) (ea)*	*Air cav sqdn (17-205H)*	*Div arty (6-100H)*	*DISCOM (29-1H)*	*ADA bn (44-325H)*	*Inf bn (mech) (7-45H)*	*Tank bn (17-35H)*	*Eight inf bn (7-15H) (ea)*	*Div total (7H)*
63	J42685	Generator set, gas eng, 0.3 KW, AC 115V, 1 ph, 400 HZ, DC 24 to 35V	0	0	0	0	0	0	0	1	0	0	0	0	0	1
64	J42856	Generator set, gas eng, 0.5 KW, 28V, skid shock tac util	0	0	0	0	0	0	0	0	0	0	0	1	0	1
65	J42976	Generator set, gas eng, 0.5 KW, 60 cy, 1 ph, AC 120/240V, shock mtd	0	0	6	0	0	0	4	1	2	0	0	0	0	13
66	J43027	Generator set, gas eng, 0 5 KW, 400 HZ, 1 ph, AC 120/240V, skid shock tac util	0	0	0	0	0	0	2	2	0	0	4	4	4	44
67	J43918	Generator set, gas eng, 1.5 KW, 60 HZ, 1 ph, 2 wire, AC 120V, shock tac util	1	2	8	7	6	5	22	33	45	14	13	8	4	206
68	J44055	Generator set, gas eng, 1 5 KW, DC 28V, shock tac util	0	6	2	4	6	4	0	74	13	19	2	1	1	147
69	J45699	Generator set, gas eng, 3 KW, 60 HZ, 1-3 ph, 120/240, 120/208V, skid tac util	0	0	0	0	13	3	0	0	3	0	0	0	0	25
70	J45836	Generator set, gas eng, 3 KW, 400 HZ, 1-3 ph, AC 120/208/240V, tac util	0	0	0	0	0	0	0	26	1	0	0	0	0	27
71	J46110	Generator set, gas eng, 3 KW, DC 28V, skid shock, tblr frame mtd, tac util	1	1	3	2	3	1	9	11	18	10	8	5	4	106
72	J46258	Generator set, gas eng, tlr mtd, 3 KW, 60 HZ, 2 ea mtd on M101 PU-628	0	0	0	14	0	2	0	0	0	0	0	0	0	20
73	J46384	Generator set, gas eng, tlr mtd, 3 KW, 60 HZ, 2 ea mtd on M101 PU-617	0	0	0	17	0	0	0	0	0	0	0	0	0	17
74	J47068	Generator set, gas eng, 5 KW, 60 HZ, 1-3 ph, AC 120/240 120/208V, skid, tac util	0	0	3	0	0	1	1	0	11	0	1	0	2	35
75	J47617	Generator set, gas eng, tlr mtd, 5 KW, 60 HZ, 2 ea mtd on M116 PU-620	0	0	1	12	2	1	2	15	0	2	0	0	0	37
76	J48713	Generator set, gas eng, 5 KW, 400 HZ, 1-3 ph, AC 120/240 120/208V, skid, tac util	0	0	0	0	0	0	0	0	0	10	0	0	0	10
77	J49055	Generator set, gas eng, 7 5 KW, DC 28.5V, whl mtd	0	0	0	0	0	1	10	2	2	0	0	0	0	17
78	J49398	Generator set, gas eng, 10 KW, 60 HZ, 1-3 ph, AC 120/240 120/208V, tac utility	0	0	0	0	5	0	0	0	20	0	0	0	0	25
79	J49809	Generator set, gas eng, tlr mtd, 10 KW, 60 HZ, mtd on M101 PU-332	0	0	0	0	0	0	0	0	6	0	0	0	0	6
80	L01326	Demineralization equip set, water ion exchange, tlr mtd, 3,000-gal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81	L27293	Kit, fire fighting, airmobile	0	0	0	0	0	1	0	0	0	0	0	0	0	3
82	L27327	Kit, fire suppression airmobile	0	0	0	0	0	1	0	0	0	0	0	0	0	3
83	L43664	Launch, M60-series, tank chassis, transporting, 40- and 60-ft bridge, ty cl 60	0	0	0	0	4	0	0	0	0	0	0	2	0	6
84	L64131	Lt set, marker, emerg, afld runway, ptbl battery op	0	0	7	0	4	1	11	1	0	0	0	0	0	26
85	L85420	Lubrication svc unit, power op, tlr mtd, 15 cf air compressor, gas drvn wzd	0	0	0	0	1	0	0	0	0	0	0	0	0	1
86	P11866	Pneu tool and compressor outfit, 250 cfm tlr mtd	0	0	0	0	4	0	0	0	0	0	0	0	0	4
87	P91756	Pump cntrf, gas drvn, frame mtd, 1½-in 65 gpm, 50-ft HD	0	0	0	0	4	0	0	0	0	0	0	0	0	4
88	P96640	Pumping assembly, flammable liq, bulk trans	0	0	8	0	3	0	0	1	0	0	0	0	0	12
89	T10138	Shop equip, contact maint, trk mtd	0	0	0	0	2	0	0	0	11	0	0	0	0	13
90	T10275	Shop equip, electronic rep, stlr mtd, Army	0	0	0	0	0	0	0	0	1	0	0	0	0	1
91	T10412	Shop equip, electronic rep, stlr mtd, Army	0	0	0	0	0	0	0	0	1	0	0	0	0	1

Table 2–2. Summary of Equipment–Type of Infantry Division (with Mobile Assault Bridge)–Continued

1	LIN	Nomenclature	HHC (7-4H)	MP co (19-27H)	Cbt avn bn (7-75H)	Sig bn (11-35H)	Engr bn (5-155H)	Three bde HHC (7-42H) (ea)	Air cav sqdn (17-205H)	Div arty (6-100H)	DISCOM (29-1H)	ADA bn (44-325H)	Inf bn (mech) (7-45H)	Tank bn (17-35H)	Eight inf bn (7-15H) (ea)	Div total (7H)
92	T13152	Shop equip, org rep, lt trk mtd	0	0	0	0	1	0	0	0	0	0	0	0	0	1
93	U69083	Surveying instrument azimuth, gyro, lightweight (SIAGL)	0	0	0	0	0	0	0	9	0	0	0	0	0	9
94	U69357	Surveying instrument, dis measuring electronic mwave, minatzd purp	0	0	0	0	0	0	0	6	0	0	0	0	0	6
95	V12141	Tank and pump unit, lrq dispensing trk mounting	0	0	0	1	4	0	4	6	6	9	1	4	1	43
96	V19950	Tank unit, liq dispensing tlr mountrng	0	0	0	1	4	0	4	1	8	8	1	4	1	39
97	V71450	Test set, computer logic unit	0	0	0	0	0	0	0	6	1	0	0	0	0	7
98	W07701	Theodolite, survey and dir 0 002 mil, 30 porm, 5 power detachments tribrch	0	0	0	0	0	0	0	6	1	0	0	0	0	7
99	W07838	Theodolite survey and dir 0 2 mil, w/tripod and carrying case	0	0	0	0	0	0	0	11	0	0	0	0	0	11
100	W32593	Shop equip, auto maint and rep, om commom no 1 less power	1	1	3	3	4	1	5	25	13	5	4	5	1	80
101	W32730	Shop equip, auto maint and rep, om common no 2, less power	0	0	0	1	1	0	0	5	2	0	1	1	1	19
102	W65747	Tool set, veh, full tracked, org maint sup no 2, less power	0	0	0	0	1	0	1	1	0	4	5	1	0	13
103	Y35486	Water purif equip set, trk mtd, diatomite filter, 1,500 GPH (Army)	0	0	0	0	5	0	0	0	0	0	0	0	0	5
		Class VIIG–Electronics														
104	A28833	Acft con central, AN/TSQ-70, less power	0	0	1	0	0	0	0	0	0	0	0	0	0	1
105	850869	Beacon set, radio, AN/GRN-6 less power	0	0	2	0	0	0	0	0	0	0	0	0	0	2
106	C69541	Cable telephone, WF-16/U	0	2	0	0	0	2	0	10	0	16	0	0	0	34
107	E58601	Command console, electronic, AN/ASC-15	0	0	0	0	0	2	2	0	0	0	0	0	0	8
108	H76352	Flight coord central, AN/TSC-61, less power	0	0	1	0	0	0	0	0	0	0	0	0	0	1
109	L36402	Landing con central, AN/TSQ-71, less power	0	0	1	0	0	0	0	0	0	0	0	0	0	1
110	L60318	Light beacon, MX-7301/TVN	0	0	0	0	0	0	5	0	0	0	0	0	0	5
111	L61631	Light glide angle airport approach, 8V, Yellow, Green, and Red	0	0	5	0	0	0	0	0	0	0	0	0	0	5
112	M36739	Meterorological sta, manual, AN/TMQ-4	0	0	0	0	0	0	0	1	0	0	0	0	0	1
113	N04730	Night vision sight, indiv servep weapon, AN/PVS-2	0	0	0	0	30	0	53	0	0	0	62	11	80	796
114	N15518	Night vision sight, tripod mtd, AN/TVS-4	0	0	0	0	0	0	1	4	0	0	9	6	9	92
115	O15414	Radar set, AN/MPQ-4 less power	0	0	0	0	0	0	0	3	0	0	0	0	0	3
116	O17332	Radar set, AN/TPS-25 less power	0	0	0	0	0	0	0	1	0	0	0	0	0	1
117	O32756	Radio set, AN/GRC-106	1	0	0	2	0	0	6	1	0	5	0	0	0	15
118	O34308	Radio set, AN/GRC-160	1	1	0	0	46	1	13	52	1	0	114	20	43	595
119	O37982	Radio set, AN/PRC-41	0	0	0	0	0	1	0	0	0	0	0	0	0	3
120	O38299	Radio set, AN/PRC-77	3	0	0	0	17	11	36	21	0	6	14	0	46	498
121	O38335	Radio set, AN/PRC-90	0	0	74	0	0	12	170	28	2	0	0	0	0	310
122	O45779	Radio set, AN/VRC-12	0	0	0	0	0	0	7	0	0	0	3	28	0	38
123	O50421	Radio set, AN/VRC-24	0	0	0	0	0	0	1	0	0	0	0	0	0	1
124	O52394	Radio set, AN/VRC-44	0	0	0	0	0	0	0	0	0	16	0	0	0	16
125	O53001	Radio set, AN/VRC-46	7	50	0	20	10	2	14	99	19	32	9	20	6	334
126	O54174	Radio set, AN/VRC-47	4	0	0	7	10	4	22	31	19	57	18	17	18	341
127	O55114	Radio set, AN/VRC-49	0	0	0	6	1	1	1	18	0	0	1	1	1	39
123	O56783	Radio set, AN/VRC-64	0	0	0	0	23	0	15	9	5	0	14	41	4	139

Table 2—2 Summary of Equipment—Type of Infantry Division (with Mobile Assault Bridge)—Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	*LIN*	*Nomenclature*	*HHC (7-4H)*	*MP co (19-27H)*	*Cbt avn bn (7-75H)*	*Sig bn (11-35H)*	*Engr bn (5-155H)*	*Three bde HHC (7-42H) (ea)*	*Air cav sqdn (17-205H)*	*Div arty (6-100H)*	*DISCOM (29-1H)*	*ADA bn (44-325H)*	*Inf bn (mech) (7-45H)*	*Tank bn (17-35H)*	*Eight inf bn (7-15H) (ea)*	*Div total (7H)*
129	Q78282	Radio set, con gp, AN/GRA-39	3	5	0	12	10	12	10	141	11	67	12	24	13	435
130	Q90120	Radio teletypewriter set, AN/GRC-142	0	0	1	12	2	1	2	15	0	2	0	0	1	45
131	Q95810	Radiosonde baseline check set, AN/GMM-1A	0	0	0	0	0	0	0	1	0	0	0	0	0	1
132	R16476	Rawin set, AN/GMD-1	0	0	0	0	0	0	0	1	0	0	0	0	0	1
133	R29799	Receiver set, radio, AN/PRR-9	0	8	0	0	0	0	0	0	0	0	45	0	54	485
134	R50043	Recording set, weather data, AN/TMQ-5	0	0	0	0	0	0	0	1	0	0	0	0	0	1
135	U81707	Switchboard, telephone, manual, SB-22/PT	0	1	3	7	6	2	6	40	12	4	7	3	7	151
136	U82255	Switchboard, telephone, manual, SB-86/P	0	0	0	0	0	0	0	2	0	1	0	0	1	11
137	V30252	Telephone set, TA-1/PT	0	0	0	0	40	0	31	28	10	40	77	22	71	816
138	V31211	Telephone set, TA-312/PT	0	11	27	285	45	25	46	588	155	229	63	38	67	2,098
139	V38758	Teletypewriter, TT-537/G	0	0	0	0	0	0	0	4	0	0	0	0	0	4
140	V42105	Teletypewriter set, AN/PGC-1	0	0	1	0	0	0	0	0	0	0	0	0	0	1
141	V57914	Terminal telegraph-telephone, AN/TCC-29	0	0	1	6	0	2	0	2	0	0	0	0	0	15
142	X17820	Transmitter set, radio, AN/PRT-4	0	8	0	0	0	0	0	0	0	0	45	0	54	485
143	Y54817	Wind measuring set, AN/PMQ-6	0	0	0	0	0	0	0	4	0	0	0	0	0	4
		Class VIIK—Tactical Vehicles														
144	A93125	Armored reconnaissance airborne assault vehicle, full tracked, 152-mm	0	0	0	0	0	0	9	0	0	0	0	0	0	9
145	D10726	Carrier, 81-mm mort, full tracked (less mort)	0	0	0	0	0	0	0	0	0	0	9	0	0	9
146	E02670	Chassis tlr, GP, 3½-ton, 2-whl, WE	0	0	0	0	0	0	0	0	1	0	0	0	0	1
147	E02807	Chassis tlr, generator, 2½-ton, 2-whl, WE	0	0	0	0	0	0	0	0	4	2	0	0	0	6
148	E56578	Cbt eng veh, full tracked	0	0	0	0	3	0	0	0	0	0	0	0	0	3
149	K90188	Instrument rep shop trk mtd, 2½-ton, 6x6, WE	0	0	0	0	0	0	0	0	6	0	0	0	0	6
150	S70243	Semitrailer, low bed, wrecker, 12-ton, 4-whl, 40-lt, WE	0	0	0	0	0	0	0	0	1	0	0	0	0	1
151	S70517	Semitrailer, low bed, 25-ton, 4-whl, WE	0	0	0	0	12	0	0	0	0	0	0	0	0	12
152	S72024	Semitrailer, stake, 12-ton, 4-whl, WE	0	0	0	0	0	0	0	0	38	0	0	0	0	38
153	S72983	Semitrailer, tank, fuel servicing 5,000-gal, 12-ton, 4-wheel, WE	0	0	0	0	0	0	0	0	12	0	0	0	0	12
154	S74079	Semitrailer, van, cargo, 12-ton, 4-whl, WE	0	0	0	0	0	0	0	0	9	0	0	0	0	9
155	S74490	Semitrailer, van, expansible, 6-ton, 4-whl (Army)	0	0	0	0	0	0	0	0	2	0	0	0	0	2
156	S74832	Semitrailer, van, rep parts storage, 6-ton, 4-whl, WE	0	0	0	0	1	0	0	0	14	0	0	0	0	15
157	W94030	Trailer, ammunition, 1½-ton, 2-whl, WE	0	0	0	0	0	0	6	48	0	0	0	0	0	54
158	W95263	Trailer, cable reel, 3½-ton, 2-whl, WE	0	0	0	0	2	0	0	0	0	0	0	0	0	2
159	W95400	Trailer, cargo, ¼-ton, 2-whl, WE	15	45	12	18	16	13	24	92	65	31	34	20	47	787
160	W95537	Trailer, cargo, ¾-ton, 2-whl, WE	5	6	14	16	3	0	3	34	23	18	0	0	0	122
161	W95811	Trailer, cargo, 1½-ton, 2-whl, WE	8	2	20	18	27	4	34	53	170	31	16	19	11	498
162	W98825	Trailer, tank, water, 400-gal, 1½-ton, 2-whl, WE	1	0	2	4	5	1	5	25	19	5	5	5	4	111
163	X38639	Truck, ambulance, ¼-ton, 4x4, WE	2	0	1	0	1	0	0	1	0	0	0	0	0	5
164	X38776	Truck, ambulance, ¾-ton, 4x4, WE	0	0	0	0	0	0	0	0	32	0	0	0	0	32
165	X38961	Truck, ambulance, 1¼-ton, 6x6, WE	0	0	0	0	0	0	2	5	0	1	1	1	3	34
166	X39735	Truck, cargo, ¼-ton, 4x4, WE	5	6	16	27	6	0	5	47	28	10	0	0	0	150
167	X39872	Truck, cargo, ¾-ton, 4x4, w/winch, WE	0	0	1	0	0	0	0	0	2	0	0	0	0	3
168	X39883	Truck, cargo, 1¼-ton, 4x4, WE	0	0	0	36	0	0	0	0	0	0	0	0	0	36
169	X39940	Truck, cargo, 1¼-ton, 6x6, WE	0	0	0	40	19	5	12	55	0	22	7	7	21	345
170	X40009	Truck, cargo, 2½-ton, 6x6, WE	1	1	16	29	23	2	24	163	144	26	14	14	9	533
171	X40146	Truck, cargo, 2½-ton, 6x6, w/winch, WE	1	2	2	16	6	1	7	52	19	0	2	6	6	164
172	X40283	Truck, cargo, 2½-ton, 6x6, XLWB, WE	0	0	0	0	0	0	0	2	0	2	0	0	0	4

Table 2–2 Summary of Equipment–Type of Infantry Division (with Mobile Assault Bridge)–Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	*LIN*	*Nomenclature*	*HHC (7-4H)*	*MP co (19-27H)*	*Cbt avn bn (7-75H)*	*Sig bn (11-35H)*	*Engr bn (5-155H)*	*Three bde HHC (7-42H) (ea)*	*Air cav sqdn (17-205H)*	*Div arty (6-100H)*	*DISCOM (29-1H)*	*ADA bn (44-325H)*	*Inf bn (mech) (7-45H)*	*Tank bn (17-35H)*	*Eight inf bn (7-15H) (ea)*	*Div total (7H)*
173	X40794	Truck, cargo, drop side, 5-ton, 6x6, WE	0	0	0	0	0	0	0	0	5	0	0	0	0	5
174	X40831	Truck, cargo, 5-ton, 6x6, LWB, WE	0	0	0	0	0	0	3	5	1	5	0	0	0	14
175	X40931	Truck, cargo, drop side, 5-ton, 6x6, w/winch, WE	0	0	0	0	1	0	0	0	0	0	0	0	0	1
176	X40968	Truck, cargo, 5-ton, 6x6, LWB w/winch, WE	0	0	0	0	0	0	3	0	0	4	0	0	0	7
177	X41310	Truck, cargo, 5-ton, 8x8, WE	0	0	0	0	4	0	5	18	0	6	6	6	1	53
178	X41327	Truck, cargo, 5-ton, 8x8, w/winch, WE	0	0	0	0	0	0	0	10	0	0	0	0	0	10
179	X41615	Truck, cargo, 8-ton, 4x4, WE	0	0	0	0	0	0	4	16	0	0	5	5	0	30
180	X43708	Truck, dump, 5-ton, 6x6, WE	0	0	0	0	34	0	0	0	0	0	0	0	0	34
181	X43845	Truck, dump, 5-ton, 6x6, w/winch, WE	0	0	0	0	11	0	0	0	0	0	0	0	0	11
182	X55627	Truck, platform, util, ½-ton, 4x4, WE	0	0	0	0	0	0	0	0	6	0	0	0	0	6
183	X57271	Truck, tank, fuel servicing, 2½-ton, 6x6, WE	0	0	10	0	0	0	6	1	0	0	0	0	0	17
184	X57408	Truck, tank, fuel servicing, 2½-ton, 6x6, w/winch, WE	0	0	0	0	0	0	6	0	0	0	0	0	0	6
185	X58078	Truck, tank, fuel servicing, 2,500-gal, 4x4, WE	0	0	0	0	1	0	0	0	0	0	2	0	0	3
186	X58093	Truck, tank, fuel servicing, 2,500-gal, 4x4, w/winch, WE	0	0	0	0	0	0	0	0	0	0	0	4	0	4
187	X58367	Truck, tank, water, 1,000-gal, 2½-ton, 6x6, WE	0	0	0	0	0	0	0	0	1	0	0	0	0	1
188	X59052	Truck, tractor, 2½-ton, 6x6, WE	0	0	0	0	0	0	0	0	1	0	0	0	0	1
189	X59326	Truck, tractor, 5-ton, 6x6, WE	0	0	0	0	1	0	0	0	60	0	0	0	0	61
190	X59463	Truck, tractor, 5-ton, 6x6, w/winch, WE	0	0	0	0	0	0	0	0	1	0	0	0	0	1
191	X59874	Truck, tractor, 10-ton, 6x6, w/midship winch, w/low mtd 5th whl, WE	0	0	0	0	12	0	0	0	0	0	0	0	0	12
192	X60696	Truck, tractor, wrecker, 5-ton, 6x6, w/winch, WE	0	0	0	0	0	0	1	0	1	0	0	0	0	2
193	X60833	Truck, util, ¼-ton, 4x4, WE	19	45	12	25	18	13	29	132	66	31	34	34	39	796
194	X62237	Truck, van, expansible, 5-ton, 6x6, WE	4	0	0	1	0	0	0	0	1	0	0	0	0	6
195	X62340	Truck, van, shop, 2½-ton, 6x6, WE	0	0	0	0	1	0	3	1	39	4	0	0	0	48
196	X63299	Truck, wrecker, 5-ton, 6x6, w/winch, WE	0	0	1	1	0	1	0	8	5	1	0	0	1	27
197	X63436	Truck, wrecker, 10-ton, 4x4, WE	0	0	0	0	1	0	1	1	3	0	1	1	0	8
		Class VIIL–Missiles														
198	D11681	Carrier-guided missile equipment (TOW)	0	0	0	0	0	0	0	0	0	0	18	0	0	18
199	G22933	Display set, target alert data (FAAR)	0	0	0	0	0	0	6	17	0	60	6	6	6	143
200	J95533	Guided missile system intercept-carrier, mtd (Chaparral)	0	0	0	0	0	0	0	0	0	24	0	0	0	24
201	L13998	Jack set, leveling, spt launching sta, copter mode (Chaparral)	0	0	0	0	0	0	0	0	0	7	0	0	0	7
202	L45740	Launcher, tubular, guided missile (TOW)	0	0	0	0	0	0	0	0	0	0	18	0	18	162
203	Q16046	Radar set, AN/MPQ-49 (FAAR)	0	0	0	0	0	0	0	0	0	8	0	0	0	8
204	T14440	Shop equipment, guided missile system AN/TSM-95 (Chaparral)	0	0	0	0	0	0	0	0	0	2	0	0	0	2
205	V79469	Test set, guided missile system (Chaparral)	0	0	0	0	0	0	0	0	0	2	0	0	0	2
206	V84002	Test set, radar, AN/MPM-59 OMTS (FAAR)	0	0	0	0	0	0	0	0	0	1	0	0	0	1
207	X45317	Truck, guided missile (TOW)	0	0	0	0	0	0	0	0	0	0	0	0	18	144
208	X45549	Truck, guided missile equip, jeep (TOW)	0	0	0	0	0	0	0	0	0	0	0	0	18	144
		Class VIIM–Weapons														
209	A22496	Aiming circle	0	0	0	0	0	0	1	47	0	0	5	2	8	119
210	A89992	Armament subsystem, helicopter, 20-mm automatic gun	0	0	0	0	0	0	12	0	0	0	0	0	0	12
211	A90118	Armament subsystem, helicopter, 7.62-mm mg, light, WO wpns, WE	0	0	0	0	0	2	28	0	1	0	0	0	0	35

Table 2–2. Summary of Equipment–Type of Infantry Division (with Mobile Assault Bridge)–Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	*LIN*	*Nomenclature*	*HHC (7-4H)*	*MP co (19-27H)*	*Cbt avn bn (7-75H)*	*Sig bn (11-35H)*	*Engr bn (5-155H)*	*Three bde HHC (7-42H) (ea)*	*Air cav sqdn (17-205H)*	*Div arty (6-100H)*	*DISCOM (29-1H)*	*ADA bn (44-325H)*	*Inf bn (mech) (7-45H)*	*Tank bn (17-35H)*	*Eight inf bn (7-15H) (ea)*	*Div total (7H)*
212	A90437	Armament subsystem, helicopter, 7.62-mm mg, 40-mm launcher, high rate WO wpns	0	0	0	0	0	0	27	0	0	0	0	0	0	27
213	E76866	Computer gun direction	0	0	0	0	0	0	0	12	0	0	0	0	0	12
214	J96694	Gun, ADA, SP, 20-mm	0	0	0	0	0	0	0	0	0	24	0	0	0	24
215	K57392	Howitzer, light, towed, 105-mm	0	0	0	0	0	0	0	54	0	0	0	0	0	54
216	K57803	Howitzer, medium, towed, 155-mm	0	0	0	0	0	0	0	18	0	0	0	0	0	18
217	L44174	Launcher, grenade, acft, 40-mm, left or right hand feed	0	0	2	0	0	0	27	0	0	0	0	0	0	29
218	L44595	Launcher, grenade, 40-mm single shot, rifle mtd, detachable WE	0	16	0	8	72	4	81	137	58	68	82	18	79	1,184
219	L45016	Launcher, rocket, acft, 2.75-in	0	0	0	0	0	0	36	0	0	0	0	0	0	36
220	L45058	Launcher, rocket, acft, 2 75-in, 19 tube	0	0	12	0	0	0	0	0	0	0	0	0	0	12
221	L45063	Launcher, rocket, acft, 2 75-in, 19 tube (repairable)	0	0	0	0	0	0	60	0	0	0	0	0	0	60
222	L45123	Launcher, rocket, multiple, 115-mm	0	0	0	0	0	0	0	9	0	0	0	0	0	9
223	L45250	Launcher, rocket, 66-mm, 4-tube	0	0	0	0	0	0	6	0	0	0	9	5	9	92
224	L91838	Machinegun, caliber .50, HB flexible, vehicle, mtd	0	0	0	0	1	0	20	5	4	20	86	17	0	153
225	L91975	Machinegun, caliber .50, HB flexible for ground use	2	0	0	0	3	3	30	0	0	0	26	14	14	196
226	L92260	Machinegun, 7.62-mm, acft, light, door mtd	0	0	0	0	0	4	56	0	2	0	0	0	0	70
227	L92323	Machinegun, 7.62-mm, six barrels	0	0	0	0	0	0	27	0	0	0	0	0	0	27
228	L92386	Machinegun, 7.62-mm, lt, flexible	0	10	6	10	21	0	47	163	67	20	49	0	28	617
229	M68008	Mortar, 81-mm, on mount	0	0	0	0	0	0	0	0	0	0	9	0	9	81
230	M68282	Mortar, 4.2-in, on mount	0	0	0	0	0	0	3	0	0	0	4	4	4	43
231	M75577	Mount, tripod, machinegun, heavy, caliber .50	2	0	0	0	3	3	25	4	0	16	106	14	14	291
232	M75714	Mount, tripod, machinegun, 7.62-mm	0	5	6	10	21	0	17	163	63	20	49	0	28	578
233	N82364	Periscope, battery, command	0	0	0	0	0	0	0	14	0	0	1	1	1	24
234	N96741	Pistol, caliber .45, automatic	37	151	0	12	46	10	89	113	90	22	116	279	128	2,009
235	Q13770	Radar chronograph set	0	0	0	0	0	0	0	2	0	0	0	0	0	2
236	R12989	Range finder, fire control, WE (laser)	0	0	0	0	0	0	3	32	0	0	0	3	0	38
237	R91107	Revolver, caliber .38, 2-in barrel	0	2	0	0	0	0	0	0	0	0	0	0	0	2
238	R91244	Revolver, caliber .38, special, 4-in barrel	0	0	126	0	0	11	233	17	13	0	0	0	0	422
239	R94977	Rifle, 5.56-mm, WE	145	186	198	598	710	90	662	2,429	1,935	560	735	273	695	14,261
240	R96484	Rifle, recoilless, 90-mm	0	8	0	0	0	0	0	0	0	0	0	0	0	8
241	U56346	Submachinegun, caliber .45	0	0	0	0	2	0	20	2	0	0	13	122	0	159
		Class VIIO–Combat Vehicles														
242	D10741	Carrier, 107-mm, mortar, SP (less mortar)	0	0	0	0	0	0	3	0	0	0	4	4	0	11
243	D11049	Carrier, cargo, tracked 6-ton	0	0	0	0	0	0	0	4	0	0	0	0	0	4
244	D11401	Carrier, command and recon, armored	0	0	0	0	0	0	16	0	0	0	11	9	0	36
245	D11538	Carrier, command post, light tracked	0	0	0	0	0	0	0	1	0	0	6	6	0	13
246	D12087	Carrier, personnel, full tracked, armored	0	0	0	0	0	0	7	0	0	16	52	9	0	84
247	K56981	Howitzer, heavy, SP, 8-in	0	0	0	0	0	0	0	4	0	0	0	0	0	4
248	R50544	Recovery vehicle, full tracked, light, armored	0	0	0	0	0	0	1	0	0	4	6	2	0	13
249	R50681	Recovery vehicle, full tracked, medium	0	0	0	0	1	0	0	1	4	0	0	5	0	11
250	V13101	Tank, combat, full tracked, 105-mm, gun	0	0	0	0	0	0	0	0	0	0	0	54	0	54
		Class VIIQ–Marine Equipment														
251	B83856	Boat, landing, inflatable, assault craft, nylon cloth, 15-man	0	0	0	0	18	0	0	0	0	0	0	0	0	18
252	B84404	Boat, reconnaissance, pneumatic, 3-man	0	0	0	0	27	0	0	0	0	0	0	0	0	27

Table 2–2 Summary of Equipment—Type of Infantry Division (with Mobile Assault Bridge)—Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	*LIN*	*Nomenclature*	*HHC (7-4H)*	*MP co (19-27H)*	*Cbt avn bn (7-75H)*	*Sig bn (11-35H)*	*Engr bn (5-155H)*	*Three bde HHC (7-42H) (ea)*	*Air cav sqdn (17-205H)*	*Div arty (6-100H)*	*DISCOM (29-1H)*	*ADA bn (44-325H)*	*Inf bn (mech) (7-45H)*	*Tank bn (17-35H)*	*Eight inf bn (7-15H) (ea)*	*Div total (7H)*
		Class VIIU—COMSEC Materiel														
253	E45766	Code changer key, KIK-18/TSEC	0	0	0	0	0	2	34	3	1	9	0	0	0	53
254	E45820	Code changer key, KYK-28/TSEC	3	6	0	9	7	3	41	44	10	17	4	6	8	220
255	H02300	Electronic teletypewriter security equip, TSEC/KW-7	0	0	2	50	2	3	2	16	0	2	1	1	1	93
256	P43177	Power supply assembly, vehicular, Z-ACD	9	9	0	19	17	4	13	80	12	18	8	15	15	332
257	U01295	Speech security equip, abn, TSEC/KY-28	0	0	0	0	0	6	91	0	1	0	0	0	0	110
258	U01305	Speech security equip, TSEC/KY-38	9	9	0	19	17	4	13	80	15	18	8	15	15	335
259	V08721	Tactical digital regenerative repeater, portable, HYL-3/TSEC	0	0	0	6	1	1	1	18	0	0	0	1	1	38
		Class VIIW—Ground: Construction and MHE														
260	C20414	Bridge, armor veh launch, scissortype, cl-60 alum, 60-ft lgth of span	0	0	0	0	6	0	0	0	0	0	0	2	0	8
261	F39172	Crane, whl mtd, 3-ton	0	0	0	0	0	0	0	0	2	0	0	0	0	2
262	F39241	Crane, whl mtd, 5-ton, dsl, 4x4, rough terrain, air trans	0	0	0	0	0	0	0	0	4	0	0	0	0	4
263	F39378	Crane, whl mtd, 20-ton, w/boom crane 30-ft, w/block tackle, 20-ton	0	0	0	0	3	0	0	0	0	0	0	0	0	3
264	H32869	Fairlead roller and sheave, 12½-ton crane-shovel crlr 20-ton crane-shovel trk	0	0	0	0	1	0	0	0	0	0	0	0	0	1
265	J74852	Grader, road, motorized, dsl drvn, hy, 6x4 front-wheel steer	0	0	0	0	4	0	0	0	0	0	0	0	0	4
266	V09730	Tagline crane, and crane-shovel, ¾- to 1-cu yd bucket	0	0	0	0	2	0	0	0	0	0	0	0	0	2
267	W76816	Tractor, full tracked, low speed, dsl mdm dbp w/bulldozer, w/scarif winch	0	0	0	0	10	0	0	0	0	0	0	0	0	10
268	X48914	Truck lift fork, dsl drvn, 6,000-lb cap rough terrain	0	0	0	0	1	0	8	0	5	0	0	0	0	14

Table 2–3 Summary of Equipment–Type of Mechanized Division (With Mobile Assault Bridge)

1	LIN	Nomenclature	3 HHC (37-4H)	4 MP co (19-27H)	5 Div avn co (37-87H)	6 Sig bn (11-35H)	7 Engr bn (5-145H)	8 Three bde HHC (37-42H) (ea)	9 Armd cav sqdn (17-105H)	10 Div arty (6-300H)	11 DISCOM (29-11H)	12 ADA bn (44-325H)	13 Six inf bn (mech) (7-45H) (ea)	14 Four tank bn (17-35H) (ea)	15 Div total (37H)
		Class IIA–Air													
2	A21383	Aerial recovery kit for Army acft	0	0	0	0	0	0	0	0	2	0	0	0	2
3	M02470	Maint platform, hydraulic adjustable to 10-ft high, 44½-in wide	0	0	1	0	0	0	3	0	0	0	0	0	4
4	M02504	Maint platform, hydraulic adjustable type, 3 to 7 ft high	0	0	1	0	0	1	3	2	0	0	0	0	9
		Class IIB–Troop Support													
5	K39774	Hoisting unit truck mounting, organizational maint set no 7	0	1	0	0	0	0	0	1	1	0	0	0	3
6	L64542	Light set, operational, area, acft, ½ KW, heliport (Army)	0	0	1	0	0	0	1	1	1	0	0	0	4
7	P92030	Pump cntrf, gas drvn, frame mtd, 2-in, 125 gpm 50-ft hd	0	0	0	0	5	0	0	0	0	0	0	0	5
8	T10600	Shop equipment, guided missile, aux equip maint (Chaparral)	0	0	0	0	0	0	0	0	0	2	0	0	2
9	V84014	Test set, radar, AN/TPM-23 (vads)	0	0	0	0	0	0	0	0	0	2	0	0	2
10	W32867	Shop equip, auto maint and rep, org sup no 1, less power	1	1	1	0	1	1	1	1	9	5	4	3	59
11	W67843	Torch outfit, cutting and welding-set 2	0	0	0	0	4	0	0	0	0	0	0	0	4
12	Z13157	Card punch machine, ADPE	0	0	0	0	0	0	0	0	4	0	0	0	4
13	Z74660	Sorter, ADPE	0	0	0	0	0	0	0	0	1	0	0	0	1
14	F77651	CS3, Data analysis central, OL-88(V) 1/MYK-8(V)	0	0	0	0	0	0	0	0	1	0	0	0	1
15	F77918	CS3, Data storage group, OL-89(V) 1/MYK-8(V)	0	0	0	0	0	0	0	0	1	0	0	0	1
16	F77964	CS3, Data support facility, mobile, V-460/MYK-8(V)	0	0	0	0	0	0	0	0	1	0	0	0	1
17	M57481	CS3, Maintenance shop facility, mobile V-452/MYK-8(V)	0	0	0	0	0	0	0	0	1	0	0	0	1
18	U43735	CS3, Storage facility, mobile, V-483/MYK-8(V)	0	0	0	0	0	0	0	0	1	0	0	0	1
19	J35801	CS3, Generator, diesel engine, 100 KW, 60 hz, mounted on M353, PU-495	0	0	0	0	0	0	0	0	2	0	0	0	2
20	X59326	CS3, Truck tractor, 5 ton, 6x6 W/E, M818	0	0	0	0	0	0	0	0	2	0	0	0	2
		Class IIE–General Supply													
21	G68966	Drum, fabric, collapsible, liquid-fuel, 500-gal capacity	0	0	6	0	0	0	6	0	27	0	0	0	39
		Class IIG–Electronics													
22	C68719	Cable, telephone, WO-1/TT, OR-8 1,320 ft	0	3	12	61	32	10	139	421	21	320	114	118	2,195
23	C68856	Cable, telephone, WD-1/TT, RL-159/U 5,280 ft	0	3	4	109	23	36	0	320	35	24	6	2	670
24	C68993	Cable, telephone, WD-1/TT, 2 cond, field wire	0	0	0	0	23	20	20	158	0	0	42	0	513
25	R30662	Receiver-transmitter, control gp, AN/GRA-6	0	0	0	2	0	1	1	0	0	5	0	0	11
26	U82529	Switchboard, telephone, manual, SB-993/GT	0	0	0	0	12	0	0	2	7	12	6	4	85
27	V30937	Telephone set, TA-264/PT	0	0	0	0	0	0	2	7	5	0	0	0	14
		Class IIW–Ground													
28	C29490	Bucket clamshell, ¾ cu yd	0	0	0	0	2	0	0	0	0	0	0	0	2
29	C30997	Bucket dragline, ¾ cu yd	0	0	0	0	1	0	0	0	0	0	0	0	1

Table 2–3. Summary of Equipment–Type of Mechanized Division (With Mobile Assault Bridge)–Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	*LIN*	*Nomenclature*	*HHC (37-4H)*	*MP co (19-27H)*	*Div avn co (37-87H)*	*Sig bn (11-35H)*	*Engr bn (5-145H)*	*Three bde HHC (37-42H) (ea)*	*Armd cav sqdn (17-105H)*	*Div arty (6-300H)*	*DISCOM (29-11H)*	*ADA bn (44-325H)*	*Six inf bn (mech) (7-45H) (ea)*	*Four tank bn (17-35H) (ea)*	*Div total (37H)*
		Class VIIA–Air													
30	K29660	Helicopter, attack, AH-1G	0	0	0	0	0	0	9	0	0	0	0	0	9
31	K31042	Helicopter, observation, OH-58A	0	0	6	0	0	4	10	14	0	0	0	0	42
32	K31795	Helicopter, utility, UH-1H	0	0	4	0	0	0	8	0	1	0	0	0	13
33	T17093	Shop set, acft maint, ambl, UH-1/OH-6, co-sized, ds	0	0	0	0	0	0	1	0	0	0	0	0	1
34	W62611	Tool set, avn unit maint, set no 1, ambl	0	0	1	0	0	1	3	2	0	0	0	0	9
35	W93995	Trailer, acft maint, ambl, 4-wheeled, 30/48-in trf rail system	0	0	0	0	0	0	0	0	6	0	0	0	6
36	X23227	Transporter, ambl, hydraulic lift, for shelter and X-4 container	0	0	0	0	0	1	3	1	0	0	0	0	7
		Class VIIB–Troop Support													
37	C25757	Bridge, floating, raft sec, light, tactical	0	0	0	0	2	0	0	0	0	0	0	0	2
38	E67735	Compressor, RCP, power drvn base, AC 115V, 60 cy, 1 ph, 1.5 CFM, 50 PSI	0	0	0	0	0	0	0	0	4	0	0	0	4
39	E69242	Compressor, RCP, power drvn, air rec, gas drvn, 15 CFM, 175 PSI	0	0	0	1	1	0	1	5	5	0	1	1	23
40	E70064	Compressor, RCP, power drvn, trk, 2-whl pneu tires, gas drvn, 5 CFM, 175 PSI	1	1	1	3	5	1	5	24	13	5	4	5	105
41	E70201	Compressor, RCP, power drvn, trk, 2-whl pneu tires, gas drvn, 8 CFM, 175 PSI	0	0	1	0	0	1	1	1	0	0	0	0	6
42	E70817	Compressor, RCP, power drvn, air whl, gas drvn, 4 CFM, 3,000 PSI	0	0	0	0	0	0	0	0	1	0	0	0	1
43	E73626	Compressor, rotary power drvn, air whbrw frame, 2 pneu tires, gas drvn, 60 CFM, 6.5 PSI	0	0	0	0	2	0	0	0	3	0	0	0	5
44	G02204	Detecting set, mine, ptbl metallic and non-metallic	0	4	0	7	59	0	10	24	6	5	1	5	141
45	G02341	Detecting set, mine, ptbl metallic (AN/PSS-11)	0	4	0	13	49	0	10	24	6	5	3	5	149
46	G32473	Diving equip set, 1 person scuba, open circuit	0	0	0	0	3	0	0	0	0	0	0	0	3
47	H38787	Ferry, conversion set, raft, inf spt	0	0	0	0	2	0	0	0	0	0	0	0	2
48	H94824	Forward area refueling equipment (fare)	0	0	2	0	0	0	2	0	4	0	0	0	8
49	J04716	Fuel system supply point, ptbl, 60,000-gal cap	0	0	0	0	0	0	0	0	1	0	0	0	1
50	J35492	Generator set, dsl eng, tlr mtd, 15 kw, 60 hz, mtd on M200 PU-405	0	0	0	1	0	0	0	0	0	0	0	0	1
51	J35835	Generator set, dsl eng, 15 kw, 60 hz, 3 ph, AC 120/208, 240/416V, skid, tac util	2	0	0	0	0	0	0	0	2	0	0	0	4
52	J36109	Generator set, dsl eng, 30 kw, 60 hz, 3 ph, AC 120/208, 240/416V, 50 hz, tac util	0	0	0	0	0	0	0	0	1	0	0	0	1
53	J36383	Generator set, dsl eng tlr mtd, 30 kw, 60 hz, mtd on M200 PU-406	0	0	2	0	0	0	0	0	1	0	0	0	3
54	J36725	Generator set, dsl eng, 30 kw, AC 120/208, 240/416V, 3 ph, 400 hz, tac precise	0	0	0	0	0	0	0	0	0	2	0	0	2
55	J38301	Generator set, dsl eng, 60 kw, 60 hz, 3 ph, AC 120/208, 240/416V, 50 hz, tac util	0	0	0	0	0	0	0	0	8	0	0	0	8
56	J41041	Generator set, gas eng, tlr mtd, PU-253/U	0	0	1	0	0	0	0	0	0	0	0	0	1

Table 2–3. Summary of Equipment–Type of Mechanized Division (With Mobile Assault Bridge)–Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	*LIN*	*Nomenclature*	*HHC (37-4H)*	*MP co (19-27H)*	*Div avn co (37-87H)*	*Sig bn (11-35H)*	*Engr bn (5-145H)*	*Three bde HHC (37-42H) (ea)*	*Armd cav sqdn (17-105H)*	*Div arty (6-300H)*	*DISCOM (29-11H)*	*ADA bn (44-325H)*	*Six inf bn (mech) (7-45H) (ea)*	*Four tank bn (17-35H) (ea)*	*Div total (37H)*
57	J41452	Generator set, gas eng, tlr mtd, 10 kw, 400 hz, mtd on M103, PU-304/MPQ-4	0	0	0	0	0	0	0	3	0	0	0	0	3
58	J42100	Generator set, gas eng, tlr mtd, 10 kw, 60 cy, 1 ph, AC 120/240V, PU-619/M	0	0	1	7	0	0	0	0	0	0	0	0	8
59	J42685	Generator set, gas eng, 0.3 kw, AC 115V, 1 ph, 400 hz, DC 24 to 35V	0	0	2	0	0	0	0	1	0	0	0	0	3
60	J42856	Generator set, gas eng, 0.5 kw, 28V skid-shock, tac util	0	0	0	0	0	0	0	0	0	0	0	1	4
61	J42976	Generator set, gas eng, 0.5 kw, 60 cy, 1 ph, AC 120/240V, shock mtd	0	0	1	0	0	0	1	1	2	0	0	0	5
62	J43027	Generator set, gas eng, 0.5 kw, 400 hz, 1 ph, AC 120/240V, skid shock, tac util	0	0	0	0	0	0	6	2	0	0	4	4	48
63	J43918	Generator set, gas eng, 1.5 kw, 60 hz, 1 ph, 2 wire, AC 120V, shock, tac util	1	2	6	7	6	6	10	33	46	14	13	8	253
64	J44055	Generator set, gas eng, 1 5 kw, DC 28V, shock, tac util	0	6	1	4	7	5	5	40	12	19	2	1	125
65	J45699	Generator set, gas eng, 3 kw, 60 hz, 1-3 ph, 120/240 120/208V skid, tac util	0	0	1	0	16	3	1	0	3	0	0	0	30
66	J45836	Generator set, gas eng, 3 kw, 400 hz, 1-3 ph, AC 120/240 120/208/204V, tac util	0	0	0	0	0	0	0	42	1	0	0	0	43
67	J46110	Generator set, gas eng, 3 kw, DC 28V skid shock tblr frame mtd, tac util	1	1	2	2	3	2	4	11	18	10	8	5	126
68	J46258	Generator set, gas eng, tlr mtd, 3 kw, 60 hz, 2 ea mtd on M101 PU-628	0	0	0	14	0	2	0	0	0	0	0	0	20
69	J46384	Generator set, gas eng, tlr mtd, 3 kw, 60 hz, 2 ea mtd on M101 PU-617	0	0	0	17	0	0	0	0	0	0	0	0	17
70	J47068	Generator set, gas eng, 5 kw, 60 hz, 1-3 ph, AC 120/240 120/208V, skid, tac util	0	0	0	0	0	0	0	0	13	0	1	0	19
71	J47617	Generator set, gas eng, tlr mtd, 5 kw, 60 hz, 2 ea, mtd on M116 PU-620	0	0	0	12	2	0	0	21	0	2	0	0	37
72	J48713	Generator set, gas eng, 5 kw, 400 hz, 1-3 ph, AC 120/240 120/208V, skid, tac util	0	0	0	0	0	0	0	0	0	10	0	0	10
73	J49055	Generator set, gas eng, 7.5 kw, DC 28.5V, whl mtd	0	0	1	0	0	1	3	2	3	0	0	0	12
74	J49398	Generator set, gas eng, 10 kw, 60 hz, 1-3 ph, AC 120/240 120/208V, tac util	0	0	0	0	5	0	0	0	18	0	0	0	23
75	J49809	Generator set, gas eng, tlr mtd, 10 kw, 60 hz, mtd on M101 PU-332	0	0	0	0	0	0	0	0	9	0	0	0	9
76	L01326	Demineralization equip set, water ion exchange, trlr mtd, 3,000 gal	0	0	0	0	0	0	0	0	0	0	0	0	0
77	L27293	Kit, fire fighting, airmobile	0	0	0	0	0	1	0	0	0	0	0	0	3
78	L27327	Kit, fire suppression, airmobile	0	0	0	0	0	1	0	0	0	0	0	0	3
79	L43664	Launch, M60 series, tank chassis transporting 40- and 60-ft bridge, type cl 60	0	0	0	0	4	0	0	0	0	0	0	2	12
80	L64131	Light set marker, emergency, afld runway, ptbl, battery op	0	0	0	0	4	1	1	1	0	0	0	0	9

Table 2–3 Summary of Equipment–Type of Mechanized Division (With Mobile Assault Bridge)–Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	*LIN*	*Nomenclature*	*HHC (37-4H)*	*MP co (19-27H)*	*Div avn co (37-87H)*	*Sig bn (11-35H)*	*Engr bn (5-145H)*	*Three bde HHC (37-42H) (ea)*	*Armd cav sqdn (17-105H)*	*Div arty (6-300H)*	*DISCOM (29-11H)*	*ADA bn (44-325H)*	*Six inf bn (mech) (7-45H) (ea)*	*Four tank bn (17-35H) (ea)*	*Div total (37H)*
81	L85420	Lub svc unit, power op, tlr mtd, 15 cf air compressor, gas drvn wzd	0	0	0	0	1	0	0	0	0	0	0	0	1
82	P11866	Pneu tool and compressor outfit, 250 cu ft per min, trlr mtd	0	0	0	0	5	0	0	0	0	0	0	0	5
83	P91756	Pump, cntrf, gas drvn, frame mtd 1½ in, 65 gal per min, 50 ft hd	0	0	0	0	6	0	0	0	0	0	0	0	6
84	P96640	Pumping assembly, flammable liquid, bulk transfer	0	0	0	0	0	0	0	1	0	0	0	0	1
85	T10138	Shop equip, contact maint, trk mtd	0	0	0	0	2	0	0	0	11	0	0	0	13
86	T10275	Shop equip, electronic rep, stlr mtd (Army)	0	0	0	0	0	0	0	0	1	0	0	0	1
87	T10412	Shop equip, electronic rep, stlr mtd (Army)	0	0	0	0	0	0	0	0	4	0	0	0	4
88	T13152	Shop equip, organizational rep, light trk mtd	0	0	0	0	1	0	0	0	0	0	0	0	1
89	U69083	Surveying instrument, azimuth gyro, lightweight (SIAGL)	0	0	0	0	0	0	0	8	0	0	0	0	8
90	U69357	Surveying Instrument, Distance meas, electronic mwave, mnatzd purpose	0	0	0	0	0	0	0	9	0	0	0	0	9
91	V12141	Tank and pump unit, liquid dispensing, truck mounting	0	0	2	1	1	0	3	7	8	9	1	4	53
92	V19950	Tank unit, liquid dispensing, tlr mounting	0	0	0	1	1	0	3	5	5	8	1	4	45
93	V71450	Test set, computer logic unit	0	0	0	0	0	0	0	6	1	0	0	0	7
94	W07701	Theodolite, survey, direct, 0.002-mil, 30 porm, 5 power detch tribrch	0	0	0	0	0	0	0	6	4	0	0	0	10
95	W07838	Theodolite, survey, direct, 0.2 mil w/tripod and carrying case	0	0	0	0	0	0	0	14	0	0	0	0	14
96	W32593	Shop equip, auto maint and rep, om common no 1, less power	1	1	1	3	5	1	5	24	13	5	4	5	105
97	W32730	Shop equip, auto maint, and rep, om common no 2, less power	0	0	0	1	1	0	1	5	2	0	1	1	20
98	W65747	Tool set, vehicle, full tracked, org maint sup nu 2, less power	0	0	0	0	1	1	1	4	0	4	5	1	47
99	Y35486	Water purif equip set, trk mtd, diatomite filter, 1,500-gal per hr	0	0	0	0	5	0	0	0	0	0	0	0	5
		Class VIIG–Electronics													
100	A28833	Aircraft control central, AN/TSQ-70, less power	0	0	1	0	0	0	0	0	0	0	0	0	1
101	867423	Binocular, electronic, AN/PAS-5	0	0	0	0	16	0	0	0	0	0	0	0	16
102	C69541	Cable telephone, WF-16/U	0	2	0	0	0	2	0	10	0	16	0	0	34
103	H76352	Flight coordination central, AN/TSC-61, less power	0	0	1	0	0	0	0	0	0	0	0	0	1
104	L36402	Landing control central, AN/TSQ-71, less power	0	0	1	0	0	0	0	0	0	0	0	0	1
105	M36739	Meteorological station, manual, AN/TMQ-4	0	0	0	0	0	0	0	1	0	0	0	0	1
106	N04730	Night vision sight, individual servep weapon, AN/PVS-2	0	0	0	0	39	0	99	0	0	0	62	11	554
107	N15518	Night vision sight, tripod mounted, AN/TVS-4	0	0	0	0	0	0	3	4	0	0	9	6	85
108	Q15414	Radar set, AN/MPQ-4, less power	0	0	0	0	0	0	0	3	0	0	0	0	3
109	Q17332	Radar set, AN/TPS-25, less power	0	0	0	0	0	0	0	1	0	0	0	0	1
110	Q32756	Radio set, AN/GRC-106	1	0	0	2	0	1	6	1	0	5	0	0	18
111	Q34308	Radio set, AN/GRC-160	1	1	0	0	46	0	30	57	1	0	114	20	900

Table 2–3. Summary of Equipment–Type of Mechanized Division (With Mobile Assault Bridge)–Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	*LIN*	*Nomenclature*	*HHC (37-4H)*	*MP co (19-27H)*	*Div avn co (37-87H)*	*Sig bn (11-35H)*	*Engr bn (5-145H)*	*Three bde HHC (37-42H) (ea)*	*Armd cav sqdn (17-105H)*	*Div arty (6-300H)*	*DISCOM (29-11H)*	*ADA bn (44-325H)*	*Six inf bn (mech) (7-45H) (ea)*	*Four tank bn (17-35H) (ea)*	*Div total (37H)*
112	Q37982	Radio set, AN/PRC-41	0	0	0	0	0	1	0	0	0	0	0	0	3
113	Q38299	Radio set, AN/PRC-77	3	0	0	0	9	2	20	24	0	6	14	0	152
114	Q38335	Radio set, AN/PRC-90	0	0	20	0	0	8	54	28	2	0	0	0	128
115	Q45779	Radio set, AN/VRC-12	0	0	0	0	0	0	23	0	0	0	3	28	153
116	Q52394	Radio set, AN/VRC-44	0	0	0	0	0	0	0	0	0	16	0	0	16
117	Q53001	Radio set, AN/VRC-46	8	50	0	20	11	6	32	98	18	32	9	20	421
118	Q54174	Radio set, AN/VRC-47	4	0	2	7	23	5	18	30	19	57	18	17	351
119	Q55114	Radio set, AN/VRC-49	0	0	0	6	5	1	1	18	0	0	1	1	43
120	Q56783	Radio set, AN/VRC-64	0	0	0	0	30	2	46	10	5	0	14	41	345
121	Q78282	Radio set, con gp, AN/GRA-39	4	5	2	12	7	10	19	151	11	67	12	24	476
122	Q90120	Radio teletyprwriter set, AN/GRC-142	0	0	0	12	2	0	0	21	0	2	0	0	37
123	Q95810	Radiosonde baseline check set, AN/GMM-1A	0	0	0	0	0	0	0	1	0	0	0	0	1
124	R16476	Rawin set, AN/GMD-1	0	0	0	0	0	0	0	1	0	0	0	0	1
125	R29799	Receiver set, radio, AN/PRR-9	0	8	0	0	0	0	0	0	0	0	45	0	278
126	R50043	Recording set, weather data, AN/TMQ-5	0	0	0	0	0	0	0	1	0	0	0	0	1
127	U81707	Switchboard, telephone, manual, SB-22/PT	0	1	1	7	7	2	5	39	11	4	7	3	135
128	U82255	Switchboard, telephone, manual, SB-86/P	0	0	0	0	0	0	0	2	0	1	0	0	3
129	V30252	Telephone set, TA-1/PT	0	0	0	0	52	0	33	24	10	40	77	22	709
130	V31211	Telephone set, TA-312/PT	0	11	18	285	52	21	38	567	148	229	63	38	1,941
131	V38758	Teletypewriter, TT-537/G	0	0	0	0	0	0	0	4	0	0	0	0	4
132	V57914	Terminal, telegraph-telephone, AN/TCC-29	0	0	1	6	0	2	0	2	0	0	0	0	15
133	X17820	Transmitter set, radio, AN/PRT-4	0	8	0	0	0	0	0	0	0	0	45	0	278
134	Y54817	Wind measuring set, AN/PMQ-6	0	0	0	0	0	0	0	4	0	0	0	0	4
		Class VIIK–Tactical Vehicles													
135	A93125	Armored reconnaissance airborne assault vehicle, full tracked, 152-mm	0	0	0	0	0	0	27	0	0	0	0	0	27
136	D10726	Carrier 81-mm mortar, full tracked (less mortar)	0	0	0	0	0	0	0	0	0	0	9	0	54
137	E02670	Chassis trailer, general purpose, 3½-ton, 2-wheel, WE	0	0	0	0	0	0	0	0	1	0	0	0	1
138	E02807	Chassis trailer, generator, 2½-ton, 2-wheel WE	0	0	0	0	0	0	0	0	1	2	0	0	3
139	E56578	Combat engineer vehicle, full tracked	0	0	0	0	8	0	0	0	0	0	0	0	8
140	K90188	Instrument repair shop, truck mounted, 2½-ton, 6×6, WE	0	0	0	0	0	0	0	0	6	0	0	0	6
141	S70243	Semitrailer, low bed, wrecker 12-ton, 4-wheel, 40-ft, WE	0	0	0	0	0	0	0	0	1	0	0	0	1
142	S70517	Semitrailer, low bed, 25-ton, 4 wheel, WE	0	0	0	0	10	0	0	0	0	0	0	0	10
143	S72024	Semitrailer, stake, 12-ton, 4-wheel, WE	0	0	0	0	0	0	0	0	37	0	0	0	37
144	S72983	Semitrailer, tank, fuel servicing, 5,000-gal, 12-ton, 4-wheel, WE	0	0	0	0	0	0	0	0	25	0	0	0	25
145	S74079	Semitrailer van, cargo, 12-ton, 4-wheel, WE	0	0	0	0	0	0	0	0	7	0	0	0	7
146	S74490	Semitrailer, van, expansible 6-ton, 4-wheel (Army)	0	0	0	0	0	0	0	0	1	0	0	0	1
147	S74832	Semitrailer, van, rep parts storage, 6-ton, 4-wheel WE	0	0	0	0	1	0	0	0	18	0	0	0	19
148	W94030	Trailer, ammunition, 1½-ton 2-wheel, WE	0	0	0	0	0	0	2	0	0	0	0	0	2
149	W95263	Trailer, cable reel, 3½-ton 2-wheel, WE	0	0	0	0	2	0	0	0	0	0	0	0	2
150	W95400	Trailer, cargo, ¼-ton, 2-wheel, WE	13	45	3	18	18	13	16	78	66	31	34	20	611

Table 2–3 Summary of Equipment–Type of Mechanized Division (With Mobile Assault Bridge)–Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	*LIN*	*Nomenclature*	*HHC (37-4H)*	*MP co (19-27H)*	*Div avn co (37-87H)*	*Sig bn (11-35H)*	*Engr bn (5-145H)*	*Three bde HHC (37-42H) (ea)*	*Armd cav sqdn (17-105H)*	*Div arty (6-300H)*	*DISCOM (29-11H)*	*ADA bn (44-325H)*	*Six inf bn (mech) (7-45H) (ea)*	*Four tank bn (17-35H) (ea)*	*Div total (37H)*
151	W95537	Trailer, cargo, ¾-ton, 2-wheel, WE			3	16	3	0	1	12	22	18	0	0	86
152	W95811	Trailer, cargo, 1½-ton, 2-wheel, WE	5	2	3	18	66	4	23	50	174	31	16	19	556
153	W98825	Trailer, tank, water, 400-gal, 1½-ton, 2-wheel, WE	1	0	1	4	6	1	5	24	19	5	5	5	118
154	X38639	Truck, ambulance, ¼-ton, 4x4, WE	2	0	0	0	1	0	0	1	0	0	0	0	4
155	X38776	Truck, ambulance, ¾-ton, 4x4, WE	0	0	0	0	0	0	0	0	32	0	0	0	32
156	X38961	Truck, ambulance, 1¼-ton, 6x6, WE	0	0	0	0	0	0	1	5	0	1	1	1	17
157	X39735	Truck, cargo, ¾-ton, 4x4, WE	5	6	4	27	5	0	0	22	31	10	0	0	110
158	X39883	Truck, cargo, 1¼-ton, 4x4, WE	0	0	0	36	0	0	0	0	0	0	0	0	36
159	X39940	Truck, cargo, 1¼-ton, 6x6, WE	0	0	0	40	19	6	9	87	0	22	7	7	265
160	X40009	Truck, cargo, 2½-ton, 6x6, WE	1	1	6	29	34	4	18	94	153	26	14	14	514
161	X40146	Truck, cargo, 2½-ton, 6x6, w/winch, WE	1	2	1	16	3	1	4	20	14	0	2	6	100
162	X40283	Truck, cargo, 2½-ton, 6x6, XLW8, WE	0	0	0	0	0	0	0	2	0	2	0	0	4
163	X40794	Truck, cargo, drop-side; 5-ton, 6x6, WE	0	0	0	0	0	0	0	0	6	0	0	0	6
164	X40831	Truck, cargo, 5-ton, 6x6, LW8 WE	0	0	2	0	0	0	0	5	2	5	0	0	14
165	X40931	Truck, cargo, drop-side, 5-ton, 6x6, w/winch, WE	0	0	0	0	1	0	0	0	0	0	0	0	1
166	X40968	Truck, cargo, 5-ton, 6x6, LW8, w/winch, WE	0	0	0	0	0	0	0	0	0	4	0	0	4
167	X41310	Truck, cargo, 5-ton, 8x8, WE	0	0	0	0	1	0	6	0	0	6	6	6	73
168	X41327	Truck, cargo, 5-ton, 8x8, w/winch, WE	0	0	0	0	0	0	5	0	0	0	0	0	5
169	X41615	Truck, cargo, 8-ton, 4x4, WE	0	0	0	0	0	0	5	72	0	0	5	5	127
170	X43708	Truck, dump, 5-ton, 6x6, WE	0	0	0	0	16	0	0	0	0	0	0	0	16
171	X43845	Truck, dump, 5-ton, 6x6, w/winch, WE	0	0	0	0	6	0	0	0	0	0	0	0	6
172	X57271	Truck, tank, fuel servicing, 2½-ton, 6x6, WE	0	0	0	0	0	0	0	1	0	0	0	0	1
173	X58078	Truck, tank, fuel servicing, 2,500-gal, 4x4, WE	0	0	0	0	4	0	3	6	0	0	2	0	25
174	X58093	Truck, tank, fuel servicing, 2,500-gal, 4x4, w/winch, WE	0	0	0	0	0	0	0	0	0	0	0	4	16
175	X59052	Truck, tractor, 2½-ton, 6x6, WE	0	0	0	0	0	0	0	0	1	0	0	0	1
176	X59326	Truck, tractor, 5-ton, 6x6, WE	0	0	0	0	1	0	0	0	70	0	0	0	71
177	X59463	Truck, tractor, 5-ton, 6x6, w/winch, WE	0	0	0	0	0	0	0	0	1	0	0	0	1
178	X59874	Truck, tractor, 10-ton, 6x6, w/midship winch, w/ low mtd 5th wheel, WE	0	0	0	0	10	0	0	0	0	0	0	0	10
179	X60696	Truck, tractor, wrecker, 5-ton, 6x6, w/winch, WE	0	0	0	0	0	0	0	0	1	0	0	0	1
180	X60833	Truck, utility, ¼-ton, 4x4, WE	17	45	4	25	19	14	26	123	66	31	34	34	738
181	X62237	Truck, van, expansible, 5-ton, 6x6, WE	4	0	0	1	0	0	0	0	1	0	0	0	6
182	X62340	Truck, van, shop, 2½-ton, 6x6, WE	0	0	1	0	1	0	1	3	34	4	0	0	44
183	X63299	Truck, wrecker, 5-ton, 6x6, w/winch, WE	0	0	0	1	0	0	1	5	5	1	0	0	13
184	X63436	Truck, wrecker, 10-ton, 4x4, WE	0	0	0	0	1	0	2	4	6	0	1	1	23
		Class VIII—Missiles													
185	D11681	Carrier, guided missile equipment (TOW)	0	0	0	0	0	0	0	0	0	0	18	0	108
186	G22933	Display set, target alert data (FAAR)	0	0	0	0	0	0	6	16	0	60	6	6	142
187	J95533	Guided missile system, intercept-carrier, mtd (Chaparral)	0	0	0	0	0	0	0	0	0	24	0	0	24
188	L13998	Jack set, leveling spt, launching sta, copter mode (Chaparral)	0	0	0	0	0	0	0	0	0	7	0	0	7
189	L45740	Launcher, tubular guided missile (TOW)	0	0	0	0	0	0	0	0	0	0	18	0	108
190	Q16046	Radar set, AN/MPQ-49 (FAAR)	0	0	0	0	0	0	0	0	0	8	0	0	8

Table 2-3. Summary of Equipment-Type of Mechanized Division (With Mobile Assault Bridge)-Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	*LIN*	*Nomenclature*	*HHC (37-4H)*	*MP co (19-27H)*	*Div avn co (37-87H)*	*Sig bn (11-35H)*	*Engr bn (5-145H)*	*Three bde HHC (37-42H) (ea)*	*Armd cav sqdn (17-105H)*	*Div arty (6-300H)*	*DISCOM (29-11H)*	*ADA bn (44-325H)*	*Six inf bn (mech) (7-45H) (ea)*	*Four tank bn (17-35H) (ea)*	*Div total (37H)*
191	T14440	Shop equipment, guided missile system AN/TSM-95 (Chaparral)	0	0	0	0	0	0	0	0	0	2	0	0	2
192	V79469	Test set, guided missile system (Chaparral)	0	0	0	0	0	0	0	0	0	2	0	0	2
193	V84002	Test set, radar, AN/MPM-59 OMTS (FAAR)	0	0	0	0	0	0	0	0	0	1	0	0	1
		Class VIIM-Weapons													
194	A22496	Aiming circle	0	0	0	0	0	0	3	45	0	0	5	2	86
195	A89820	Armament pod, aircraft, 7 62-mm machinegun, wo weapon	0	0	0	0	0	0	6	0	0	0	0	0	6
196	A89992	Armament subsystem, helicopter, 20-mm automatic gun	0	0	0	0	0	0	4	0	0	0	0	0	4
197	A90118	Armament subsystem, helicopter, 7 62-mm machine-gun, light, wo weapons, WE	0	0	4	0	0	0	8	0	1	0	0	0	13
198	A90437	Armament subsystem, helicopter, 7.62-mm machine-gun, 40-mm launcher, hi rate, wo weapons	0	0	0	0	0	0	9	0	0	0	0	0	9
199	E76866	Computer, gun direction	0	0	0	0	0	0	0	20	0	0	0	0	20
200	J96694	Gun, ADA, sp, 20-mm	0	0	0	0	0	0	0	0	0	24	0	0	24
201	L44174	Launcher, grenade, acft, 40-mm, left or right hand feed	0	0	0	0	0	0	9	0	0	0	0	0	9
202	L44595	Launcher, grenade, 40-mm single shot rifle, mtd, detachable, WE	0	16	6	8	86	5	82	210	58	68	82	18	1,113
203	L45016	Launcher, rocket, acft, 2.75-in	0	0	0	0	0	0	12	0	0	0	0	0	12
204	L45063	Launcher, rocket, acft, 2.75-in, 19 tube (repairable)	0	0	0	0	0	0	20	0	0	0	0	0	20
205	L45123	Launcher, rocket, multiple, 115-mm	0	0	0	0	0	0	0	9	0	0	0	0	9
206	L45250	Launcher, rocket, 66-mm, 4-tube	0	0	0	0	0	0	10	0	0	0	9	5	84
207	L91838	Machinegun, caliber .50, hb flex, vehicle mtd	0	0	0	0	42	1	63	129	4	20	86	17	845
208	L91975	Machinegun, caliber .50, hb flex, for ground use	2	0	0	0	0	3	32	0	0	0	26	14	255
209	L92260	Machinegun, 7 62-mm, acft, light, door mtd	0	0	8	0	0	0	16	0	2	0	0	0	26
210	L92323	Machinegun, 7.62-mm, 6 barrels	0	0	0	0	0	0	15	0	0	0	0	0	15
211	L92386	Machinegun, 7.62-mm, light, flex	0	10	3	10	15	0	23	160	58	20	49	0	593
212	M68008	Mortar, 81-mm, on mount	0	0	0	0	0	0	0	0	0	0	9	0	54
213	M68282	Mortar, 4.2-inch, on mount	0	0	0	0	0	0	9	0	0	0	4	4	49
214	M75577	Mount, tripod, machinegun, heavy, caliber 50	2	0	0	0	40	3	32	120	0	16	106	14	911
215	M75714	Mount, tripod, machinegun, 7 62-mm	0	5	3	10	15	0	13	160	58	20	49	0	578
216	N82364	Periscope, battery command	0	0	0	0	0	0	0	20	0	0	1	1	30
217	N96741	Pistol, caliber .45, automatic	38	151	0	12	71	17	253	125	90	22	116	279	2,625
218	Q13770	Radar chronograph set	0	0	0	0	0	0	0	2	0	0	0	0	2
219	R12989	Range finder, fire control, WE (laser)	0	0	0	0	0	0	9	32	0	0	0	3	53
220	R91107	Revolver, caliber .38, 2-inch barrel	0	2	0	0	0	0	0	0	0	0	0	0	2
221	R91244	Revolver, caliber .38, special, 4-in barrel	3	0	27	0	0	5	71	17	10	0	0	0	143
222	R94977	Rifle, 5.56-mm, WE	146	186	70	598	893	91	561	2,488	2,103	560	735	273	13,380
223	U56346	Rifle, recoilless, 90-mm	0	8	0	0	0	0	0	0	0	0	0	0	8
224	U56346	Submachinegun, caliber .45	0	0	0	0	4	7	64	18	0	0	13	122	673
		Class VIIO-Combat Vehicles													
225	D10741	Carrier, 107-mm, mortar, sp (less mortar)	0	0	0	0	0	0	9	0	0	0	4	4	49

Table 2–3. Summary of Equipment–Type of Mechanized Division (With Mobile Assault Bridge)–Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	*LIN*	*Nomenclature*	*HHC (37-4H)*	*MP co (19-27H)*	*Div avn co (37-87H)*	*Sig bn (11-35H)*	*Engr bn (5-145H)*	*Three bde HHC (37-42H) (ea)*	*Armd cav sqdn (17-105H)*	*Div arty (6-300H)*	*DISCOM (29-11H)*	*ADA bn (44-325H)*	*Six inf bn (mech) (7-45H) (ea)*	*Four tank bn (17-35H) (ea)*	*Div total (37H)*
226	D11049	Carrier, cargo, tracked, 6-ton	0	0	0	0	0	0	0	66	0	0	0	0	66
227	D11401	Carrier, command and recon armored	0	0	0	0	0	0	50	0	0	0	11	9	152
228	D11538	Carrier, command post, light, tracked	2	0	0	0	3	5	6	35	0	0	6	6	121
229	D12087	Carrier, personnel, full tracked, armored	0	0	0	0	40	0	25	0	0	16	52	9	429
230	K56981	Howitzer, heavy, self propelled, 8-in	0	0	0	0	0	0	0	12	0	0	0	0	12
231	K57667	Howitzer, medium, self propelled, 155-mm	0	0	0	0	0	0	0	54	0	0	0	0	54
232	R50544	Recovery vehicle, full tracked, light armored	0	0	0	0	0	1	5	8	0	4	6	2	64
233	R50681	Recovery vehicle, full tracked, medium	0	0	0	0	2	0	0	1	4	0	0	5	27
234	V13101	Tank, combat, full tracked, 105-mm, gun	0	0	0	0	0	0	0	0	0	0	0	54	216
		Class VIIQ–Marine Equipment													
235	B83856	Boat, landing, inflatable, assault craft, nylon cloth, 15-man	0	0	0	0	18	0	0	0	0	0	0	0	18
236	B84404	Boat, recon pneu, 3-man	0	0	0	0	31	0	0	0	0	0	0	0	31
		Class VIIU–COMSEC Materiel													
237	E45766	Code changer key, KIK-18/TSEC	0	0	8	0	0	2	11	3	1	9	0	0	38
238	E45820	Code changer key, KYK-28/TSEC	3	6	8	9	8	2	17	38	14	17	4	6	174
239	H02300	Electronic teletypewriter security equipment, TSEC/KW-7	0	0	1	50	2	3	2	22	0	2	1	1	98
240	P43177	Power supply assembly, vehicular, Z-ACD	9	9	1	19	23	4	19	86	17	18	8	15	321
241	U01295	Speech security equipment, airborne, TSEC/KY-28	0	0	10	0	0	4	27	0	1	0	0	0	50
242	U01305	Speech security equipment, TSEC/KY-38	9	9	1	19	23	4	19	86	20	18	8	15	324
243	V08721	Tactical digital regenerative repeater, portable, HYL-3/TSEC	0	0	0	6	1	1	1	18	0	0	0	1	33
		Class VIIW–Ground: Construction and MHE													
244	C20414	Bridge, armored vehicle launch, scissor type, cl-60, alum, 60-ft length of span	0	0	0	0	6	0	0	0	0	0	0	2	14
245	F39241	Crane, wheel mtd, 5-ton dsl, 4x4 rough terrain, air trans	0	0	0	0	0	0	0	0	4	0	0	0	4
246	F39378	Crane, wheel mtd, 20-ton, w/boom, crane, 30-ft, w/block and tackle, 20-ton	0	0	0	0	3	0	0	0	0	0	0	0	3
247	H32869	Fairlead roller and sheave, 12½-ton crane-shovel crlr, 20-ton crane-shovel trk	0	0	0	0	1	0	0	0	0	0	0	0	1
248	J74852	Grader, road, motorized, dsl drvn, hv, 6x4, front-whl steer	0	0	0	0	4	0	0	0	0	0	0	0	4
249	V09730	Tagline crane, and crane-shovel, ¾ to 1 cu yd bucket	0	0	0	0	2	0	0	0	0	0	0	0	2
250	W76816	Tractor, full tracked, low speed, dsl, medium DBP, w/bulldozer, w/scarif winch	0	0	0	0	8	0	0	0	0	0	0	0	8
251	X48914	Truck lift, fork, dsl drvn, 6,000-lb cap, rough terrain	0	0	0	0	1	0	2	0	5	0	0	0	8

Table 2–4. Summary of Equipment–Armored, Infantry and Mechanized Division Artillery

1	2	3	4	5	6	7	8	9	10	11
			FA BN							
1	*LIN*	*Nomenclature*	*HHB armd, inf, and mech div (6-302H)*	*Three 105-mm towed, inf div (6-155H)* (1)	(3)	*Three 155-mm, SP, armd and mech div (6-365H)* (1)	(3)	*155-mm, towed/8-in, SP, inf Div (6-165H)*	*8-in, SP, armd and mech div (6-395H)*	*Armd and mech div arty total (6-300H)*	*Inf div arty total (6-100H)*
		Class IIA–Air									
2	M02504	Maintenance platform, hydraulic, adjustable type, 3 to 7 ft high	2	0	0	0	0	0	0	2	2
		Class IIB–Troop Support									
3	K39774	Hoisting unit, truck mounting, organizational maint set no 7	1	0	0	0	0	0	0	1	1
4	L64542	Light set, operational area, acft, ½ KW, heliport, (Army)	1	0	0	0	0	0	0	1	1
5	W32867	Shop equipment, auto maint, and rep, org sup no 1, less power	1	0	0	0	0	0	0	1	1
		Class IIG–Electronics									
6	C68719	Cable, telephone WO-1/TT OR-8 1,320 ft	22	82	246	104	312	58	53	421	360
7	C68856	Cable, telephone, WD-1/TT RL-159/U 5,280 ft	51	60	180	60	180	63	56	320	327
8	C68993	Cable, telephone, WD-1/TT, 2 cond, field wire	34	23	69	28	84	38	14	158	167
9	U82529	Switchboard, telephone, manual, SB-993/GT	0	0	0	0	0	0	0	2	2
10	V30937	Telephone set, TA-264/PT	2	1	3	1	3	1	1	7	7
		Class VIIA–Air									
11	K31042	Helicopter, observation, OH-58A	14	0	0	0	0	0	0	14	14
12	W62611	Tool set, aviation unit, maint, set no 1, airmobile	2	0	0	0	0	0	0	2	2
13	X23227	Transporter, airmobile, hydraulic lift, for shelter and X-4 container	1	0	0	0	0	0	0	1	1
		Class VIIB–Troop support									
14	E69242	Compressor, RCP, power drvn, air rec, gas drvn, 15 CFM, 175 PSI	0	1	3	1	3	1	1	5	5
15	E70064	Compressor, RCP, power drvn, trk, 2-whl, pneu tires, gas drvn, 5 CFM, 175 PSI	1	5	15	5	15	6	5	24	25
16	E70201	Compressor, RCP, power drvn, trk, 2-whl, pneu tires, gas drvn, 8 CFM, 175 PSI	1	0	0	0	0	0	0	1	1
17	G02204	Detecting set, mine, ptbl, metallic and nonmetallic	1	5	15	5	15	6	5	24	25
18	G02341	Detecting set, mine, ptbl, metallic (AN/PSS-11)	1	5	15	5	15	6	5	24	25
19	J41452	Generator set, gas eng, tlr mtd, 10 kw, 400 HZ, mtd on M103 PU-304/MPQ-4	0	1	3	1	3	0	0	3	3
20	J42685	Generator set, gas eng, 0.3 kw AC 115V, 1 ph, 400 HZ, DC 24 to 35V	1	0	0	0	0	0	0	1	1
21	J42976	Generator set, gas eng, 0.5 kw, 60 cycles, 1 ph, AC, 120/240V, shock mtd	1	0	0	0	0	0	0	1	1
22	J43027	Generator set, gas eng, 0.5 kw, 400 HZ, 1 ph, AC 120/240V skid shock tac util	2	0	0	0	0	0	0	2	2

Table 2–4. Summary of Equipment–Armored, Infantry and Mechanized Division Artillery–Continued

1	2	3	4	5	6	7	8	9	10	11
			FA BN							
1	*LIN*	*Nomenclature*	*HHB armd, inf, and mech div (6-302H)*	*Three 105-mm towed, inf div (6-155H)* (1)	(3)	*Three 155-mm, SP, armd and mech div (6-365H)* (1)	(3)	*155-mm, towed/8-in, SP, inf Div (6-165H)*	*8-in, SP, armd and mech div (6-395H)*	*Armd and mech div arty total (6-300H)*	*Inf div arty total (6-100H)*
23	J43918	Generator set, gas eng, 1.5 kw, 60 HZ, 1 ph, 2 wire, AC 120V shock tac util	5	6	18	6	18	6	6	33	33
24	J44055	Generator set, gas eng, 1.5 kw, DC 28V, shock, tac util	6	15	45	6	18	13	6	40	74
25	J45836	Generator set, gas eng, 3 kw, 400 HZ, 1-3 ph, AC 120/208/240V, tac util	4	2	6	8	24	10	8	42	26
26	J46110	Generator set, gas eng, 3 kw, DC 28V skid-shock, tblr frame mtd, tac util	1	2	6	2	6	2	2	11	11
27	J47617	Generator set, gas eng, tlr mtd, 5 kw, 60 HZ, 2 ea, mtd on M116 PU-620	7	1	3	2	6	2	5	21	15
28	J49055	Generator set, gas eng, 7.5 kw, DC 28.5V, whl mtd	2	0	0	0	0	0	0	2	2
29	L64131	Light set, marker, emergency, afld runway, ptbl, battery op	1	0	0	0	0	0	0	1	1
30	P96640	Pumping assembly, flammable liquid, bulk transfer	1	0	0	0	0	0	0	1	1
31	U69083	Surveying instrument, azimuth gyro, lightweight (SIAGL)	2	1	3	1	3	2	1	8	9
32	U69357	Surveying instrument, distance meas, electronic mwave, minatzd purpose	6	0	0	0	0	0	3	9	6
33	V12141	Tank and pump unit, liquid dispensing, truck mounting	1	1	3	1	3	1	2	7	6
34	V19950	Tank unit, liquid dispensing, tlr mounting	0	0	0	1	3	1	2	5	1
35	V71450	Test set, computer logic unit	1	1	3	1	3	1	1	6	6
36	W07701	Theodolite survey, direct, 0.002 mil, 30 porm, 5 power detach tribrch	6	0	0	0	0	0	0	6	6
37	W07838	Theodolite survey, direct 0.2 mil w/tripod and carrying case	0	2	6	2	6	3	6	14	11
38	W32593	Shop equipment, auto maint and rep, om common no 1, less power	1	5	15	5	15	6	5	24	25
39	W32730	Shop equipment, auto maint and rep, om common no 2, less power	0	1	3	1	3	1	1	5	5
40	W65747	Tool set, vehicle, full tracked, org maint suppl no 2, less power	0	0	0	1	3	1	1	4	1
		Class VIIG–Electronics									
41	C69541	Cable, telephone, WF-16/U	10	0	0	0	0	0	0	10	10
42	M36739	Meteorological station, manual, AN/TMQ-4	1	0	0	0	0	0	0	1	1
43	N15518	Night vision sight, tripod mounted, AN/TVS-4	0	1	3	1	3	1	1	4	4
44	Q15414	Radar set, AN/MPQ-4, less power	0	1	3	1	3	0	0	3	3
45	Q17332	Radar set, AN/TPS-25, less power	1	0	0	0	0	0	0	1	1
46	Q32756	Radio set, AN/GRC-106	1	0	0	0	0	0	0	1	1

Table 2—4. Summary of Equipment—Armored, Infantry and Mechanized Division Artillery—Continued

1	2	3	4	5	6	7	8	9	10	11
			FA BN							
1 LIN	Nomenclature	HHB armd, inf, and mech div (6-302H)	Three 105-mm towed, inf div (6-155H) (1)	(3)	Three 155-mm, SP, armd and mech div (6-365H) (1)	(3)	155-mm, towed/8-in, SP, inf Div (6-165H)	8-in, SP, armd and mech div (6-395H)	Armd and mech div arty total (6-300H)	Inf div arty total (6-100H)
47 Q34308	Radio set, AN/GRC-160	6	13	39	15	45	5	4	57	52
48 Q38299	Radio set, AN/PRC-77	3	4	12	4	12	6	9	24	21
49 Q38335	Radio set, AN/PRC-90	28	0	0	0	0	0	0	28	28
50 Q53001	Radio set, AN/VRC-46	11	17	51	16	48	19	21	98	99
51 Q54174	Radio set, AN/VRC-47	2	6	18	6	18	7	6	30	31
52 Q55114	Radio set, AN/VRC-49	1	5	15	5	15	1	1	18	18
53 Q56783	Radio set, AN/VRC-64	0	2	6	2	6	2	3	10	9
54 Q78282	Radio set, control group, AN/GRA-39	13	32	96	36	108	20	18	151	141
55 Q90120	Radio teletypewriter set, AN/GRC-142	7	1	3	2	6	2	5	21	15
56 Q95810	Radiosonde baseline check set, AN/GMM-1A	1	0	0	0	0	0	0	1	1
57 R16476	Rawin set, AN/GMD-1	1	0	0	0	0	0	0	1	1
58 R50043	Recording set, weather data, AN/TMQ-5	1	0	0	0	0	0	0	1	1
59 U81707	Switchboard, telephone, manual, SB-22/PT	2	8	24	8	24	9	8	39	40
60 U82255	Switchboard, telephone, manual, SB-86/P	2	0	0	0	0	0	0	2	2
61 V30252	Telephone set, TA-1/PT	0	6	18	6	18	10	6	24	28
62 V31211	Telephone set, TA-312/PT	48	119	357	118	354	105	87	567	588
63 V38758	Teletypewriter, TT-537/G	1	0	0	0	0	0	0	4	4
64 V57914	Terminal, telegraph-telephone, AN/TCC-29	2	0	0	0	0	0	0	2	2
65 Y54817	Wind measuring set, AN/PMQ-6	0	0	0	0	0	0	0	4	4
	Class VIIK—Tactical Vehicles									
66 W94030	Trailer, ammunition, 1½-ton, 2-wheel, WE	0	16	48	0	0	0	0	0	48
67 W95400	Trailer, cargo, ¼-ton, 2-wheel, WE	5	23	69	20	60	12	7	78	92
68 W95537	Trailer, cargo, ¾-ton, 2-wheel, WE	6	5	15	0	0	7	0	12	34
69 W95811	Trailer, cargo, 1½-ton, 2-wheel, WE	9	8	24	8	24	11	8	50	53
70 W98825	Trailer, tank, water, 400-gallon, 1½-ton, 2-wheel, WE	1	5	15	5	15	6	5	24	25
71 X38639	Truck, ambulance, ¼-ton, 4x4, WE	1	0	0	0	0	0	0	1	1
72 X38961	Truck, ambulance, 1¼-ton, 6x6, WE	0	1	3	1	3	1	1	5	5
73 X39735	Truck, cargo, ¾-ton, 4x4, WE	13	5	15	0	0	10	0	22	47
74 X39940	Truck, cargo, 1¼-ton, 6x6, WE	7	10	30	16	48	8	22	87	55
75 X40009	Truck, cargo, 2½-ton, 6x6, WE	10	40	120	16	48	17	20	94	163
76 X40146	Truck, cargo, 2½-ton, 6x6, w/winch, WE	2	14	42	5	15	5	0	20	52
77 X40283	Truck, cargo, 2½-ton, 6x6, XLWB, WE	0	0	0	0	0	0	0	2	2
78 X40831	Truck, cargo, 5-ton, 6x6, LWB, WE	1	1	3	1	3	0	0	5	5
79 X41310	Truck, cargo, 5-ton, 8x8, WE	0	0	0	0	0	18	0	0	18
80 X41327	Truck, cargo, 5-ton, 8x8, w/winch, WE	0	0	0	0	0	10	0	0	10
81 X41615	Truck, cargo, 8-ton, 4x4, WE	0	0	0	18	54	16	18	72	16
82 X57271	Truck, tank, fuel servicing, 2½-ton, 6x6, WE	1	0	0	0	0	0	0	1	1
83 X58078	Truck, tank, fuel servicing, 2,500-gal, 4x4, WE	0	0	0	2	6	0	0	6	0

Table 2–4. Summary of Equipment–Armored, Infantry and Mechanized Division–Continued

1	2	3	4	5	6	7	8	9	10	11
			FA BN							
1	LIN	Nomenclature	HHB armd, inf, and mech div (6-302H)	Three 105-mm towed, inf div (6-155H) (1)	(3)	Three 155-mm, SP, armd and mech div (6-365H) (1)	(3)	155-mm, towed/8-in, SP, inf Div (6-165H)	8-in, SP, armd and mech div (6-395H)	Armd and mech div arty total (6-300H)	Inf div arty total (6-100H)
84	X60833	Truck, utility, ¼-ton, 4x4,WE	12	30	90	26	78	19	22	123	132
85	X62340	Truck, van, shop, 2½-ton, 6x6, WE	0	0	0	0	0	1	3	3	1
86	X63299	Truck, wrecker, 5-ton, 6x6, w/winch, WE	0	1	3	0	0	0	0	5	8
87	X63436	Truck, wrecker, 10-ton, 4x4, WE	0	0	0	1	3	1	1	4	1
		Class VIIL–Missiles									
88	G22933	Display set, target alert data, (FAAR)	0	4	12	4	12	5	4	16	17
		Class VIIM–Weapons									
89	A22496	Aiming circle	1	9	27	9	27	11	9	45	47
90	E76866	Computer, gun direction	1	1	3	4	12	5	4	20	12
91	K57392	Howitzer, light, towed, 105-mm	0	18	54	0	0	0	0	0	54
92	K57803	Howitzer, medium, towed, 155-mm	0	0	0	0	0	18	0	0	18
93	L44595	Launcher, grenade, 40-mm, single shot, rifle mtd, detachable, WE	4	25	75	50	150	41	39	210	137
94	L45123	Launcher, rocket, multiple, 115-mm	0	3	9	3	9	0	0	9	9
95	L91838	Machine gun, caliber 50, HB, flexible, vehicle mtd	0	0	0	38	114	5	15	129	5
96	L92386	Machinegun, 7.62-mm, light, flexible	10	31	93	32	96	41	35	160	163
97	M75577	Mount, tripod, machinegun, heavy, caliber .50	0	0	0	36	108	4	12	120	4
98	M75714	Mount, tripod, machinegun, 7 62-mm	10	31	93	32	96	41	35	160	163
99	N82364	Periscope, battery command	0	4	12	4	12	2	8	20	14
100	N96741	Pistol, caliber .45, automatic	22	19	57	23	69	25	25	125	113
101	Q13770	Radar chronograph set	2	0	0	0	0	0	0	2	2
102	R12989	Range finder, fire control, WE (laser)	0	10	30	10	30	2	2	32	32
103	R91244	Revolver, caliber 38, special, 4-in barrel	17	0	0	0	0	0	0	17	17
104	R94977	Rifle, 5.56-mm WE	198	465	1,395	518	1,554	591	491	2,488	2,429
105	U56346	Submachinegun, caliber .45	0	0	0	4	12	2	6	18	2
		Class VIIO–Combat Vehicles									
106	D11049	Carrier, cargo, tracked, 6-ton	0	0	0	18	54	4	12	66	4
107	D11538	Carrier, command post, light tracked	0	0	0	10	30	1	5	35	1
108	K56981	Howitzer, heavy, self propelled, 8-in	0	0	0	0	0	4	12	12	4
109	K57667	Howitzer, medium, self propelled, 155-mm	0	0	0	18	54	0	0	54	0
110	R50544	Recovery vehicle, full tracked, light armored	0	0	0	2	6	0	2	8	0
111	R50681	Recovery vehicle, full tracked, medium	0	0	0	0	0	1	1	1	1
		Class VIIU–COMSEC Materiel									
112	E45766	Code changer key, KIK-18/TSEC	3	0	0	0	0	0	0	3	3
113	E45820	Code changer key, KYK-28/TSEC	2	10	30	7	21	7	10	38	44
114	H02300	Electronic teletypewriter security equipment, TSEC/KW-7	8	1	3	2	6	2	5	22	16
115	P43177	Power supply assembly, vehicular, Z-ACD	8	15	45	17	51	17	17	86	80
116	U01305	Speech security equipment, TSEC/KY-38	8	15	45	17	51	17	17	86	80
117	V08721	Tactical digital regenerative repeater, portable, HYL-3/TSEC	1	5	15	5	15	1	1	18	18

Table 2–5. Summary of Equipment–Field Artillery Battalions, 105-mm, Towed, and 155-mm, Towed/8-in, Self-Propelled, Infantry Division

1	2	3	4	5	6	7	8	9	10	11	12	13
		105-mm, Towed					155-mm, towed/8-in, SP					
			Three FA btry 105-mm, towed (6-157H)					Three FA btry 155-mm, towed (6-167H)				
1	LIN Nomenclature	HHB (6-156H)	(1)	(3)	Svc btry (6-159H)	Bn total (6-155H)	HHB (6-166H)	(1)	(3)	FA btry 8-in, SP (6-358H)	Svc btry (6-169H)	Bn total (6-165H)
	Class IIG–Electronics											
2	C68719 Cable, telephone, WO-1/TT OR-8 1,320 ft	29	17	51	2	82	14	11	33	9	2	58
3	C68856 Cable, telephone, WD-1/TT, RL-159/U, 5,280 ft	39	7	21	0	60	35	7	21	7	0	63
4	C68993 Cable, telephone, WD-1/TT, 2 cond, field wire	10	3	9	4	23	10	6	18	6	4	38
5	V30937 Telephone set, TA-264/PT	1	0	0	0	1	1	0	0	0	0	1
	Class VIIB–Troop Support											
6	E69242 Compressor, RCP, power drvn, air rec, gas drvn, 15 CFM, 175 PSI	0	0	0	1	1	0	0	0	0	1	1
7	E70064 Compressor, RCP, power drvn, trk, 2-whl, pneu tires, gas drvn, 5 CFM, 175 PSI	1	1	3	1	5	1	1	3	1	1	6
8	G02204 Detecting set, mine, ptbl, metallic and nonmetallic	1	1	3	1	5	1	1	3	1	1	6
9	G02341 Detecting set, mine, ptbl, metallic (AN/PSS-11)	1	1	3	1	5	1	1	3	1	1	6
10	J41452 Generator set, gas eng, tlr mtd, 10 kw, 400 hz, mtd on M103 PU-304/MPQ-4	1	0	0	0	1	0	0	0	0	0	0
11	J43918 Generator set, gas eng, 1.5 kw, 60 hz, 1 ph, 2 wire, AC 120V, shock, tac util	1	1	3	2	6	1	1	3	0	2	6
12	J44055 Generator set, gas eng, 1.5 kw, DC 28V, shock, tac util	8	2	6	1	15	5	2	6	1	1	13
13	J45836 Generator set, gas eng, 3 kw, 400 hz, 1-3 ph, AC 120/208/240V, tac util	2	0	0	0	2	2	2	6	2	0	10
14	J46110 Generator set, gas eng, 3 kw, DC 28V, skid-shock, tblr frame mtd, tac util	0	0	0	2	2	0	0	0	0	2	2
15	J47617 Generator set, gas eng, tlr mtd, 5 kw, 60 hz, 2 ea, mtd on M116 PU-620	1	0	0	0	1	2	0	0	0	0	2
16	U69083 Surveying instrument, azimuth gyro, lightweight (SIAGL)	1	0	0	0	1	2	0	0	0	0	2
17	V12141 Tank and pump unit, liquid dispensing, truck mounting	0	0	0	1	1	0	0	0	0	1	1
18	V19950 Tank unit, liquid dispensing, trailer mounting	0	0	0	0	0	0	0	0	0	1	1
19	V71450 Test set, computer logic unit	1	0	0	0	1	1	0	0	0	0	1
20	W07838 Theodolite, survey, direct 0.2 mil, w/tripod and carrying case	2	0	0	0	2	3	0	0	0	0	3
21	W32593 Shop equipment, auto maint and rep, OM common no 1, less power	1	1	3	1	5	1	1	3	1	1	6
22	W32730 Shop equipment, auto maint and rep, OM common no 2, less power	0	0	0	1	1	0	0	0	0	1	1
23	W65747 Tool set, vehicle, full tracked, org maint suppl no 2, less power	0	0	0	0	0	0	0	0	0	1	1

Table 2–7. Summary of Equipment–Air Defense Artillery Battalion, Chaparral/Vulcan, Self-Propelled, Armored, Infantry, and Mechanized Divisions–Continued

1		2	3	4	5	6	7	8
				Two ADA btry, Vulcan, SP (44-327H)		*Two ADA btry, Chap, SP (44-328H)*		
1	*LIN*	*Nomenclature*	*HHB (44-326H)*	*(1)*	*(2)*	*(1)*	*(2)*	*Bn total (44-325H)*
42	X40009	Truck, cargo, 2½-ton, 6x6, WE	4	4	8	7	14	26
43	X40283	Truck, cargo, 2½-ton, 6x6, XLWB, WE	0	0	0	1	2	2
44	X40831	Truck, cargo, 5-ton, 6x6, LWB, WE	1	0	0	2	4	5
45	X40968	Truck, cargo, 5-ton, 6x6, w/winch, WE	0	2	4	0	0	4
46	X41310	Truck, cargo, 5-ton, 8x8, WE	0	3	6	0	0	6
47	X60833	Truck, utility, ¼-ton, 4x4, WE	11	5	10	5	10	31
48	X62340	Truck, van, shop, 2½-ton, 6x6, WE	0	1	2	1	2	4
49	X63299	Truck, wrecker, 5-ton, 6x6, w/winch, WE	1	0	0	0	0	1
		Class VIIL–Missiles						
50	G22933	Display set, target alert data (FAAR)	0	15	30	15	30	60
51	J95533	Guided missile system intercept, carrier mtd (Chaparral)	0	0	0	12	24	24
52	L13998	Jack set, leveling, spt launching sta, copter mode (Chaparral)	1	0	0	3	6	7
53	Q16046	Radar set, AN/MPQ-49 (FAAR)	8	0	0	0	0	8
54	T14440	Shop equipment, guided missile system, AN/TSM-95 (Chaparral)	0	0	0	1	2	2
55	V79469	Test set, guided missile system (Chaparral)	0	0	0	1	2	2
56	V84002	Test set, radar, AN/MPM-59, OMTS (FAAR)	1	0	0	0	0	1
		Class VIIM–Weapons						
57	J96694	Gun air defense artillery, self-propelled, 20-mm	0	12	24	0	0	24
58	L44595	Launcher, grenade, 40-mm, single shot, rifle mtd, detachable, WE	4	16	32	16	32	68
59	L91838	Machinegun, caliber .50, HB flexible, vehicle mtd	0	5	10	5	10	20
60	L92386	Machinegun, 7.62-mm, light, flexible	4	4	8	4	8	20
61	M75577	Mount, tripod, machinegun, heavy, caliber .50	0	4	8	4	8	16
62	M75714	Mount, tripod, machinegun, 7.62-mm	4	4	8	4	8	20
63	N96741	Pistol, caliber .45, automatic	10	3	6	3	6	22
64	R94977	Rifle, 5.56-mm, WE	114	105	210	118	236	560
		Class VIIO–Combat Vehicles						
65	D12087	Carrier, personnel, full tracked, armored	0	4	8	4	8	16
66	R50544	Recovery vehicle, full tracked, light, armored	0	1	2	1	2	4
		Class VIIU–COMSEC Materiel						
67	E45766	Code changer key, KIK-18/TSEC	9	0	0	0	0	9
68	E45820	Code changer key, KYK-28/TSEC	1	4	8	4	8	17
69	H02300	Electronic teletypewriter security equipment, TSEC/KW-7	2	0	0	0	0	2
70	P43177	Power supply assembly, vehicular, Z-ACD	2	4	8	4	8	18
71	U01305	Speech security equipment, TSEC/KY-38	2	4	8	4	8	18

Table 2—8. Summary of Equipment—Combat Aviation Battalion, Infantry Division, Engineer Battalion, Armored and Mechanized Divisions (with Mobile Assault Bridge); Engineer Battalion, Infantry Division (with Mobile Assault Bridge)

1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16
			Cbt avn bn				Engr bn, armd and mech divs					Engr bn, inf div				
1	LIN	Nomenclature	HHC (7-76H)	Aslt hel co (7-77H)	Avn GS co (7-78H)	Bn total (7-75H)	HHC (5-146H)	Four cbt engr co (5-147H) (1)	(4)	Brg co (5-148H)	Bn total (5-145H)	HHC (5-156H)	Three cbt engr co (5-157H) (1)	(3)	Brg co (5-148H)	Bn total (5-155H)
		Class IIB—Troop Support														
2	H52010	Filter-separator, liquid fuel, 100 gal per min, 75 PSI, 2-in inlet, 2-in outlet	0	3	0	3	0	0	0	0	0	0	0	0	0	0
3	L64542	Light set, operational area, acft, ½ kw heliport (Army)	0	4	2	6	0	0	0	0	0	0	0	0	0	0
4	P92030	Pump, cntrf, gas drvn, frame mtd, 2-in, 125 gal per min, 50-ft hd	0	0	0	0	5	0	0	0	5	5	0	0	0	5
5	W32867	Shop equipment, auto maint and repair, org sup no 1, less power	1	0	0	1	0	0	0	1	1	0	0	0	1	1
6	W67843	Torch outfit, cutting and welding, set 2	0	0	0	0	0	1	4	0	4	0	1	3	0	3
		Class IIE—General Supply														
7	G68966	Drum, fabric, collapsible, liquid fuel, 500-gal capacity	0	6	4	10	0	0	0	0	0	0	0	0	0	0
		Class IIG—Electronics														
8	C68719	Cable, telephone, WO-1/TT, OR-8 1,320-ft	0	6	6	12	4	6	24	4	32	4	9	27	4	35
9	C68856	Cable, telephone, WD-1/TT, RL-159/U 5,280-ft	0	4	4	8	6	4	16	1	23	6	4	12	1	19
10	C68993	Cable, telephone, WD-1/TT, 2 cond, field wire	0	0	0	0	3	5	20	0	23	3	5	15	0	18
11	U82529	Switchboard, telephone, manual, S8-993/GT	0	0	0	0	0	3	12	0	12	0	3	9	0	9
12	V30937	Telephone set, TA-264/PT	1	0	0	1	0	0	0	0	0	0	0	0	0	0
		Class IIW—Ground														
13	C29490	Bucket, clamshell, ¾-cu yd	0	0	0	0	2	0	0	0	2	2	0	0	0	2
14	C30997	Bucket, dragline, ¾-cu yd	0	0	0	0	1	0	0	0	1	1	0	0	0	1
		Class VIIA—Air														
15	K29660	Helicopter, attack, AH-1G	0	0	6	6	0	0	0	0	0	0	0	0	0	0
16	K30645	Helicopter, observation, OH-6A	0	0	4	4	0	0	0	0	0	0	0	0	0	0
17	K31795	Helicopter, utility, UH-1H	0	25	2	27	0	0	0	0	0	0	0	0	0	0
18	X23227	Transporter, airmobile, hyd lift, for shelter and X-4 container	0	1	0	1	0	0	0	0	0	0	0	0	0	0
		Class VIIB—Troop Support														
19	C25757	Bridge, floating, raft sec, light, tac	0	0	0	0	0	0	0	2	2	0	0	0	2	2
20	E69242	Compressor, RCP, power drvn, air rec, gas drvn, 15 CFM, 175 PSI	0	0	0	0	1	0	0	0	1	1	0	0	0	1
21	E70064	Compressor, RCP, power drvn, trk, 2-whl, pneu tires, gas drvn, 5 CFM, 175 PSI	1	1	1	3	0	1	4	1	5	0	1	3	1	4
22	E73626	Compressor, rotary, power drvn, whbrw frame, 2 pneu tires, gas drvn, 60 CFM, 6.5 PSI	0	0	0	0	0	0	0	2	2	0	0	0	2	2
23	G02204	Detecting set, mine, ptbl metallic and nonmetallic	0	0	0	0	4	13	52	3	59	5	13	39	3	47
24	G02341	Detecting set, mine, ptbl metallic (AN/PSS-11)	0	0	0	0	5	10	40	4	49	5	10	30	4	38
25	G32473	Diving equip set, 1 person scuba, open circuit	0	0	0	0	3	0	0	0	3	3	0	0	0	3
26	H38787	Ferry conversion set, raft, inf spt	0	0	0	0	0	0	0	2	2	0	0	0	2	2

Table 2–B. Summary of Equipment–Combat Aviation Battalion, Infantry Division, Engineer Battalion, Armored and Mechanized Divisions (with Mobile Assault Bridge); Engineer Battalion, Infantry Division (with Mobile Assault Bridge)–Continued

1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16
			Cbt avn bn				*Engr bn, armd and mech divs*					*Engr bn, inf div*				
								Four cbt engr co (5-147H)					*Three cbt engr co (5-157H)*			
1	*LIN*	*Nomenclature*	*HHC (7-76H)*	*Aslt hel co (7-77H)*	*Avn GS co (7-78H)*	*Bn total (7-75H)*	*HHC (5-146H)*	*(1)*	*(4)*	*Brg co (5-148H)*	*Bn total (5-145H)*	*HHC (5-156H)*	*(1)*	*(3)*	*Brg co (5-148H)*	*Bn total (5-155H)*
27	J36383	Generator set, dsl eng, tlr mtd, 30 kw, 60 hz, mtd on M200 PU-406	2	0	0	2	0	0	0	0	0	0	0	0	0	0
28	J41041	Generator set, gas eng, tlr mtd, PU-253/U	1	0	0	1	0	0	0	0	0	0	0	0	0	0
29	J41589	Generator set, gas eng, tlr mtd, PU-322/G	2	0	0	2	0	0	0	0	0	0	0	0	0	0
30	J42100	Generator set, gas eng, tlr mtd, 10 kw, 60 cy, 1 ph, AC 120/240V, PU-619/M	1	0	0	1	0	0	0	0	0	0	0	0	0	0
31	J42976	Generator set, gas eng, 0.5 kw, 60 cy, 1 ph, AC 120/240V, shock mtd	0	4	2	6	0	0	0	0	0	0	0	0	0	0
32	J43918	Generator set, gas eng, 1.5 kw, 60 hz, 1 ph, 2 wire, AC 120V, shock, tac util	2	3	3	8	1	1	4	1	6	2	1	3	1	6
33	J44055	Generator set, gas eng, 1.5 kw, DC 28V, shock, tac util	2	0	0	2	2	1	4	1	7	2	1	3	1	6
34	J45699	Generator set, gas eng, 3 kw, 60 hz, 1-3 ph, 120/240 120/208V, skid, tac util	0	0	0	0	3	3	12	1	16	3	3	9	1	13
35	J46110	Generator set, gas eng, 3 kw, DC 28V, skid-shock, tblr frame mtd, tac util	1	1	1	3	2	0	0	1	3	2	0	0	1	3
36	J47068	Generator set, gas eng, 5 kw, 60 hz, 1-3 ph, AC 120/240 120/208V, skid, tac util	1	1	1	3	0	0	0	0	0	0	0	0	0	0
37	J47617	Generator set, gas eng, tlr mtd, 5 kw, 60 hz, 2 ea, mtd on M116 PU-620	1	0	0	1	2	0	0	0	2	2	0	0	0	2
38	J49398	Generator set, gas eng, 10 kw, 60 hz, 1-3 ph, AC 120/240 120/208V, tac util	0	0	0	0	5	0	0	0	5	5	0	0	0	5
39	L01326	Demineralization equip set, water ion exchange, tlr mtd, 3,000-gal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	L43664	Launch, M60 series, tank chass, transporting, 40- and 60-ft brge, type cl-60	0	0	0	0	0	0	0	4	4	0	0	0	4	4
41	L64131	Light set, marker, emergency, afld runway, ptbl battery op	0	4	3	7	0	0	0	4	4	0	0	0	4	4
42	L85420	Lubricating svc unit, power op, tlr mtd, 15-cu ft, air compressor, gas drvn, wzd	0	0	0	0	1	0	0	0	1	1	0	0	0	1
43	P11866	Pneu tool and compressor outfit, 250 CFM, tlr mtd	0	0	0	0	1	1	4	0	5	1	1	3	0	4
44	P91756	Pump, cntrf, gas drvn, frame mtd, 1½-in, 65 gal per min, 50 ft hd	0	0	0	0	2	0	0	4	6	0	0	0	4	4
45	P96640	Pumping assembly, flammable liquid, bulk transfer	0	3	5	8	0	0	0	0	0	3	0	0	0	3
46	T10138	Shop equip, contact maint, trk mtd	0	0	0	0	1	0	0	1	2	1	0	0	1	2
47	T13152	Shop equip, org rep, light trk mtd	0	0	0	0	1	0	0	0	1	1	0	0	0	1
48	V12141	Tank and pump unit, liquid dispensing, truck mounting	0	0	0	0	1	0	0	0	1	4	0	0	0	4
49	V19950	Tank unit, liquid dispensing, tlr mounting	0	0	0	0	1	0	0	0	1	4	0	0	0	4
50	W32593	Shop equip, auto maint and rep, OM common no 1, less power	1	1	1	3	0	1	4	1	5	0	1	3	1	4

Table 2–8. Summary of Equipment—Combat Aviation Battalion, Infantry Division, Engineer Battalion, Armored and Mechanized Divisions (with Mobile Assault Bridge); Engineer Battalion, Infantry Division (with Mobile Assault Bridge)—Continued

1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16
			Cbt avn bn				*Engr bn, armd and mech divs*					*Engr bn, inf div*				
								Four cbt engr co (5-147H)					*Three cbt engr co (5-157H)*			
1	*LIN*	*Nomenclature*	*HHC (7-76H)*	*Aslt hel co (7-77H)*	*Avn GS co (7-78H)*	*Bn total (7-75H)*	*HHC (5-146H)*	*(1)*	*(4)*	*Brg co (5-148H)*	*Bn total (5-145H)*	*HHC (5-156H)*	*(1)*	*(3)*	*Brg co (5-148H)*	*Bn total (5-155H)*
51	W32730	Shop equip, auto maint and rep, QM common no 2, less power	0	0	0	0	1	0	0	0	1	1	0	0	0	1
52	W65747	Tool set, vehicle, full tracked, org maint suppl no 2, less power	0	0	0	0	1	0	0	0	1	1	0	0	0	1
53	Y35486	Water purif equip set, trk mtd, diatomite filter, 1,500 gal per hr (Army)	0	0	0	0	5	0	0	0	5	5	0	0	0	5
		Class VIIG—Electronics														
54	A28833	Aircraft control, central, AN/TSQ-70, less power	1	0	0	1	0	0	0	0	0	0	0	0	0	0
55	B50869	Beacon set, radio, AN/GRN-6, less power	2	0	0	2	0	0	0	0	0	0	0	0	0	0
56	B67423	Binocular, electronic, AN/PAS-5	0	0	0	0	0	4	16	0	16	0	0	0	0	0
57	H76352	Flight coordination, central, AN/TSC-61, less power	1	0	0	1	0	0	0	0	0	0	0	0	0	0
58	L36402	Landing control, central, AN/TSQ-71, less power	1	0	0	1	0	0	0	0	0	0	0	0	0	0
59	L61631	Light glide angle airport approach, 8V yellow green and red	1	3	1	5	0	0	0	0	0	0	0	0	0	0
60	N04730	Night vision sight, individual, servep weapon, AN/PVS-2	0	0	0	0	3	9	36	0	39	3	9	27	0	30
61	Q34308	Radio set, AN/GRC-160	0	0	0	0	0	9	36	10	46	0	12	36	10	46
62	Q38299	Radio set, AN/PRC-77	0	0	0	0	5	1	4	0	9	5	4	12	0	17
63	Q38335	Radio set, AN/PRC-90	0	50	24	74	0	0	0	0	0	0	0	0	0	0
64	Q53001	Radio set, AN/VRC-46	0	0	0	0	6	1	4	1	11	5	1	3	1	10
65	Q54174	Radio set, AN/VRC-47	0	0	0	0	7	3	12	4	23	4	1	3	4	10
66	Q55114	Radio set, AN/VRC-49	0	0	0	0	1	1	4	0	5	1	0	0	0	1
67	Q56783	Radio set, AN/VRC-64	0	0	0	0	2	2	8	20	30	0	1	3	20	23
68	Q78282	Radio set, control group, AN/GRA-39	0	0	0	0	2	1	4	1	7	2	1	3	1	10
69	Q90120	Radio teletypewriter set, AN/GRC-142	1	0	0	1	2	0	0	0	2	2	0	0	0	2
70	U81707	Switchboard, telephone, manual, SB-22/PT	1	1	1	3	2	1	4	1	7	2	1	3	1	6
71	V30252	Telephone set, TA-1/PT	0	0	0	0	0	12	48	4	52	0	12	36	4	40
72	V31211	Telephone set, TA-312/PT	11	9	7	27	19	7	28	5	52	19	7	21	5	45
73	V42105	Teletypewriter set, AN/PGC-1	1	0	0	1	0	0	0	0	0	0	0	0	0	0
74	V57914	Terminal, telegraph-telephone, AN/TCC-29	1	0	0	1	0	0	0	0	0	0	0	0	0	0
		Class VIIK—Tactical Vehicles														
75	E56578	Cbt eng veh, full tracked	0	0	0	0	0	2	8	0	8	0	1	3	0	3
76	S70517	Semitrailer, low bed, 25-ton, 4-wheel, WE	0	0	0	0	3	1	4	3	10	3	2	6	3	12
77	S74832	Semitrailer, van, repair parts, storage, 6-ton, 4-wheel, WE	0	0	0	0	1	0	0	0	1	1	0	0	0	1
78	W95263	Trailer, cable, reel, 3½-ton, 2-wheel, WE	0	0	0	0	0	0	0	2	2	0	0	0	2	2
79	W95400	Trailer, cargo, ¼-ton, 2-wheel, WE	9	1	2	12	8	1	4	6	18	7	1	3	6	16
80	W95537	Trailer, cargo, ¾-ton, 2-wheel, WE	3	8	3	14	3	0	0	0	3	3	0	0	0	3
81	W95811	Trailer, cargo, 1½-ton, 2-wheel, WE	4	8	8	20	14	11	44	8	66	13	2	6	8	27

Table 2–8. Summary of Equipment–Combat Aviation Battalion, Infantry Division, Engineer Battalion, Armored and Mechanized Divisions (with Mobile Assault Bridge); Engineer Battalion, Infantry Division (with Mobile Assault Bridge)–Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
		Cbt avn bn				*Engr bn, armd and mech divs*					*Engr bn, inf div*				
							Four cbt engr co					*Three cbt engr co*			
1	*LIN*	*Nomenclature*	*HHC (7-76H)*	*Aslt hel co (7-77H)*	*Avn GS co (7-7BH)*	*Bn total (7-75H)*	*HHC (5-146H)*	*(5-147H) (1)*	*(4)*	*Brg co (5-14BH)*	*Bn total (5-145H)*	*HHC (5-156H)*	*(5-157H) (1)*	*(3)*	*Brg co (5-14BH)*	*Bn total (5-155H)*
82	W98825	Trailer, tank, water, 400-gal, 1½-ton, 2-wheel, WE	0	1	1	2	1	1	4	1	6	1	1	3	1	5
83	X38639	Truck, ambulance, ¼-ton, 4x4, WE	1	0	0	1	1	0	0	0	1	1	0	0	0	1
84	X39735	Truck, cargo, ¾-ton, 4x4, WE	6	7	3	16	5	0	0	0	5	6	0	0	0	6
85	X39872	Truck, cargo, ¾-ton, 4x4, w/winch, WE	0	1	0	1	0	0	0	0	0	0	0	0	0	0
86	X39940	Truck, cargo, 1¼-ton, 6x6, WE	0	0	0	0	6	3	12	1	19	6	4	12	1	19
87	X40009	Truck, cargo, 2½-ton, 6x6, WE	8	3	5	16	10	3	12	12	34	5	2	6	12	23
88	X40146	Truck, cargo, 2½-ton, 6x6, w/winch, WE	1	0	1	2	0	0	0	3	3	0	1	3	3	6
89	X40931	Truck, cargo, drop side, 5-ton, 6x6, w/winch, WE	0	0	0	0	1	0	0	0	1	1	0	0	0	1
90	X41310	Truck, cargo, 5-ton, 8x8, WE	0	0	0	0	1	0	0	0	1	4	0	0	0	4
91	X43708	Truck, dump, 5-ton, 6x6, WE	0	0	0	0	4	3	12	0	16	4	10	30	0	34
92	X43845	Truck, dump, 5-ton, 6x6, w/winch, WE	0	0	0	0	2	1	4	0	6	2	3	9	0	11
93	X57271	Truck, tank, fuel servicing, 2½-ton, 6x6, WE	0	6	4	10	0	0	0	0	0	0	0	0	0	0
94	X58078	Truck, tank, fuel servicing, 2,500-gal, 4x4, WE	0	0	0	0	4	0	0	0	4	1	0	0	0	1
95	X59326	Truck, tractor, 5-ton, 6x6, WE	0	0	0	0	1	0	0	0	1	1	0	0	0	1
96	X59874	Truck, tractor, 10-ton, 6x6, w/midship winch, w/low mtd 5th whl, WE	0	0	0	0	3	1	4	3	10	3	2	6	3	12
97	X60833	Truck, util, ¼-ton, 4x4, WE	9	1	2	12	9	1	4	6	19	9	1	3	6	18
98	X62340	Truck, van, shop, 2½-ton, 6x6, WE	0	0	0	0	1	0	0	0	1	1	0	0	0	1
99	X63299	Truck, wrecker, 5-ton, 6x6, w/winch, WE	1	0	0	1	0	0	0	0	0	0	0	0	0	0
100	X63436	Truck, wrecker, 10-ton, 4x4, WE	0	0	0	0	1	0	0	0	1	1	0	0	0	1
		Class VIIM–Weapons														
101	L44174	Launcher, grenade, acft, 40-mm, left or right hand feed	0	0	2	2	0	0	0	0	0	0	0	0	0	0
102	L44595	Launcher, grenade, 40-mm, single shot, rifle mtd, detachable, WE	0	0	0	0	6	18	72	8	86	10	18	54	8	72
103	L45058	Launcher, rocket, aircraft, 2.75-in, 19-tube	0	0	12	12	0	0	0	0	0	0	0	0	0	0
104	L91838	Machinegun, cal .50, hb, flexible, veh mtd	0	0	0	0	2	10	40	0	42	1	0	0	0	1
105	L91975	Machinegun, cal .50, hb, flexible, for ground use	0	0	0	0	0	0	0	0	0	0	1	3	0	3
106	L92386	Machinegun, 7.62-mm, light, flexible	0	2	4	6	3	3	12	0	15	3	6	18	0	21
107	M75577	Mount, tripod, machinegun, heavy, cal .50	0	0	0	0	0	10	40	0	40	0	1	3	0	3
108	M75714	Mount, tripod, machinegun, 7.62-mm	0	2	4	6	3	3	12	0	15	3	6	18	0	21
109	N96741	Pistol, cal .45, automatic	0	0	0	0	26	9	36	9	71	22	5	15	9	46
110	R91244	Revolver, cal .38, special, 4-in barrel	14	82	30	126	0	0	0	0	0	0	0	0	0	0
111	R94977	Rifle, 5.56-mm, WE	75	61	62	198	171	145	580	142	893	162	144	432	142	710
112	U56346	Submachinegun, cal .45	0	0	0	0	4	0	0	0	4	2	0	0	0	2
		Class VIIO–Combat Vehicles														
113	D11538	Carrier, command post, light tracked	0	0	0	0	3	0	0	0	3	0	0	0	0	0
114	D12087	Carrier, personnel, full tracked, armored	0	0	0	0	0	10	40	0	40	0	0	0	0	0
115	R50681	Recovery vehicle, full tracked, medium	0	0	0	0	2	0	0	0	2	1	0	0	0	1

Table 2–8. Summary of Equipment–Combat Aviation Battalion, Infantry Division, Engineer Battalion, Armored and Mechanized Divisions (with Mobile Assault Bridge); Engineer Battalion, Infantry Division (with Mobile Assault Bridge)–Continued

1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16
			Cbt avn bn				*Engr bn, armd and mech divs*					*Engr bn, inf div*				
								Four cbt engr co					*Three cbt engr co*			
1	*LIN*	*Nomenclature*	*HHC (7-76H)*	*Aslt hel co (7-77H)*	*Avn GS co (7-78H)*	*Bn total (7-75H)*	*HHC (5-146H)*	*(5-147H) (1)*	*(4)*	*Brg co (5-148H)*	*Bn total (5-145H)*	*HHC (5-156H)*	*(5-157H) (1)*	*(3)*	*Brg co (5-148H)*	*Bn total (5-155H)*
		Class VIIO–Marine Equipment														
116	B83856	Boat, landing, inflatable, assault craft, nylon cloth, 15-man	0	0	0	0	0	0	0	18	18	0	0	0	18	18
117	B84404	Boat, reconnaissance, pneu, 3-man	0	0	0	0	3	4	16	12	31	3	4	12	12	27
		Class VIIU–COMSEC Materiel														
118	E45820	Code changer key, KYK-28/TSEC	0	0	0	0	3	1	4	1	8	3	1	3	1	7
119	H02300	Electronic teletypewriter security equipment, TSEC/KW-7	2	0	0	2	2	0	0	0	2	2	0	0	0	2
120	P43177	Power supply assembly, vehicular, Z-ACD	0	0	0	0	13	2	8	2	23	9	2	6	2	17
121	U01305	Speech security equipment, TSEC/KY-38	0	0	0	0	13	2	8	2	23	9	2	6	2	17
122	V08721	Tactical digital regenerative repeater, portable, HYL-3/TSEC	0	0	0	0	1	0	0	0	1	1	0	0	0	1
		Class VIIW–Ground: Construction and MHE														
123	C20414	Bridge, armor veh launch, scissor type, cl-60, alum, 60-ft length of span	0	0	0	0	0	0	0	6	6	0	0	0	6	6
124	F39378	Crane, wheel mtd, 20-ton, w/boom crane, 30-ft, w/block and tackle, 20-ton	0	0	0	0	2	0	0	1	3	2	0	0	1	3
125	H32869	Fairlead roller and sheave, 12½-ton crane shovel, crlr, 20-ton crane-shovel trk	0	0	0	0	1	0	0	0	1	1	0	0	0	1
126	J74852	Grader, road, motorized, dsl drvn, hv, 6x4, front-whl steer	0	0	0	0	4	0	0	0	4	4	0	0	0	4
127	V09730	Tagline crane and crane-shovel, ¾ to 1 cu yd bucket	0	0	0	0	2	0	0	0	2	2	0	0	0	2
128	W76816	Tractor, full-tracked, low speed, dsl, medium dbp, w/bulldozer w/scarif winch	0	0	0	0	3	1	4	1	8	3	2	6	1	10
129	X48914	Truck, lift, fork, dsl drvn, 6,000 lb cap, rough terrain	0	0	0	0	1	0	0	0	1	1	0	0	0	1

Table 2–10. Summary of Equipment–Division Support Command, Armored, Infantry, and Mechanized Divisions

1	2		3	4	5	6	7	8	9	10	11	12	13	14	15
								S&T bn			Maint bn				
1	*LIN*	*Nomenclature*	*HHC (29-2H)*	*AG co (12-7H)*	*Fin co (14-7H)*	*Med bn (8-35H)*	*Inf div (29-5H)*	*Armd div (29-115H)*	*Mech div (29-65H)*	*Inf div (29-15H)*	*Armd div (29-35H)*	*Mech div (29-25H)*	*Inf DISCOM total (29-1H)*	*Armd DISCOM total (29-21H)*	*Mech DISCOM total (29-11H)*
		Class IIA–Air													
2	A21383	Aerial recovery kit for Army acft	0	0	0	0	0	0	0	2	2	2	2	2	2
		Class IIB–Troop Support													
3	K39774	Hoisting unit, truck mounting org, maint set no 7	0	0	0	1	0	0	0	0	0	0	1	1	1
4	L64542	Light set, op area, acft, ½ kw, heliport (Army)	0	0	0	0	0	0	0	1	1	1	1	1	1
5	W32867	Shop equip, auto maint and rep, org sup no 1, less power	1	1	0	0	1	1	1	6	6	6	9	9	9
6	Z13157	Card punch machine, ADPE	0	3	1	0	0	0	0	0	0	0	4	4	4
7	Z74660	Sorter, ADPE	0	1	0	0	0	0	0	0	0	0	1	1	1
8	F77651	CS3, Data analysis central, OL-88(V) 1/MYK-8(V)	1	0	0	0	0	0	0	0	0	0	1	1	1
9	F77918	CS3, Data storage group, OL-89(V) 1/MYK-8(V)	1	0	0	0	0	0	0	0	0	0	1	1	1
10	F77964	CS3, Data support facility, mobile, V-460/ MYK-8(V)	1	0	0	0	0	0	0	0	0	0	1	1	1
11	M57481	CS3, Maintenance shop facility, mobile V-452/ MYK-8(V)	1	0	0	0	0	0	0	0	0	0	1	1	1
12	U43735	CS3, Storage facility, mobile, V-483/MYK-8(V)	1	0	0	0	0	0	0	0	0	0	1	1	1
13	J35801	CS3, Generator, diesel engine, 100 kw, 60 hz, mounted on M353, PU-495	2	0	0	0	0	0	0	0	0	0	2	2	2
14	X59326	CS3, Truck, tractor, 5 ton, 6x6, WE, M818	2	0	0	0	0	0	0	0	0	0	2	2	2
		Class IIE–General Supply													
15	G68966	Drum, fabric, collapsible, liquid fuel, 500-gal capacity	0	0	0	0	27	27	27	0	0	0	27	27	27
		Class IIG–Electronics													
16	C68719	Cable, telephone, WO-1/TT, OR-8, 1,320 ft	0	0	2	0	10	10	10	9	9	9	21	21	21
17	C68856	Cable, telephone, WD-1/TT, RL-159/U, 5,280 ft	0	4	0	11	6	6	6	12	14	14	33	35	35
18	U82529	Switchboard, telephone, manual, SB-993/GT	0	1	1	4	0	0	0	0	4	1	6	10	7
19	V30937	Telephone set, TA-264/PT	0	0	0	5	0	0	0	0	0	0	5	5	5
		Class VIIA–Air													
20	K31795	Helicopter, utility, UH-1H	0	0	0	0	0	0	0	1	1	1	1	1	1
21	W93995	Trailer, acft maint, ambl, 4-wheeled, 30/48-in, trf rail system	0	0	0	0	0	0	0	6	6	6	6	6	6
22	X23227	Transporter, ambl, hyd lift, for shelter and X-4 container	0	0	0	0	0	0	0	2	0	0	2	0	0
		Class VIIB–Troop Support													
23	E67735	Compressor, RCP, power drvn, base AC 115V, 60 cy, 1 ph, 1 5 CFM, 50 PSI	0	0	0	0	0	0	0	4	3	4	4	3	4
24	E69242	Compressor, RCP, power drvn, air rec, gas drvn, 15 CFM, 175 PSI	0	0	0	1	1	1	1	2	3	3	4	5	5
25	E70064	Compressor, RCP, power drvn, trk 2-whl, pneu tires, gas drvn, 5 CFM, 175 PSI	1	1	0	4	1	1	1	6	6	6	13	13	13
26	E70817	Compressor, RCP, power drvn, air whl, gas drvn, 4 CFM, 3,000 PSI	0	0	0	0	0	0	0	1	1	1	1	1	1
27	E73626	Compressor, RTY, power drvn, air whbrw frame 2 pnu tire, gas drvn, 60 CFM, 6 5 PSI	0	0	0	0	0	0	0	3	3	3	3	3	3
28	G02204	Detecting set, mine, ptbl, metallic and nonmetallic	0	0	0	4	0	0	0	2	2	2	6	6	6

Table 2–10. Summary of Equipment–Division Support Command, Armored, Infantry, and Mechanized Divisions–Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
						S&T bn			Maint bn					
1 LIN	Nomenclature	HHC (29-2H)	AG co (12-7H)	Fin co (14-7H)	Med bn (8-35H)	Inf div (29-5H)	Armd div (29-115H)	Mech div (29-65H)	Inf div (29-15H)	Armd div (29-35H)	Mech div (29-25H)	Inf DISCOM total (29-1H)	Armd DISCOM total (29-21H)	Mech DISCOM total (29-11H)
29 G02341	Detecting set, mine, ptbl, metallic (AN/PSS-11)	0	0	0	4	0	0	0	2	2	2	6	6	6
30 H94824	Forward area refueling equipment (FARE)	1	0	0	0	3	3	3	0	0	0	4	4	4
31 J04716	Fuel system, supply point, ptbl, 60,000 gal cap	0	0	0	0	1	1	1	0	0	0	1	1	1
32 J35629	Generator set, dsl eng, tlr mtd, 60 kw, 60 hz, mtd on M200 PU-650	0	0	0	0	0	0	0	4	4	0	4	4	0
33 J35835	Generator set, dsl eng, 15 kw, 60 hz, 3 ph, AC 120/208, 240/416V, skid, tac util	0	1	0	0	0	0	0	1	1	1	2	2	2
34 J36109	Generator set, dsl eng, 30 kw, 60 hz, 3 ph, AC 120/208, 240/416V, 50 hz, tac util	0	1	0	0	0	0	0	3	0	0	4	1	1
35 J36383	Generator set, dsl eng, tlr mtd, 30 kw, 60 hz, mtd on M200 PU-406	0	0	0	0	0	0	0	3	1	1	3	1	1
36 J38301	Generator set, dsl eng, 60 kw, 60 hz, 3 ph, AC, 120/208, 240/416V, 50 hz, tac util	0	0	0	0	0	0	0	1	4	8	1	4	8
37 J42976	Generator set, gas eng, 0.5 kw, 60 cy, 1 ph, AC 120/240V, shock mtd	0	1	0	0	0	0	0	1	1	1	2	2	2
38 J43918	Generator set, gas eng, 1.5 kw, 60 hz, 1 ph, 2 wire, AC 120V, shock, tac util	4	1	0	3	10	10	10	27	24	28	45	42	46
39 J44055	Generator set, gas eng, 1.5 kw, DC 28V, shock, tac util	0	0	0	11	0	0	0	2	1	1	13	12	12
40 J45699	Generator set, gas eng, 3 kw, 60 hz, 1-3 ph, 1-20/240, 120/208V, skid, tac util	0	0	0	0	3	3	3	0	0	0	3	3	3
41 J45836	Generator set, gas eng, 3 kw, 400 hz, 1-3 ph, AC 120/208/240V, tac util	0	0	0	0	0	0	0	1	0	1	1	0	1
42 J46110	Generator set, gas eng, 3 kw, DC 28V, skid-shock, tblr frame mtd, tac util	1	1	0	2	3	3	3	11	10	11	18	17	18
43 J47068	Generator set, gas eng, 5 kw, 60 hz, 1-3 ph, AC 120/240, 120/208V, skid, tac util	0	0	4	0	0	0	0	7	6	9	11	10	13
44 J49055	Generator set, gas eng, 7.5 kw, DC 28.5 V, whl mtd	0	0	0	0	0	0	0	2	3	3	2	3	3
45 J49398	Generator set, gas eng, 10 kw, 60 hz, 1-3 ph, AC 120/240, 120/208V, tac util	0	0	0	12	0	0	0	8	5	6	20	17	18
46 J49809	Generator set, gas eng, tlr mtd, 10 kw, 60 hz, mtd on M101 PU-332	0	0	0	0	0	0	0	6	9	9	6	9	9
47 T10138	Shop equip, contact maint, trk mtd	0	0	0	0	0	0	0	11	11	11	11	11	11
48 T10275	Shop equip, elec rep stlr mtd, Army	0	0	0	0	0	0	0	1	1	1	1	1	1
49 T10412	Shop equip, elec rep stlr mtd, Army	0	0	0	0	0	0	0	1	1	4	1	1	4
50 V12141	Tank and pump unit, liquid dispensing, truck-mounting	0	0	0	0	5	6	6	1	2	2	6	8	8
51 V19950	Tank unit, liquid dispensing, trailer mounting	0	0	0	0	5	4	4	3	1	1	8	5	5
52 V71450	Test set, computer logic unit	0	0	0	0	0	0	0	1	1	1	1	1	1
53 W07701	Theodolite, survey, direct, 0.002-mil, 30 porm, 5 power, detachable tribrch	0	0	0	0	0	0	0	1	1	4	1	1	4
54 W32593	Shop equipment, auto main and rep, OM common no 1, less power	1	1	0	4	1	1	1	6	6	6	13	13	13
55 W32730	Shop equipment, auto maint and rep, OM common no 2, less power	0	0	0	1	1	1	1	0	0	0	2	2	2

Table 2–10. Summary of Equipment–Division Support Command, Armored, Infantry, and Mechanized Divisions–Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
						S&T bn			Maint bn					
1	*LIN*	*Nomenclature*	*HHC (29-2H)*	*AG co (12-7H)*	*Fin co (14-7H)*	*Med bn (8-35H)*	*Inf div (29-5H)*	*Armd div (29-115H)*	*Mech div (29-65H)*	*Inf div (29-15H)*	*Armd div (29-35H)*	*Mech div (29-25H)*	*Inf DISCOM total (29-1H)*	*Armd DISCOM total (29-21H)*	*Mech DISCOM total (29-11H)*
		Class VIIG–Electronics												
56	Q34308	Radio set, AN/GRC-160	1	0	0	0	0	0	0	0	0	0	1	1	1
57	Q38335	Radio set, AN/PRC-90	0	0	0	0	0	0	0	2	2	2	2	2	2
58	Q53001	Radio set, AN/VRC-46	2	0	0	2	8	8	8	7	6	6	23	18	18
59	Q54174	Radio set, AN/VRC-47	2	0	0	10	2	2	2	5	5	5	19	19	19
60	Q56783	Radio set, AN/VRC 64	0	0	0	0	4	4	4	1	1	1	5	5	5
61	Q78282	Radio set, control group, AN/GRA-39	0	0	0	7	3	3	3	1	1	1	11	11	11
62	U81707	Switchboard, telephone, manual, SB-22/PT	1	0	0	1	4	4	4	6	2	5	12	8	11
63	V30252	Telephone set, TA-1/PT	0	5	5	0	0	0	0	0	0	0	10	10	10
64	V31211	Telephone set, TA-312/PT	16	15	5	24	32	32	32	63	42	56	155	134	148
		Class VIIK–Tactical vehicles													
65	E02670	Chassis, trailer, general purpose, 3½-ton, 2-wheel, WE	0	0	0	0	0	0	0	1	1	1	1	1	1
66	E02807	Chassis, trailer, generator, 2½-ton, 2-wheel, WE	0	1	0	0	0	0	0	3	0	0	4	1	1
67	K90188	Instrument repair shop, truck mtd, 2½-ton, 6x6, WE	0	0	0	0	0	0	0	6	6	6	6	6	6
68	S70243	Semitrailer, low bed, wrecker, 12-ton, 4-wheel, 40-ft, WE	0	0	0	0	0	0	0	1	1	1	1	1	1
69	S72024	Semitrailer, stake, 12-ton, 4-wheel, WE	0	0	0	0	21	21	21	17	16	16	38	37	37
70	S72983	Semitrailer, tank, fuel servicing, 5,000 gal, 12-ton, 4-wheel, WE	0	0	0	0	12	30	25	0	0	0	12	30	25
71	S74079	Semitrailer, van, cargo, 12-ton, 4-wheel, WE	0	0	0	0	0	0	0	9	7	7	9	7	7
72	S74490	Semitrailer, van, expansible 6-ton, 4-wheel (Army)	0	1	0	0	0	0	0	1	0	0	2	1	1
73	S74832	Semitrailer, van, repair parts storage, 6-ton, 4-wheel, WE	0	0	0	0	0	0	0	14	18	18	14	18	18
74	W95400	Trailer, cargo, ¼-ton, 2-wheel, WE	8	4	1	23	12	12	12	17	30	18	65	78	66
75	W95537	Trailer, cargo, ¼-ton, 2-wheel, WE	1	2	1	8	3	3	3	8	7	7	23	22	22
76	W95811	Trailer, cargo, 1½-ton, 2-wheel, WE	2	5	0	27	71	69	69	65	76	71	170	179	174
77	W98825	Trailer, tank, water, 400-gal, 1½-ton, 2-wheel, WE	1	1	1	8	2	2	2	6	6	6	19	19	19
78	X38776	Truck, ambulance, ¾-ton, 4x4, WE	0	0	0	32	0	0	0	0	0	0	32	32	32
79	X39735	Truck, cargo, ¾-ton, 4x4, WE	2	2	1	8	9	9	9	6	9	9	28	31	31
80	X39872	Truck, cargo, ¾-ton, 4x4, w/winch, WE	0	0	0	0	0	0	0	2	0	0	2	0	0
81	X40009	Truck, cargo, 2½-ton, 6x6, WE	2	3	2	30	73	72	72	34	50	44	144	159	153
82	X40146	Truck, cargo, 2½-ton, 6x6, w/winch, WE	1	0	0	5	1	1	1	12	4	7	19	11	14
83	X40794	Truck, cargo, drop side, 5-ton, 6x6, WE	0	0	0	0	5	6	6	0	0	0	5	6	6
84	X40831	Truck, cargo, 5-ton, 6x6, lwb, WE	0	0	0	0	0	0	0	1	1	2	1	1	2
85	X55627	Truck, platform, utility, ½-ton, 4x4, WE	0	0	0	0	0	0	0	6	0	0	6	0	0
86	X58367	Truck, tank, water, 1,000-gal, 2½-ton, 6x6, WE	0	0	0	0	0	0	0	1	0	0	1	0	0
87	X59052	Truck, tractor, 2½-ton, 6x6, WE	0	0	0	0	0	0	0	1	1	1	1	1	1
88	X59326	Truck, tractor, 5-ton, 6x6, WE	2	0	0	0	23	41	36	35	32	32	60	75	70
89	X59463	Truck, tractor, 5-ton, 6x6, w/winch, WE	0	0	0	0	0	0	0	1	1	1	1	1	1
90	X60696	Truck, tractor, wrecker, 5-ton, 6x6, w/winch, WE	0	0	0	0	0	0	0	1	1	1	1	1	1
91	X60833	Truck, utility, ¼-ton, 4x4, WE	8	4	1	23	12	12	12	18	18	18	66	66	66
92	X62237	Truck, van, expansible, 5-ton, 6x6, WE	0	1	0	0	0	0	0	0	0	0	1	1	1
93	X62340	Truck, van, shop, 2½-ton, 6x6, WE	0	2	0	0	0	0	0	37	35	32	39	37	34
94	X63299	Truck, wrecker, 5-ton, 6x6, w/winch, WE	0	0	0	0	3	3	3	2	2	2	5	5	5
95	X63436	Truck, wrecker, 10-ton, 4x4, WE	0	0	0	0	0	0	0	3	6	6	3	6	6

Table 2—10. Summary of Equipment—Division Support Command, Armored, Infantry, and Mechanized Divisions—Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
						S&T bn			Maint bn					
1	*LIN*	*Nomenclature*	*HHC (29-2H)*	*AG co (12-7H)*	*Fin co (14-7H)*	*Med bn (8-35H)*	*Inf div (29-5H)*	*Armd div (29-115H)*	*Mech div (29-65H)*	*Inf div (29-15H)*	*Armd div (29-35H)*	*Mech div (29-25H)*	*Inf DISCOM total (29-1H)*	*Armd DISCOM total (29-21H)*	*Mech DISCOM total (29-11H)*
		Class VIIM—Weapons													
96	A90118	Armament subsystem, helicopter, 7.62-mm, machinegun, light WO weapons, WE	0	0	0	0	0	0	0	1	1	1	1	1	1
97	L44595	Launcher, grenade, 40-mm, single shot, rifle mtd, detachable, WE	4	8	4	0	14	14	14	28	28	28	58	58	58
98	L91838	Machinegun, cal 50, hb flexible, vehicle mtd	0	0	0	0	0	0	0	4	4	4	4	4	4
99	L92260	Machinegun, 7 62-mm, acft, light, door mtd	0	0	0	0	0	0	0	2	2	2	2	2	2
100	L92386	Machinegun, 7.62-mm, light, flexible	4	10	4	0	26	22	22	23	18	18	67	58	58
101	M75714	Mount tripod, machinegun, 7.62-mm	4	10	4	0	22	22	22	23	18	18	63	58	58
102	N96741	Pistol, cal .45, automatic	9	12	7	40	6	6	6	16	16	16	90	90	90
103	R91244	Revolver, cal .38, special, 4-in barrel	0	0	0	0	0	0	0	13	10	10	13	10	10
104	R94977	Rifle, 5.56-mm, WE	88	264	101	350	345	384	374	787	973	926	1,935	2,160	2,103
		Class VIIO—Combat Vehicles													
105	R50681	Recovery vehicle, full tracked, medium	0	0	0	0	0	0	0	4	4	4	4	4	4
		Class VIIU—COMSEC Materiel													
106	E45766	Code changer key, KIK-18/TSEC	0	0	0	0	0	0	0	1	1	1	1	1	1
107	E45820	Code changer key, KYK-28/TSEC	0	0	0	7	0	0	0	3	5	7	10	12	14
108	P43177	Power supply assembly, vehicular, Z-ACD	0	0	0	9	0	0	0	3	9	8	12	18	17
109	U01295	Speech security equipment, abn, TSEC/KY-28	0	0	0	0	0	0	0	1	1	1	1	1	1
110	U01305	Speech security equipment, TSEC/KY-38	0	0	0	12	0	0	0	3	9	8	15	21	20
		Class VIIW—Ground: Construction and MHE													
111	F39172	Crane, wheel mtd, 3-ton	0	0	0	0	0	0	0	2	0	0	2	0	0
112	F39241	Crane, wheel mtd, 5-ton dsl, 4x4, rough terrain air transport	0	0	0	0	0	0	0	4	4	4	4	4	4
113	X48914	Truck lift, fork, dsl drvn, 6,000-lb, cap, rough terrain	0	0	0	0	3	3	3	2	2	2	5	5	5

Table 2–14. Summary of Equipment–Tank Battalion/Infantry Battalion (Mechanized), Armored, Infantry, and Mechanized Divisions–Continued

1	2	3	4	5	6	7	8	9	10	11	12
		Tank Battalion					Infantry Bn (Mech)				
1 LIN	Nomenclature	HHC (17-36H)	Three tk co (17-37H) (1)	Three tk co (17-37H) (3)	Cbt spt co (17-39H)	Bn total (17-35H)	HHC (7-46H)	Three rifle co (7-47H) (1)	Three rifle co (7-47H) (3)	Cbt spt co (7-48H)	Bn total (7-45H)
	Class VIIM–Weapons										
55 A22496	Aiming circle	0	0	0	2	2	0	1	3	2	5
56 L44595	Launcher, grenade, 40-mm, single-shot rifle, mtd, detachable, WE	0	2	6	12	18	6	21	63	13	82
57 L45250	Launcher, rocket, 66-mm, 4-tube	2	1	3	0	5	9	0	0	0	9
58 L91838	Machinegun, cal .50, HB, flexible, vehicle mtd	4	2	6	7	17	3	21	63	20	86
59 L91975	Machinegun, cal .50, HB, flexible for ground use	9	1	3	2	14	22	1	3	1	26
60 L92386	Machinegun, 7.62-mm, light, flexible	0	0	0	0	0	4	15	45	0	49
61 M83008	Mortar, 81-mm, on mount	0	0	0	0	0	0	3	9	0	9
62 M68282	Mortar, 4.2-in, on mount	0	0	0	4	4	0	0	0	4	4
63 M75577	Mount, tripod, machinegun, heavy, cal .50	9	1	3	2	14	23	21	63	20	106
64 M75714	Mount, tripod, machinegun, 7.62-mm	0	0	0	0	0	4	15	45	0	49
65 N82364	Periscope, battery, command	0	0	0	1	1	0	0	0	1	1
66 N96741	Pistol, cal .45, automatic	35	72	216	28	279	37	13	39	40	116
67 R12989	Range finder, fire control, WE (laser)	0	0	0	3	3	0	0	0	0	0
68 R94977	Rifle, 5.56-mm, WE	140	17	51	82	273	133	158	474	128	735
69 U56346	Submachinegun, cal .45	12	36	108	2	122	5	2	6	2	13
	Class VIIO–Combat Vehicles										
70 D10741	Carrier, 107-mm mortar, self propelled (less mortar)	0	0	0	4	4	0	0	0	4	4
71 D11401	Carrier, command and reconnaissance, armored	0	0	0	9	9	2	0	0	9	11
72 D11538	Carrier, command post, light tracked	5	0	0	1	6	5	0	0	1	6
73 D12087	Carrier, personnel, full-tracked, armored	4	1	3	2	9	4	15	45	3	52
74 R50544	Recovery vehicle, full-tracked, light, armored	1	0	0	1	2	2	1	3	1	6
75 R50681	Recovery vehicle, full-tracked, medium	2	1	3	0	5	0	0	0	0	0
76 V13101	Tank, combat, full-tracked, 105-mm, gun	3	17	51	0	54	0	0	0	0	0
	Class VIIU–COMSEC Materiel										
77 E45820	Code changer key, KYK-28/TSEC	2	1	3	1	6	0	1	3	1	4
78 H02300	Electronic teletypewriter security equipment, TSEC/KW-7	1	0	0	0	1	1	0	0	0	1
79 P43177	Power supply assembly, vehicular, Z-ACD	7	2	6	2	15	0	2	6	2	8
80 U01305	Speech security equipment, TSEC/KY-38	7	2	6	2	15	0	2	6	2	8
81 V08721	Tactical digital regenerative repeater, ptbl, HYL-3/TSEC	1	0	0	0	1	0	0	0	0	0
	Class VIIW–Ground:Construction and MHE										
82 C20414	Bridge, armored veh launch, scissor-type cl-60, alum, 60-ft length of span	0	0	0	2	2	0	0	0	0	0

Table 2–15 Summary of Equipment–Airborne Division

1	LIN	Nomenclature	3 HHC (57-4H)	4 Cbt avn bn (57-55H)	5 Engr bn (5-25H)	6 Div arty (6-200H)	7 DISCOM (29-51H)	8 Sig bn (11-215H)	9 Air cav sqdn (17-275H)	10 Three bde HHC (57-42H) (1)	11 (3)	12 MP co (19-67H)	13 Nine abn inf bn (7-35H) (1)	14 (9)	15 ADA bn (44-425H)	16 Lt armd bn (17-215H)	17 Div total (57H)
		Class IIA–Air															
2	A21383	Aerial recovery kit for Army acft	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
3	M02470	Maintenance platform, hyd adj to 10 ft high, 44½-in wide	0	6	0	0	0	0	7	1	3	0	0	0	0	0	16
4	M02504	Maintenance platform, hyd adj type, 3 to 7 ft high	0	6	0	2	0	0	10	1	3	0	0	0	0	0	21
		Class IIB–Troop Support															
5	H52010	Filter-separator, liquid fuel, 100 GPM, 75 PSI, 2-in inlet, 2-in outlet	0	0	0	0	8	0	0	0	0	0	0	0	0	4	12
6	K39774	Hoisting unit, truck mounting, organizational maint set no 7	0	0	0	0	1	0	0	0	0	1	0	0	4	0	6
7	L64542	Light set, operational area, acft, ½ kw heliport (Army)	0	4	0	0	1	0	4	0	0	0	0	0	0	0	9
8	P90610	Pumping assembly, flammable liquid, bulk transfer, gas drvn, 100 GPM	0	0	0	0	8	0	0	0	0	0	0	0	0	0	8
9	V84014	Test set, radar, AN/TPM-23 (VADS)	0	0	0	0	4	0	0	0	0	0	0	0	8	0	12
10	W32867	Shop equipment, auto maint and rep, org sup no 1, less power	1	3	3	4	10	0	5	1	3	1	1	9	5	0	44
11	Z13157	Card punch machine, ADPE	0	0	0	0	8	0	0	0	0	0	0	0	0	0	8
12	Z74660	Sorter, ADPE	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
13	F77651	CS3, Data analysis central, OL-88(V), 1/MYK-8(V)	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
14	F77918	CS3, Data storage group, OL-89(V), 1/MYK-8(V)	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
15	F77964	CS3, Data support facility, mobile, V-460/MYK-8(V)	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
16	M57481	CS3, Maintenance shop facility, mobile V-452/MYK-8(V)	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
17	U43735	CS3, Storage facility, mobile, V-483/MYK-8(V)	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
18	J35801	CS3, Generator, diesel engine, 10 C kw, 60 hz, mounted on M353, PU-495	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
19	X59326	CS3, Truck, tractor, 5 ton, 6x6, WE, M818	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
		Class IIE–General Supply															
20	C68966	Drum, fabric, collapsible, liquid fuel, 500-gal capacity	0	19	3	12	26	0	21	0	0	0	5	45	0	15	141
		Class IIG–Electronics															
21	C68719	Cable, telephone, WO-1/TT, OR-8 1,320-ft	0	39	66	152	86	82	84	10	30	2	116	1,044	475	105	2,165
22	C68856	Cable, telephone, WD-1/TT, RL-159/U 5,280-ft	0	12	18	55	10	140	0	40	120	1	16	144	24	2	526
23	C68993	Cable, telephone, WD-1/TT, 2 cond, field wire	2	0	18	162	8	222	19	26	78	0	69	621	0	0	1,130
24	R30662	Receiver-transmitter, control group, AN/GRA-6	0	2	2	9	1	4	7	0	0	0	0	0	10	0	35
25	U82529	Switchboard, teleohone, manual, S8-993/GT	0	0	9	0	10	0	0	0	0	1	8	72	12	0	104
26	V30937	Telephone set, TA-264/PT	0	0	0	3	0	0	0	0	0	0	0	0	0	0	3
		Class VIIA–Air															
27	K29660	Helicopter, attack, AH-1G	0	6	0	0	0	0	27	0	0	0	0	0	0	0	33
28	K31042	Helicopter, observation, OH-58A	0	6	0	14	0	0	30	4	12	0	0	0	0	0	62
29	K31795	Helicopter, utility, UH-1H	0	30	0	0	1	0	28	2	6	0	0	0	0	0	65
30	T17090	Shop set, acft maint, ambl, UH-1, co size, DS	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
31	T17093	Shop set, acft maint, ambl, UH-1/OH-6, co size, DS	0	0	0	0	0	0	3	0	0	0	0	0	0	0	3
32	W62611	Tool set, aviation unit maint set no 1, ambl	0	6	0	2	0	0	10	1	3	0	0	0	0	0	21
33	W93995	Trailer, acft maint, ambl, 4-whl, 30/48-in trf rail system	0	0	0	0	6	0	0	0	0	0	0	0	0	0	6
34	X23227	Transporter, ambl, hyd lift, for shelter and X-4 container	0	5	0	1	15	0	8	1	3	0	0	0	0	0	32
		Class VIIB–Troop Support															
35	E68694	Compressor, rcp, power drvn, air rec, AC 208/416V, 60 cy, 3 ph, 15 CFM, 175 PSI	0	0	0	0	3	0	0	0	0	0	0	0	0	0	3
36	E69242	Compressor, rcp, power drvn, air rec, gas drvn, 15 CFM, 175 PSI	0	1	1	0	2	1	0	0	0	0	0	0	0	1	6

Table 2–15. Summary of Equipment–Airborne Division–Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
			Cbt					Air cav	Three bde HHC			Nine abn inf bn			Lt armd	
1 LIN	*Nomenclature*	*HHC (57-4H)*	*avn bn (57-55H)*	*Engr bn (5-25H)*	*Div arty (6-200H)*	*DISCOM (29-51H)*	*Sig bn (11-215H)*	*sqdn (17-275H)*	*(57-42H) (1)*	*(3)*	*MP co (19-67H)*	*(7-35H) (1)*	*(9)*	*ADA bn (44-425H)*	*bn (17-215H)*	*Div total (57H)*
37 E70064	Compressor, rcp, power drvn, trk, 2-whl, pneu tires, gas drvn, 5 CFM, 175 PSI	1	3	3	4	14	2	5	1	3	1	2	18	5	4	63
38 E70201	Compressor, rcp, power drvn, trk, 2-whl, pneu tires, gas drvn, 8 CFM, 175 PSI	0	2	0	1	0	0	4	1	3	0	0	0	0	0	10
39 G02204	Detecting set, mine, ptbl, metallic and nonmetallic	0	0	42	13	10	8	2	0	0	3	4	36	5	4	123
40 G02341	Detecting set, mine, ptbl, metallic (AN/PSS-11)	0	0	35	13	11	8	4	0	0	3	8	72	5	7	158
41 H94824	Forward area refueling equipment (FARE)	0	6	0	0	9	0	7	0	0	0	0	0	0	0	22
42 J04716	Fuel system, supply point, ptbl, 60,000-gal cap	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
43 J35835	Generator set, dsl eng, 15 kw, 60 hz, 3 ph, AC 120/208 240/416V, skid, tac util	0	0	0	0	8	0	0	0	0	0	0	0	0	0	8
44 J36109	Generator set, dsl eng, 30 kw, 60 hz, 3 ph, AC 120/208 240/416V, 50 hz, tac util	0	0	0	0	3	0	0	0	0	0	0	0	0	0	3
45 J36383	Generator set, dsl eng, tlr mtd, 30 kw, 60 hz, mtd on M200 PU-406	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
46 J36725	Generator set, dsl eng, 30 kw, AC 120/208 240/416V, 3 ph, 400 hz, tac precise	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
47 J38301	Generator set, dsl eng, 60 kw, 60 hz, 3 ph, AC 120/208 240/416V, 50 hz, tac util	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
48 J41041	Generator set, gas eng, tlr mtd, PU-253/U	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
49 J41452	Generator set, gas eng, tlr mtd, 10 kw, 400 hz, mtd on M103 PU-304/MPQ-4	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
50 J42100	Generator set, gas eng, tlr mtd, 10 kw, 60 cy, 1 ph, AC 120/240V, PU-619/M	0	1	0	0	15	4	0	0	0	0	0	0	0	0	20
51 J42685	Generator set, gas eng, 0.3 kw, AC 115V, 1 ph, 400 hz, DC 24 to 35V	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
52 J42856	Generator set, gas eng, 0 5 kw, 28V, skid-shock, tac util	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
53 J42976	Generator set, gas eng, 0.5 kw, 60 cy, 1 ph, AC 120/240V, shock mtd	0	4	0	0	1	0	4	0	0	0	0	0	0	0	9
54 J43027	Generator set, gas eng, 0 5 kw, 400 hz, 1 ph, AC 120/240V, skid-shock, tac util	0	0	0	0	0	0	0	0	0	0	2	18	0	0	18
55 J43918	Generator set, gas eng, 1.5 kw, 60 hz, 1 ph, 2 wire, AC 120V, shock, tac util	1	16	8	10	56	11	21	5	15	2	2	18	10	3	171
56 J44055	Generator set, gas eng, 1.5 kw, DC 28V, shock, tac util	0	0	3	47	14	13	0	3	9	5	0	0	12	4	107
57 J45699	Generator set, gas eng, 3 kw, 60 hz, 1-3 ph, 120/240 120/208V, skid, tac util	0	0	17	1	16	58	1	1	3	0	0	0	0	1	97
58 J45836	Generator set, gas eng, 3 kw, 400 hz, 1-3 ph, AC 120/208/240V, tac util	0	0	0	8	0	0	0	0	0	0	0	0	0	0	8
59 J46110	Generator set, gas eng, 3 kw, DC 28V, skid-shock, tblr frame mtd, tac util	1	4	8	4	13	50	14	3	9	1	4	36	17	3	160
60 J46384	Generator set, gas eng, tlr mtd, 3 kw, 60 hz, 2 ea, mtd on M101 PU-617	0	0	0	0	0	6	0	0	0	0	0	0	0	0	6
61 J47068	Generator set, gas eng, 5 kw, 60 hz, 1-3 ph, AC 120/240 120/208V, skid, tac util	0	7	0	0	16	0	0	1	3	0	0	0	0	1	27
62 J47617	Generator set, gas eng, tlr mtd, 5 kw, 60 hz, 2 ea, mtd on M116 PU-620	0	0	0	5	0	0	0	0	0	0	0	0	0	2	7
63 J48713	Generator set, gas eng, 5 kw, 400 hz, 1-3 ph, AC 120/240 120/208V, skid, tac util	0	0	0	0	0	0	0	0	0	0	0	0	8	0	8
64 J49055	Generator set, gas eng, 7.5 kw, DC 28 5V, whl mtd	0	6	0	2	0	0	10	1	3	0	0	0	0	0	21
65 J49398	Generator set, gas eng, 10 kw, 60 hz, 1-3 ph, AC 120/240 120/208V, tac util	0	0	0	0	15	0	0	0	0	0	0	0	0	0	15

Table 2–15. Summary of Equipment–Airborne Division–Continued

1	LIN	Nomenclature	HHC (57-4H)	Cbt avn bn (57-55H)	Engr bn (5-25H)	Div arty (6-200H)	DISCOM (29-51H)	Sig bn (11-215H)	Air cav sqdn (17-275H)	Three bde HHC (57-42H) (1)	Three bde HHC (57-42H) (3)	MP co (19-67H)	Nine abn inf bn (7-35H) (1)	Nine abn inf bn (7-35H) (9)	ADA bn (44-425H)	Lt armd bn (17-215H)	Div total (57H)
1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
66	L27293	Kit, firefighting, ambl	0	0	0	0	0	0	0	1	3	0	0	0	0	0	3
67	L64131	Light set, marker, emergency, afld runway, ptbl, battery op	0	5	0	1	8	0	5	1	3	0	0	0	0	0	22
68	L85420	Lubricat-serv unit, power op, trlr mtd, 15 CF, air compressor, gas drvn, wzd	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
69	P11866	Pneu tool and compressor outfit, 250 CFM, trlr mtd	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
70	P91756	Pump cntrf, gas drvn, frame mtd, 1½-in, 65 GPM, 50 ft hd	0	0	8	0	0	0	0	0	0	0	0	0	0	0	8
71	P96640	Pumping assembly, flammable liquid, bulk transfer	0	0	1	6	1	0	0	0	0	0	0	0	0	4	12
72	T10138	Shop equip, contact maint, trk mtd	0	0	1	0	4	0	0	0	0	0	0	0	0	0	5
73	T13152	Shop equip, org rep, light trk mtd	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
74	U69083	Surveying instrument, azimuth, gyro, ltwt (SIAGL)	0	0	0	4	0	0	0	0	0	0	0	0	0	0	4
75	U69357	Surveying instrument, distance meas, electronic mwave, mlnatzd purpose	0	0	0	3	0	0	0	0	0	0	0	0	0	0	3
76	V12141	Tank and pump unit, liquid dispensing, truck mounting	0	5	2	0	5	1	16	0	0	0	0	0	0	0	29
77	V19950	Tank unit, liquid dispensing, tlr mounting	0	5	0	0	6	1	4	0	0	0	0	0	0	0	16
78	V71450	Test set, computer logic unit	0	0	0	4	1	0	0	0	0	0	0	0	0	0	5
79	W07701	Theodofite, survey, direct 0.002 mil, 30-porm, 5 power detach tribrch	0	0	0	4	0	0	0	0	0	0	0	0	0	0	4
80	W07838	Theodolite survey, direct 0 2 mil, w/tripod and carrying case	0	0	0	6	0	0	0	0	0	0	0	0	0	0	6
81	W32593	Shop equipment, auto maint and rep, QM common no 1, less power	1	3	3	4	14	2	5	1	3	1	2	18	5	4	63
82	W32730	Shop equipment, auto maint and rep, OM common no 2, less power	0	0	1	0	1	1	0	0	0	0	0	0	0	1	4
83	W65747	Tool set, vehicle, full-tracked, org maint suppl no 2, less power	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
84	Y35143	Water purif equip set, diatomite filter, 420 GPH	0	0	8	0	0	0	0	0	0	0	0	0	0	0	8
		Class VIIG—Electronics															
85	A28833	Aircraft control, central, AN/TSQ-70, less power	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
86	B67423	Binocular, electronic, AN/PAS-5	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
87	C69541	Cable, telephone, WF-16/U	0	0	0	0	0	0	0	0	0	3	0	0	16	0	19
88	E58601	Command console, electronic, AN/ASC-15	0	4	0	0	0	0	2	2	6	0	0	0	0	0	12
89	H76352	Flight coordination, central, AN/TSC-61, less power	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
90	L36402	Landing control, central, AN/TSQ-71, less power	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
91	L60318	Light, beacon, MX-7301/TVN	0	0	0	0	0	0	5	0	0	0	0	0	0	0	5
92	M36739	Meteorological station manual, AN/TMQ-4	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
93	N04730	Night vision sight, individual, servep weapon, AN/PVS-2	0	0	29	0	0	0	44	0	0	0	83	747	0	74	894
94	N15518	Night vision sight, tripod, mtd, AN/TVS-4	0	0	0	0	0	0	3	0	0	0	9	81	0	4	88
95	Q15414	Radar set, AN/MPQ-4, less power	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
96	Q32756	Radio set, AN/GRC-106	1	0	0	5	1	4	7	1	3	0	0	0	9	1	31
97	Q34308	Radio set, AN/GRC-160	0	1	9	79	0	0	23	2	6	1	14	126	49	10	304
98	Q38296	Radio set, AN/PRC-74	0	0	0	0	0	3	0	0	0	0	0	0	0	0	3
99	Q38299	Radio set, AN/PRC-77	1	18	43	40	8	6	48	9	27	0	75	675	22	3	891
100	Q38335	Radio set, AN/PRC-90	0	84	0	28	2	0	170	12	36	0	0	0	0	0	320
101	Q45779	Radio set, AN/VRC-12	0	0	0	0	0	0	0	0	0	0	0	0	0	27	27
102	Q50421	Radio set, AN/VRC-24	0	2	0	0	0	0	1	1	3	0	0	0	0	0	6
103	Q53001	Radio set, AN/VRC-46	12	1	1	51	34	46	13	6	18	22	10	90	27	15	330
104	Q54174	Radio set, AN/VRC-47	0	7	2	7	30	0	28	0	0	4	15	135	32	13	258
105	Q55114	Radio set, AN/VRC-49	0	0	1	4	0	2	1	1	3	0	1	9	1	1	22

Table 2–15 Summary of Equipment–Airborne Division–Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
			Cbt					Air cav	Three bde HHC			Nine abn inf bn			Lt armd	
1	*LIN* *Nomenclature*	*HHC (57-4H)*	*avn bn (57-55H)*	*Engr bn (5-25H)*	*Div arty (6-200H)*	*DISCOM (29-51H)*	*Sig bn (11-215H)*	*sqdn (17-275H)*	*(57 42H) (1)*	*(3)*	*MP co (19-67H)*	*(7-35H) (1)*	*(9)*	*ADA bn (44-425H)*	*bn (17-215H)*	*Div total (57H)*
106	356783 Radio set, AN/VRC-64	0	0	7	0	4	0	3	1	3	0	0	0	0	33	50
107	Q78282 Radio set, control group, AN/GRA-39	1	8	6	76	31	18	10	11	33	4	16	144	80	25	436
108	Q90120 Radio teletypewriter set, AN/GRC-142	0	0	0	7	0	0	0	0	0	0	0	0	0	2	9
109	Q91301 Radio teletypewriter set, AN/VSC-2	0	0	2	0	0	21	2	1	3	0	1	9	2	0	39
110	Q92197 Radio terminal set, AN/MRC-127, less power	0	0	0	0	0	23	0	0	0	0	0	0	0	0	23
111	Q95810 Radiosonde baseline check set, AN/GMM-1A	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
112	R16476 Rawin set, AN/GMD-1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
113	R29799 Receiver set, radio, AN/PRR-9	0	0	0	0	0	0	0	0	0	8	54	486	0	0	494
114	R50043 Recording set, weather data, AN/TMQ-5	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
115	U81707 Switchboard, telephone, manual, SB-22/PT	0	4	5	19	14	17	6	1	3	0	7	63	10	5	146
116	U82255 Switchboard, telephone, manual, SB-86/P	0	0	0	2	0	2	0	2	6	0	0	0	0	0	10
117	V29156 Telephone, central office group, AN/MTC-10	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2
118	V30252 Telephone set, TA-1/PT	0	0	9	48	5	0	20	0	0	4	73	657	40	13	796
119	V31211 Telephone set, TA-312/PT	3	43	33	326	196	273	44	24	72	10	55	495	265	21	1,781
120	V57914 Teletypewriter, TT-537/G	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
121	V57914 Terminal telegraph-telephone, AN/TCC-29	0	1	0	0	0	10	0	2	6	0	0	0	0	0	17
122	X17820 Transmitter set, radio, AN/PRT-4	0	0	0	0	0	0	0	0	0	8	54	486	0	0	494
	Class VIIK–Tactical Vehicles															
123	A93125 Armored reconnaissance, airborne-assault vehicle, full tracked, 152-mm	0	0	0	0	0	0	0	0	0	0	0	0	0	54	54
124	E02807 Chassis, trailer, generator, 2½-ton, 2-whl, WE	0	0	0	0	5	0	0	0	0	0	0	0	0	0	5
125	S72024 Semitrailer, stake, 12-ton, 4-whl, WE	0	0	0	0	3	0	0	0	0	0	0	0	0	0	3
126	S74490 Semitrailer, van, expansible, 6-ton, 4-whl, (Army)	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
127	W93961 Trailer, aircraft, cargo loading-unloading, 3½-ton, 4-whl, WE	0	0	0	0	16	0	0	0	0	0	0	0	0	0	16
128	W94030 Trailer, ammunition, 1½-ton, 2-whl, WE	0	0	0	0	0	0	6	0	0	0	0	0	0	24	30
129	W95400 Trailer, cargo, ¼-ton, 2-whl, WE	13	10	22	22	44	46	28	10	30	30	32	288	48	8	589
130	W95537 Trailer, cargo, ¾-ton, 2-whl, WE	8	19	27	150	34	0	0	0	0	2	7	63	40	12	355
131	W95811 Trailer, cargo, 1½-ton, 2-whl, WE	0	8	12	0	65	1	29	0	0	0	1	9	5	18	147
132	W98825 Trailer, tank, water, 400-gal, 1½-ton, 2-whl, WE	1	2	4	0	12	1	2	1	3	0	4	36	0	4	65
133	X38639 Truck, ambulance, ¼-ton, 4x4, WE	2	2	1	0	4	0	0	0	0	0	0	0	1	0	10
134	X38961 Truck, ambulance, 1¼-ton, 6x6, WE	0	0	0	4	28	0	2	0	0	0	3	27	0	3	64
135	X39735 Truck, cargo, ¾-ton, 4x4, WE	8	20	0	0	38	0	0	0	0	2	0	0	0	0	68
136	X39872 Truck, cargo, ¾-ton, 4x4, w/winch, WE	0	1	0	0	2	0	0	0	0	0	0	0	0	0	3
137	X39940 Truck, cargo, 1¼-ton, 6x6, WE	0	0	51	233	54	65	19	9	27	0	13	117	95	22	683
138	X40009 Truck, cargo, 2½-ton, 6x6, WE	1	5	7	2	68	5	28	0	0	0	5	45	0	16	177
139	X40077 Truck, cargo, drop side, 2½-ton, 6x6, WE	0	0	0	0	5	0	0	0	0	0	0	0	0	0	5
140	X40146 Truck, cargo, 2½-ton, 6x6, w/winch, WE	0	2	0	0	1	0	27	0	0	0	0	0	5	0	35
141	X40420 Truck, cargo, 2½-ton, 6x6, XLWB, w/winch, WE	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
142	X40831 Truck, cargo, 5-ton, 6x6, LW8, WE	0	5	0	0	7	0	0	0	0	0	0	0	0	6	18
143	X43297 Truck, dump, 2½-ton, 6x6, WE	0	0	7	0	0	0	0	0	0	0	0	0	0	0	7
144	X43434 Truck, dump, 2½-ton, 6x6, w/winch, WE	0	0	17	0	0	0	0	0	0	0	0	0	0	0	17
145	X43708 Truck, dump, 5-ton, 6x6, WE	0	0	6	0	0	0	0	0	0	0	0	0	0	0	6
146	X55627 Truck, platform, utility, ½-ton, 4x4, WE	0	0	0	0	10	0	6	1	3	0	27	243	0	0	262
147	X58367 Truck, tank, water, 1,000-gal, 2½-ton, 6x6, WE	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
148	X59326 Truck, tractor, 5-ton, 6x6, WE	0	0	0	0	5	0	0	0	0	0	0	0	0	0	5
149	X60696 Truck, tractor, wrecker, 5-ton, 6x6, w/winch, WE	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
150	X60833 Truck, utility, ¼-ton, 4x4, WE	17	10	28	27	67	55	49	11	33	30	29	261	48	26	651
151	X62237 Truck, van, expansible, 5-ton, 6x6, WE	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
152	X62340 Truck, van, shop, 2½-ton, 6x6, WE	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
153	X63299 Truck, wrecker, 5-ton, 6x6, w/winch, WE	0	0	1	0	9	1	2	0	0	0	0	0	1	6	20

Table 2–15 Summary of Equipment–Airborne Division–Continued

1	LIN	Nomenclature	3 HHC (57-4H)	4 Cbt avn bn (57-55H)	5 Engr bn (5-25H)	6 Div arty (6-200H)	7 DISCOM (29-51H)	8 Sig bn (11-215H)	9 Air cav sqdn (17-275H)	10 Three bde HHC (57-42H) (1)	11 (3)	12 MP co (19-67H)	13 Nine abn inf bn (7-35H) (1)	14 (9)	15 ADA bn (44-425H)	16 Lt armd bn (17-215H)	17 Div total (57H)
		Class VIIL–Missiles															
154	G22933	Display set, target alert data (FAAR)	0	0	0	12	0	0	6	0	0	0	6	54	60	5	137
155	L45740	Launcher, tuhular, guided missile (TOW)	0	0	0	0	0	0	6	0	0	0	12	108	0	0	114
156	O16046	Radar set, AN/MPO-49 (FAAR)	0	0	0	0	0	0	0	0	0	0	0	0	8	0	8
157	V84002	Test set, radar, AN/MPM-59, OMTS (FAAR)	0	0	0	0	2	0	0	0	0	0	0	0	1	0	3
158	X45317	Truck, guided missile (TOW)	0	0	0	0	0	0	6	0	0	0	12	108	0	0	114
159	X45549	Truck, guided missile equip, jeep (TOW)	0	0	0	0	0	0	6	0	0	0	12	108	0	0	114
		Class VIIM–Weapons															
160	A22496	Aiming circle	0	0	0	26	0	0	0	0	0	0	5	45	0	0	71
161	A89820	Armament, pod, aircraft, 7 62-mm, machinegun, w/o weapon	0	4	0	0	0	0	18	0	0	0	0	0	0	0	22
162	A89992	Armament subsystem, helicopter, 20-mm, automatic gun	0	2	0	0	0	0	12	0	0	0	0	0	0	0	14
163	A90118	Armament subsystem, helicopter, 7 62-mm, machine-gun, light, w/o weapons, WE	0	30	0	0	1	0	28	2	6	0	0	0	0	0	65
164	A90437	Armament subsystem, helicopter, 7 62-mm, machine-gun, 40-mm launcher, hi rate, w/o weapons	0	6	0	0	0	0	27	0	0	0	0	0	0	0	33
165	E76866	Computer, gun direction	0	0	0	4	0	0	0	0	0	0	0	0	0	0	4
166	J96845	Gun, air defense artillery, towed, 20-mm	0	0	0	0	0	0	0	0	0	0	0	0	48	0	48
167	K57392	Howitzer, light, towed, 105-mm	0	0	0	54	0	0	0	0	0	0	0	0	0	0	54
168	L44174	Launcher, grenade, aircraft, 40-mm left or right hand feed	0	6	0	0	0	0	27	0	0	0	0	0	0	0	33
169	L44595	Launcher, grenade, 40-mm, single shot rifle, mtd detachable, WE	0	18	61	142	50	12	84	4	12	13	75	675	68	20	1,155
170	L45016	Launcher, rocket, aircraft, 2.75-in	0	6	0	0	0	0	36	0	0	0	0	0	0	0	42
171	L45063	Launcher, rocket, aircraft, 2 75-in, 19 tube (repair-able)	0	8	0	0	0	0	60	0	0	0	0	0	0	0	68
172	L45250	Launcher, rocket, 66-mm, 4-tube	0	0	0	0	0	0	6	0	0	0	6	54	0	5	65
173	L91838	Machinegun, cal .50, H8, flexible, vehicle mtd	0	0	0	0	0	0	0	0	0	0	0	0	0	54	54
174	L91975	Machinegun, cal .50, H8, flexible for ground use	0	0	4	0	0	0	21	0	0	0	0	0	0	15	40
175	L92260	Machinegun, 7.62-mm, aircraft, light door, mtd	0	60	0	0	2	0	56	4	12	0	0	0	0	0	130
176	L92323	Machinegun, 7 62-mm, six barrels	0	10	0	0	0	0	45	0	0	0	0	0	0	0	55
177	L92386	Machinegun, 7 62-mm, light, flexible	0	12	44	84	72	4	60	0	0	8	26	234	20	12	550
178	M68008	Mortar, 81-mm on mount	0	0	0	0	0	0	3	0	0	0	9	81	0	0	84
179	M68282	Mortar, 4 2-in, on mount	0	0	0	0	0	0	0	0	0	0	4	36	0	0	36
180	M75577	Mount, tripod, machinegun, heavy, cal 50	0	0	0	0	0	0	21	0	0	0	0	0	0	15	36
181	M75714	Mount, tripod, machinegun, 7 62-mm	0	12	44	84	72	4	30	0	0	8	26	234	20	12	520
182	N96741	Pistol, cal .45, automatic	36	0	21	67	89	9	19	10	30	142	115	1,035	14	230	1,692
183	R12989	Range finder, fire control, WE (laser)	0	0	0	0	0	0	3	0	0	0	0	0	0	0	3
184	R91107	Revolver, cal .38, 2-in, barrel	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
185	R91244	Revolver, cal 38, special, 4-in barrel	0	142	0	17	17	0	250	11	33	0	0	0	0	0	459
186	R94977	Rifle, 5.56-mm, WE	136	244	553	1,446	2,256	538	687	97	291	151	662	5,958	529	243	13,032
187	U56346	Submachinegun, cal 45	0	0	0	0	0	0	0	0	0	0	0	0	0	108	108
		Class VIIQ–Marine Equipment															
188	884404	Boat, reconnaissance, pneu 3-man	0	0	11	0	0	0	0	0	0	0	0	0	0	0	11
		Class VIIU–COMSEC Materiel															
189	E45766	Code changer key, KIK-18/TSEC	0	15	0	5	1	0	34	2	6	0	0	0	9	0	70
190	E45820	Code changer key, KYK-28/TSEC	5	17	6	36	10	13	41	5	15	5	12	108	7	9	272
191	H02300	Electronic teletypewriter security equipment, TSEC/KW-7	0	1	2	7	0	55	2	5	15	0	1	9	2	2	95
192	P43177	Power supply assembly, vehicular, Z-ACD	11	7	12	57	17	30	17	8	24	7	17	153	11	23	369

Table 2--15. Summary of Equipment—Airborne Division—Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
			Cbt					Air cav	Three bde HHC (57-42H)			Nine abn inf bn (7-35H)			Lt armd	
1 *LIN*	*Nomenclature*	*HHC (57-4H)*	*avn bn (57-55H)*	*Engr bn (5-25H)*	*Div arty (6-200H)*	*DISCOM (29-51H)*	*Sig bn (11-215H)*	*sqdn (17-275H)*	*(1)*	*(3)*	*MP co (19-67H)*	*(1)*	*(9)*	*ADA bn (44-425H)*	*bn (17-215H)*	*Div total (57H)*
193 U01295	Speech security equipment, abn, TSEC/KY-28	0	54	0	14	1	2	91	6	18	0	0	0	0	0	180
194 U01305	Speech security equipment, TSEC/KY-38	11	8	13	57	17	30	17	11	33	7	17	153	11	23	380
195 V08721	Tactical digital regenerative repeater, portable, HYL-3/TSEC	0	0	1	4	0	8	1	1	3	0	1	9	1	1	28
	Class VIIW—Ground: Construction and MHE															
196 F39172	Crane, whl, mtd, 3-ton	0	1	0	0	3	0	0	0	0	0	0	0	0	0	4
197 G34805	Dolly set, lift, transportable shelter, 2½-ton	0	0	0	0	18	2	0	0	0	0	0	0	0	0	20
198 J74920	Grader, road, motorized, dsl drvn, 10,000-lb, 12 ft blade w/lean front whl	0	0	4	0	0	0	0	0	0	0	0	0	0	0	4
199 S10682	Roller, towed, vibrating, ded/gas, 1 drum, 5-ton	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
200 S12575	Roller, towed, sheepsfoot, 2 dr	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
201 W76268	Tractor, full tracked, low speed, dsl, light dbp sectionalized, air transporting, w/ATT	0	0	6	0	0	0	0	0	0	0	0	0	0	0	6
202 W76302	Tractor, whl, ind, dsl drvn, 5,089 dbp, w/backhoe, w/loader, scoop-type	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3
203 W89557	Tractor, wheeled, warehouse, gas, 4,000 lb	0	0	0	0	3	0	0	0	0	0	0	0	0	0	3
204 X48914	Truck, lift, fork, dsl drvn, 6,000 lb cap, rough terrain	0	0	2	0	5	0	7	0	0	0	0	0	0	0	14
205 X49051	Truck, lift, fork, dsl drvn, 10,000-lb cap, rough terrain	0	0	0	0	3	0	0	0	0	0	0	0	0	0	3
206 X52476	Truck, lift, fork, gas, pt 10,000 lb, rough terrain	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
207 X52818	Truck, lift, fork, rough terrain, 3,000-lb	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1

Table 2–16. Summary of Equipment—Airborne Division Artillery; Field Artillery Battalion, 105-mm, Towed, Airborne Division; Air Defense Artillery Battalion, Vulcan, Towed, Airborne Division

1	2		3	4	5	6	7	8	9	10	11	12	13	14
			Abn div arty				*FA bn*				*ADA bn*			
				Three FA bn, 105-mm, towed				*Three FA btry, 105-mm, towed*				*Four ADA btry Vulcan, towed*		
1	*LIN*	*Nomenclature*	*HHB (6-201H)*	*(1)*	*(3)*	*Div arty total (6-200H)*	*HQ H&S btry (6-206H)*	*(1)*	*(3)*	*Bn total (6-205H)*	*HHB (44-426H)*	*(1)*	*(4)*	*Bn total (44-425H)*
		Class IIA—Air												
2	M02504	Maintenance platform, hydraulic, adjustable type, 3 to 7 ft high	2	0	0	2	0	0	0	0	0	0	0	0
		Class IIB—Troop Support												
3	K39774	Hoisting unit, truck mounting, org, maint set, no 7	0	0	0	0	0	0	0	0	0	1	4	4
4	V84014	Test set, radar, AN/TPM-23 (VADS)	0	0	0	0	0	0	0	0	0	2	8	8
5	W32867	Shop equipment, auto maint and rep, org sup no 1, less power	1	1	3	4	1	0	0	1	1	1	4	5
		Class IIE—General Supply												
6	G68966	Drum, fabric, collapsible, liquid fuel, 500-gal cap	6	2	6	12	2	0	0	2	0	0	0	0
		Class IIG—Electronics												
7	C68719	Cable, telephone, WO-1/TT, OR-8, 1,320 ft	20	44	132	152	17	9	27	44	39	109	436	475
8	C68856	Cable, telephone, WD-1/TT, RL-159/U, 5,280 ft	31	8	24	55	8	0	0	8	12	3	12	24
9	C68993	Cable, telephone, WD-1/TT, 2 cond, field wire	30	44	132	162	14	10	30	44	0	0	0	0
10	R30662	Receiver-transmitter, control group, AN/GRA-6	6	1	3	9	1	0	0	1	6	1	4	10
11	U82529	Switchboard, telephone, manual, SB-993/GT	0	0	0	0	0	0	0	0	0	3	12	12
12	V30937	Telephone set, TA-264/PT	0	1	3	3	1	0	0	1	0	0	0	0
		Class VIIA—Air												
13	K31042	Helicopter, observation, OH-58A	14	0	0	14	0	0	0	0	0	0	0	0
14	W62611	Tool set, aviation unit, maint set, no 1, ambl	2	0	0	2	0	0	0	0	0	0	0	0
15	X23227	Transporter, ambl, hydraulic lift, for shelter and X4 container	1	0	0	1	0	0	0	0	0	0	0	0
		Class VIIB—Troop Support												
16	E70064	Compressor, power drvn, trk, 2-whl pneu tires, gas drvn, 5 CFM, 175 PSI	1	1	3	4	1	0	0	1	1	1	4	5
17	E70201	Compressor, RCP, power drvn, trk, 2-whl, pneu tires, gas drvn, 8 CFM, 175 PSI	1	0	0	1	0	0	0	0	0	0	0	0
18	G02204	Detecting set, mine, ptbl metallic and nonmetallic	1	4	12	13	1	1	3	4	1	1	4	5
19	G02341	Detecting set, mine, ptbl metallic (AN/PSS-11)	1	4	12	13	1	1	3	4	1	1	4	5
20	J41452	Generator set, gas eng, tlr mtd, 10 kw, 400 hz, mtd on M103 PU-304/MPO-4	2	0	0	2	0	0	0	0	0	0	0	0
21	J43918	Generator set, gas eng, 1.5 kw, 60 hz, 1 ph, 2 wire, AC 120V, shock, tac util	4	2	6	10	2	0	0	2	2	2	8	10
22	J44055	Generator set, gas eng, 1.5 kw, DC 28V, shock, tac util	8	13	39	47	7	2	6	13	4	2	8	12
23	J45699	Generator set, gas eng, 3 kw, 60 hz, 1-3 ph, 120/240, 120/208V, skid, tac util	1	0	0	1	0	0	0	0	0	0	0	0

Table 2–16. Summary of Equipment—Airborne Division Artillery; Field Artillery Battalion, 105-mm, Towed, Airborne Division; Air Defense Artillery Battalion, Vulcan, Towed, Airborne Division—Continued

1	2		3	4	5	6	7	8	9	10	11	12	13	14
			Abn div arty				*FA bn*				*ADA bn*			
				Three FA bn, 105-mm, towed (6-205H)				*Three FA btry, 105-mm, towed (6-207H)*				*Four ADA btry Vulcan, towed (44-427H)*		
1	*LIN*	*Nomenclature*	*HHB (6-201H)*	*(1)*	*(3)*	*Div arty total (6-200H)*	*HQ H&S btry (6-206H)*	*(1)*	*(3)*	*Bn total (6-205H)*	*HHB (44-426H)*	*(1)*	*(4)*	*Bn total (44-425H)*
24	J45836	Generator set, gas eng, 3 kw, 400 hz, 1-3 ph, AC 120/208/240V, tac util	2	2	6	8	2	0	0	2	0	0	0	0
25	J46110	Generator set, gas eng, 3 kw, DC 28V, skid-shock, tblr frame mtd, tac util	1	1	3	4	1	0	0	1	9	2	8	17
26	J47617	Generator set, gas eng, tlr mtd, 5 kw, 60 hz, 2 ea, mtd on M116 PU-620	5	0	0	5	0	0	0	0	0	0	0	0
27	J48713	Generator set, gas eng, 5 kw, 400 hz, 1-3 ph, AC 120/240, 120/208V, skid, tac util	0	0	0	0	0	0	0	0	8	0	0	8
28	J49055	Generator set, gas eng, 7.5 kw, DC 28.5V, whl mtd	2	0	0	2	0	0	0	0	0	0	0	0
29	L64131	Light set, marker, emergency, afld, runway, ptbl, battery op	1	0	0	1	0	0	0	0	0	0	0	0
30	P96640	Pumping assembly, flammable liquid, bulk transfer	3	1	3	6	1	0	0	1	0	0	0	0
31	U69083	Surveying instrument, azimuth, gyro, lightweight (SIAGL)	1	1	3	4	1	0	0	1	0	0	0	0
32	U69357	Surveying instrument, distance meas, electronic mwave, mnatzd purp	3	0	0	3	0	0	0	0	0	0	0	0
33	V71450	Test set, computer logic unit	1	1	3	4	1	0	0	1	0	0	0	0
34	W07701	Theodolite, survey, direct 0.002 mil, 30 porm, 5 power detachable tribrch	4	0	0	4	0	0	0	0	0	0	0	0
35	W07838	Theodolite survey, direct, 0.2 mil w/tripod and carrying case	0	2	6	6	2	0	0	2	0	0	0	0
36	W32593	Shop equipment, auto maint and rep, OM common no 1, less power	1	1	3	4	1	0	0	1	1	1	4	5
		Class VIIG—Electronics												
37	B67423	Binocular, electronic, AN/PAS-5	2	0	0	2	0	0	0	0	0	0	0	0
38	C69541	Cable, telephone, WF-16/U	0	0	0	0	0	0	0	0	8	2	8	16
39	M36739	Meteorological station, manual, AN/TMQ-4	1	0	0	1	0	0	0	0	0	0	0	0
40	Q15414	Radar set, AN/MPQ-4, less power	2	0	0	2	0	0	0	0	0	0	0	0
41	Q32756	Radio set, AN/GRC-106	2	1	3	5	1	0	0	1	5	1	4	9
42	Q34308	Radio set, AN/GRC-160	10	23	69	79	17	2	6	23	1	12	48	49
43	G38299	Radio set, AN/PRC-77	4	12	36	40	3	3	9	12	2	5	20	22
44	Q38335	Radio set, AN/PRC-90	28	0	0	28	0	0	0	0	0	0	0	0
45	Q53001	Radio set, AN/VRC-46	9	14	42	51	5	3	9	14	23	1	4	27
46	Q54174	Radio set, AN/VRC-47	1	2	6	7	2	0	0	2	8	6	24	32
47	Q55114	Radio set, AN/VRC-49	1	1	3	4	1	0	0	1	1	0	0	1
48	Q78282	Radio set, control group, AN/GRA-39	13	21	63	76	12	3	9	21	8	18	72	80
49	Q90120	Radio teletypewriter set, AN/GRC-142	4	1	3	7	1	0	0	1	0	0	0	0

Table 2—16. Summary of Equipment—Airborne Division Artillery; Field Artillery Battalion, 105-mm, Towed, Airborne Division; Air Defense Artillery Battalion, Vulcan, Towed, Airborne Division—Continued

1	2		3	4	5	6	7	8	9	10	11	12	13	14
			Abn div arty				*FA bn*				*ADA bn*			
				Three FA bn, 105-mm, towed				*Three FA btry, 105-mm, towed*				*Four ADA btry Vulcan, towed*		
1	*LIN*	*Nomenclature*	*HHB (6-201H)*	*(6-205H) (1)*	*(3)*	*Div arty total (6-200H)*	*HQ H&S btry (6-206H)*	*(6-207H) (1)*	*(3)*	*Bn total (6-205H)*	*HHB (44-426H)*	*(44-427H) (1)*	*(4)*	*Bn total (44-425H)*
50	Q91301	Radio teletypewriter set, AN/VSC-2	0	0	0	0	0	0	0	0	2	0	0	2
51	Q95810	Radiosonde baseline check set, AN/GMM-1A	1	0	0	1	0	0	0	0	0	0	0	0
52	R16476	Rawin set, AN/GMD-1	1	0	0	1	0	0	0	0	0	0	0	0
53	R50043	Recording set, weather data, AN/TMQ-5	1	0	0	1	0	0	0	0	0	0	0	0
54	U81707	Switchboard, telephone, manual, SB-22/PT	1	6	18	19	3	1	3	6	2	2	8	10
55	U82255	Switchboard, telephone, manual, SB-86/P	2	0	0	2	0	0	0	0	0	0	0	0
56	V30252	Telephone set, TA-1/PT	0	16	48	48	7	3	9	16	8	8	32	40
57	V31211	Telephone set, TA-312/PT	56	90	270	326	36	18	54	90	29	59	236	265
58	V38758	Teletypewriter, TT-537/G	1	0	0	1	0	0	0	0	0	0	0	0
		Class VIIK—Tactical Vehicles												
59	W95400	Trailer, cargo, ¼-ton, 2-whl, WE	10	4	12	22	4	0	0	4	16	8	32	48
60	W95537	Trailer, cargo, ¾-ton, 2-whl, WE	21	43	129	150	25	6	18	43	16	6	24	40
61	W95811	Trailer, cargo, 1½-ton, 2-whl, WE	0	0	0	0	0	0	0	0	1	1	4	5
62	X38639	Truck, ambulance, ¼-ton, 4x4, WE	0	0	0	0	0	0	0	0	1	0	0	1
63	X38961	Truck, ambulance, 1¼-ton, 6x6, WE	1	1	3	4	1	0	0	1	0	0	0	0
64	X39940	Truck, cargo, 1¼-ton, 6x6, WE	26	69	207	233	33	12	36	69	19	19	76	95
65	X40009	Truck, cargo, 2½-ton, 6x6, WE	2	0	0	2	0	0	0	0	0	0	0	0
66	X40146	Truck, cargo, 2½-ton, 6x6, w/winch, WE	0	0	0	0	0	0	0	0	1	1	4	5
67	X60833	Truck, utility, ¼-ton, 4x4, WE	15	4	12	27	4	0	0	4	16	8	32	48
68	X63299	Truck, wrecker, 5-ton, 6x6, w/winch, WE	0	0	0	0	0	0	0	0	1	0	0	1
		Class VIIL—Missiles												
69	G22933	Display set, target alert data (FAAR)	0	4	12	12	4	0	0	4	0	15	60	60
70	Q16046	Radar set, AN/MPQ-49 (FAAR)	0	0	0	0	0	0	0	0	8	0	0	8
71	V84002	Test set, radar, AN/MPM-59, OMTS (FAAR)	0	0	0	0	0	0	0	0	1	0	0	1
		Class VIIM—Weapons												
72	A22496	Aiming circle	2	8	24	26	2	2	6	8	0	0	0	0
73	E76866	Computer, gun direction	1	1	3	4	1	0	0	1	0	0	0	0
74	J96845	Gun, ADA, towed, 20-mm	0	0	0	0	0	0	0	0	0	12	48	48
75	K57392	Howitzer, light, towed, 105-mm	0	18	54	54	0	6	18	18	0	0	0	0
76	L44595	Launcher, grenade, 40-mm, single shot rifle, mtd, detachable, WE	7	45	135	142	6	13	39	45	4	16	64	68
77	L92386	Machinegun, 7.62-mm, light, flexible	9	25	75	84	7	6	18	25	4	4	16	20
78	M75714	Mount, tripod, machinegun, 7.62-mm	9	25	75	84	7	6	18	25	4	4	16	20
79	N96741	Pistol, cal .45, automatic	19	16	48	67	13	1	3	16	10	1	4	14
80	R91244	Revolver, cal .38, special, 4-in barrel	17	0	0	17	0	0	0	0	0	0	0	0
81	R94977	Rifle, 5.56-mm, WE	201	415	1,245	1,446	151	88	264	415	121	102	408	529

Table 2–16. Summary of Equipment–Airborne Division Artillery; Field Artillery Battalion, 105-mm, Towed, Airborne Division; Air Defense Artillery Battalion, Vulcan, Towed, Airborne Division–Continued

1	2		3	4	5	6	7	8	9	10	11	12	13	14
			Abn div arty				*FA bn*				*ADA bn*			
				Three FA bn, 105-mm, towed (6-205H)				*Three FA btry, 105-mm, towed (6-207H)*				*Four ADA btry Vulcan, towed (44-427H)*		
1	*LIN*	*Nomenclature*	*HHB (6-201H)*	*(1)*	*(3)*	*Div arty total (6-200H)*	*HQ H&S btry (6-206H)*	*(1)*	*(3)*	*Bn total (6-205H)*	*HHB (44-426H)*	*(1)*	*(4)*	*Bn total (44-425H)*
		Class VIIU–COMSEC Materiel												
82	E45766	Code changer key, KIK-18/TSEC	5	0	0	5	0	0	0	0	9	0	0	9
83	E45820	Code changer key, KYK-28/TSEC	9	9	27	36	6	1	3	9	3	1	4	7
84	H02300	Electronic teletypewriter security equipment, TSEC/KW-7	4	1	3	7	1	0	0	1	2	0	0	2
85	P43177	Power supply assembly, vehicular, Z-ACD	9	16	48	57	10	2	6	16	7	1	4	11
86	U01295	Speech security equipment abn, TSEC/KY-28	14	0	0	14	0	0	0	0	0	0	0	0
87	U01305	Speech security equipment, TSEC/KY-38	9	16	48	57	10	2	6	16	7	1	4	11
88	V08721	Tactical digital regenerative repeater, portable, HYL-3/TSEC	1	1	3	4	1	0	0	1	1	0	0	1

Table 2–17. Summary of Equipment–Combat Aviation Battalion/Engineer Battalion/Signal Battalion, Airborne Division

1	2	3	4	5	6	7	8	9	10	11	12	13	14
		Combat aviation bn				*Engineer bn*				*Signal bn*			
1	*LIN* *Nomenclature*	*HHC (57-56H)*	*Aslt hel co (57-57H)*	*Avn GS co (57-58H)*	*Bn total (57-55H)*	*HHC (5-26H)*	*Three engr co (5-27H) (1)*	*(3)*	*Bn total (5-25H)*	*HHC (11-216H)*	*Comd op co (11-217H)*	*Spt op co (11-218H)*	*Bn total (11-215H)*
	Class IIA–Air												
2	M02470 Maintenance platform, hydraulic adjustable to 10 ft high, 44½-in wide	0	4	2	6	0	0	0	0	0	0	0	0
3	M02504 Maintenance platform, hydraulic adjustable type, 3 to 7 ft high	0	4	2	6	0	0	0	0	0	0	0	0
	Class IIB–Troop Support												
4	L64542 Light set, operational area, acft, ½ kw, heliport (Army)	0	3	1	4	0	0	0	0	0	0	0	0
5	W32867 Shop equipment, auto maint and rep, org sup no 1, less power	1	1	1	3	0	1	3	3	0	0	0	0
	Class IIE–General Supply												
6	G68966 Drum, fabric, collapsible, liquid fuel, 500-gal cap	1	12	6	19	3	0	0	3	0	0	0	0
	Class IIG–Electronics												
7	C68719 Cable, telephone, WO-1/TT, OR-8 1,320 ft	15	12	12	39	9	19	57	66	24	34	24	82
8	C68856 Cable, telephone, WD-1/TT, RL-1,590, 5,280 ft	4	4	4	12	6	4	12	18	0	104	36	140
9	C68993 Cable, telephone, WD-1/TT, 2 cond, field wire	0	0	0	0	6	4	12	18	0	180	42	222
10	R30662 Receiver-transmitter, control group, AN/GRA-6	0	1	1	2	2	0	0	2	1	3	0	4
11	U82529 Switchboard, telephone, manual, S8-993/GT	0	0	0	0	0	3	9	9	0	0	0	0
	Class VIIA–Air												
12	K29660 Helicopter, attack, AH-1G	0	6	0	6	0	0	0	0	0	0	0	0
13	K31042 Helicopter, observation, OH-58A	0	0	6	6	0	0	0	0	0	0	0	0
14	K31795 Helicopter, utility, UH-1H	0	23	7	30	0	0	0	0	0	0	0	0
15	T17090 Shop set, acft maint, ambl, UH-1, co size, DS	0	1	0	1	0	0	0	0	0	0	0	0
16	W62611 Tool set, aviation unit, maint set no 1, ambl	0	4	2	6	0	0	0	0	0	0	0	0
17	X23227 Transporter ambl, hydraulic lift, for shelter and X-4 container	0	5	0	5	0	0	0	0	0	0	0	0
	Class VIIB–Troop Support												
18	E69242 Compressor, RCP, power drvn, air rec, gas drvn, 15 CFM, 175 PSI	0	1	0	1	1	0	0	1	1	0	0	1
19	E70064 Compressor, RCP, power drvn, trk, 2-whl, pneu tires, gas drvn, 5 CFM, 175 PSI	1	1	1	3	0	1	3	3	0	1	1	2
20	E70201 Compressor, rcp, power drvn, trk, 2-whl, pneu tires, gas drvn, 8 CFM, 175 PSI	0	1	1	2	0	0	0	0	0	0	0	0
21	G02204 Detecting set, mine, ptbl, metallic and nonmetallic	0	0	0	0	3	13	39	42	0	4	4	8
22	G02341 Detecting set, mine, ptbl, metallic (AN/PSS-11)	0	0	0	0	5	10	30	35	0	4	4	8
23	H94824 Forward area refueling equipment (FARE)	0	4	2	6	0	0	0	0	0	0	0	0
24	J36383 Generator set, dsl eng, tlr mtd, 30 kw, 60 hz, mtd on M200 PU-406	1	0	0	1	0	0	0	0	0	0	0	0

Table 2–10. Summary of Equipment–Air Cavalry Squadron/Infantry Battalion/Armor Battalion, Airborne Division–Continued

1	LIN	Nomenclature	3	4	5	6	7	8	9	10	11	12	13	14	15	16
		2	Air cav sqdn					Infantry bn					Armor bn			
			HHT (17-276H)	Cav trp (17-277H)	Three air cav trp (17-278H) (1)	Three air cav trp (17-278H) (3)	Sqdn total (17-275H)	HHC (7-36H)	Three rifle co (7-37H) (1)	Three rifle co (7-37H) (3)	Cbt Spt co (7-38H)	Bn total (7-35H)	HHC (17-216H)	Three armor co (17-218H) (1)	Three armor co (17-218H) (3)	Bn total (17-215H)
95	L92323	Machinegun, 7.62-mm, six barrels	0	0	15	45	45	0	0	0	0	0	0	0	0	0
96	L92386	Machinegun, 7 62-mm, light, flexible	2	16	14	42	60	2	6	18	6	26	12	0	0	12
97	M68008	Mortar, 81-mm, on mount	0	3	0	0	3	0	3	9	0	9	0	0	0	0
98	M68282	Mortar, 4.2-in, on mount	0	0	0	0	0	0	0	0	4	4	0	0	0	0
99	M75577	Mount, tripod, machinegun, heavy, cal .50	3	0	6	18	21	0	0	0	0	0	12	1	3	15
100	M75714	Mount, tripod, machinegun, 7.62-mm	2	16	4	12	30	2	6	18	6	26	12	0	0	12
101	N82364	Periscope, battery, command	0	0	0	0	0	0	0	0	1	1	0	0	0	0
102	N96741	Pistol, cal .45, automatic	0	19	0	0	19	20	23	69	26	115	23	69	207	230
103	R12989	Range finder, fire control, WE (laser)	0	3	0	0	3	0	0	0	0	0	0	0	0	0
104	R91244	Revolver, cal .38, special, 4-in barrel	46	0	68	204	250	0	0	0	0	0	0	0	0	0
105	R94977	Rifle, 5.56-mm, WE	204	114	123	369	687	122	148	444	96	662	192	17	51	243
106	U56346	Submachinegun, cal .45	0	0	0	0	0	0	0	0	0	0	6	34	102	108
		Class VIIU–COMSEC Materiel														
107	E45766	Code changer key, KIK-18/TSEC	1	0	11	33	34	0	0	0	0	0	0	0	0	0
108	E45820	Code changer key, KYK-28/TSEC	4	1	12	36	41	4	1	3	5	12	6	1	3	9
109	H02300	Electronic teletypewriter security equipment, TSEC/KW-7	2	0	0	0	2	1	0	0	0	1	2	0	0	2
110	P43177	Power supply assembly, vehicular, Z-ACD	6	2	3	9	17	9	1	3	5	17	17	2	6	23
111	U01295	Speech security equipment, airborne, TSEC/KY-28	10	0	27	81	91	0	0	0	0	0	0	0	0	0
112	U01305	Speech security equipment, TSEC/KY-38	6	2	3	9	17	9	1	3	5	17	17	2	6	23
113	V08721	Tactical digital regenerative repeater, portable, HYL-3/TSEC	1	0	0	0	1	1	0	0	0	1	1	0	0	1
		Class VIIW–Ground: Construction and MHE														
114	X48914	Truck, lift, fork, dsl drvn, 6,000-lb cap, rough terrain	1	0	2	6	7	0	0	0	0	0	0	0	0	0
115	X52476	Truck, lift, fork, gas pt 10,000-lb, rough terrain	1	0	0	0	1	0	0	0	0	0	0	0	0	0

Table 2—21. Summary of Equipment—Type of Air Assault Division

1	LIN	Nomenclature	3 HHC (67-4H)	4 MP co (19-87H)	5 Avn gp (7-200H)	6 Sig bn (11-205H)	7 Engr bn (5-215H)	8 Three bde HHC (67-42H) (1)	9 Three bde HHC (67-42H) (3)	10 Cav sqdn (17-95H)	11 Div arty (6-700H)	12 DISCOM (29-41H)	13 Nine ambl inf bn (1)	14 Nine ambl inf bn (9)	15 ADA bn (44-435H)	16 Div total (67H)
		Class IIA—Air														
2	A21383	Aerial recovery kit for Army acft	0	0	0	0	0	0	0	0	5	4	0	0	0	9
3	M02470	Maintenance platform, hydraulic adjustable to 10-ft high, 44½-in wide	0	0	25	0	0	2	6	10	9	2	0	0	0	52
4	M02504	Maintenance platform, hydraulic adjustable type, 3 to 7 ft high	0	0	31	0	0	2	6	10	9	2	0	0	0	58
		Class IIB—Troop Support														
5	H52010	Filter-separator, liquid fuel, 100 GPM, 75 PSI, 2-in inlet, 2-in outlet	0	0	0	0	0	0	0	0	0	7	0	0	0	7
6	K39774	Hoisting unit, truck mounting, organizational maint set no 7	0	1	0	1	0	0	0	0	0	0	0	0	1	3
7	L64542	Light set, operational area, acft, ½ kw, heliport (Army)	0	0	39	0	0	0	0	4	1	3	0	0	0	47
8	P90610	Pumping assembly, flammable liquid, bulk transfer, gas drvn, 100 GPM	0	0	0	0	0	0	0	0	0	19	0	0	0	19
9	V63606	Test set, antiaircraft artillery, AN/MWM-2 (VADS)	0	0	0	0	0	0	0	0	0	4	0	0	0	4
10	V84014	Test set, radar, AN/TPM-23 (VADS)	0	0	0	0	0	0	0	0	0	4	0	0	8	12
11	W32867	Shop equipment, auto maint and rep, org sup no 1, less power	1	1	16	0	0	1	3	5	6	14	0	0	0	46
12	W67843	Torch outfit, cutting and welding set 2	0	0	0	0	0	0	0	0	0	1	0	0	1	2
13	Z13157	Card punch machine, ADPE	0	0	0	0	0	0	0	0	0	8	0	0	0	8
14	Z74660	Sorter, ADPE	0	0	0	0	0	0	0	0	0	2	0	0	0	2
15	F77651	CS3, Data analysis central, OL-88(V), 1/MYK-8(V)	0	0	0	0	0	0	0	0	0	1	0	0	0	1
16	F77918	CS3, Data storage group, OL-89(V), 1/MYK-8(V)	0	0	0	0	0	0	0	0	0	1	0	0	0	1
17	F77964	CS3, Data support facility, mobile, V-460/MYK-8(V)	0	0	0	0	0	0	0	0	0	1	0	0	0	1
18	M57481	CS3, Maintenance shop facility, mobile, V-452/MYK-8(V)	0	0	0	0	0	0	0	0	0	1	0	0	0	1
19	U43735	CS3, Storage facility, mobile, V-483/MYK-8(V)	0	0	0	0	0	0	0	0	0	1	0	0	0	1
20	J35801	CS3, Generator, diesel engine, 100 kw, 60 hz, mounted on M353, PU-495	0	0	0	0	0	0	0	0	0	2	0	0	0	2
21	X59326	CS3, Truck tractor, 5-ton, 6x6, WE, M818	0	0	0	0	0	0	0	0	0	2	0	0	0	2
		Class IIE—General Supply														
22	G68966	Drum, fabric, collapsible, liquid fuel, 500-gal capacity	0	0	109	0	3	2	6	21	32	18	2	18	0	207
		Class IIG—Electronics														
23	C68719	Cable, telephone, WO-1/TT, OR-8 1,320 ft	0	3	252	32	93	22	66	117	387	54	79	711	412	2,127
24	C68856	Cable, telephone, WD-1/TT, RL-159/U 5,280 ft	0	2	73	72	0	10	30	0	106	26	16	144	24	477
25	C68993	Cable, telephone, WD-1/TT, 2 cond, field wire	0	0	10	0	0	20	60	19	188	2	59	531	0	810
26	R30662	Receiver-transmitter, control group, AN/GRA-6	1	0	11	2	0	2	6	6	11	1	0	0	3	41
27	U82529	Switchboard, telephone, manual, SB-993/GT	0	0	0	0	12	0	0	6	18	7	10	90	12	145
		Class VIIA—Air														
28	K29660	Helicopter, attack, AH-1G	0	0	24	0	0	0	0	27	36	0	0	0	0	87
29	K30449	Helicopter, cargo, transport, CH-47C	0	0	48	0	0	0	0	0	0	0	0	0	0	48
30	K31042	Helicopter, observation, OH-58A	0	0	16	0	0	8	24	30	16	0	0	0	0	86
31	K31795	Helicopter, utility, UH-1H	0	0	132	0	0	4	12	28	6	16	0	0	0	194
32	K31804	Helicopter, utility, UH-1M	0	0	6	0	0	0	0	0	0	0	0	0	0	6
33	T17090	Shop set, acft maint, airmobile, UH-1, co size, DS	0	0	6	0	0	0	0	0	2	0	0	0	0	8

Table 2–21. Summary of Equipment–Type of Air Assault Division—Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
							Three bde HHC (67-42H)					Nine ambl			
1	*LIN*	*Nomenclature*	*HHC (67-4H)*	*MP co (19-87H)*	*Avn gp (7-200H)*	*Sig bn (11-205H)*	*Engr bn (5-215H)*	*(1)*	*(3)*	*Cav sqdn (17-95H)*	*Div arty (6-700H)*	*DISCOM (29-41H)*	*inf bn (1)*	*inf bn (9)*	*ADA bn (44-435H)*	*Div total (67H)*
34	T17093	Shop set, acft maint, airmobile, UH-1/OH-6, co size, DS	0	0	3	0	0	0	0	3	1	0	0	0	0	7
35	W62611	Tool set, aviation unit, maint, set no 1, airmobile	0	0	31	0	0	2	6	10	9	2	0	0	0	58
36	W93995	Trailer, acft maint, airmobile, 4-whl, 30/48-in trf rail system	0	0	0	0	0	0	0	0	0	8	0	0	0	8
37	X23227	Transporter, airmobile, hydraulic lift, for shelter and X-4 container	0	0	43	0	0	1	3	10	11	53	0	0	0	120
		Class VIIB–Troop Support														
38	E69242	Compressor, rcp, power drvn, air rec, gas drvn, 15 CFM, 175 PSI	0	0	0	1	1	0	0	0	1	0	0	0	1	4
39	E70064	Compressor, rcp, power drvn, trk, 2-whl, pneu tires, gas drvn, 5 CFM, 175 PSI	1	1	16	0	0	1	3	5	10	18	1	9	0	63
40	E70201	Compressor, rcp, power drvn, trk, 2-whl, pneu tires, gas drvn, 8 CFM, 175 PSI	0	0	9	0	0	1	3	4	6	1	0	0	0	23
41	E70817	Compressor, rcp, power drvn, air whl, gas drvn, 4 CFM, 3,000 PSI	0	0	3	0	0	0	0	0	0	0	0	0	0	3
42	G02204	Detecting set, mine, ptbl, metallic and nonmetallic	0	3	0	4	57	0	0	4	24	9	4	36	5	142
43	G02341	Detecting set, mine, ptbl, metallic (AN/PSS-11)	0	3	0	4	46	0	0	4	24	9	8	72	5	167
44	H94824	Forward area refueling equipment (FARE)	0	0	36	0	0	2	6	7	11	10	0	0	0	70
45	H94893	Forward area refueling equipment system	0	0	2	0	0	0	0	0	0	0	0	0	0	2
46	J04716	Fuel system supply point, ptbl, 60,000-gal cap	0	0	0	0	0	0	0	0	0	5	0	0	0	5
47	J35835	Generator set, dsl eng, 15 kw, 60 hz, 3 ph, AC 120/208 240/416V, skid, tac util	0	0	0	0	0	0	0	0	0	6	0	0	0	6
48	J36109	Generator set, dsl eng, 30 kw, 60 hz, 3 ph, AC 120/208 240/416V, 50 hz, tac util	0	0	0	0	0	0	0	0	0	11	0	0	0	11
49	J36383	Generator set, dsl eng, tlr mtd, 30 kw, 60 hz, mtd on M200 PU-406	0	0	1	0	0	0	0	0	0	0	0	0	0	1
50	J36725	Generator set, dsl eng, 30 kw, AC 120/208 240/416V, 3 ph, 400 hz, tac precise	0	0	0	0	0	0	0	0	0	2	0	0	0	2
51	J41041	Generator set, gas eng, tlr mtd, PU-253/U	0	0	5	0	0	0	0	0	0	0	0	0	0	5
52	J42100	Generator set, gas eng, tlr mtd, 10 kw, 60 cy, 1 ph, AC 120/240V, PU-619/M	1	0	5	1	0	0	0	0	0	7	0	0	0	14
53	J42685	Generator set, gas eng, 0.3 kw, AC 115V, 1 ph, 400 hz, DC 24 to 35V	0	0	2	0	0	0	0	0	0	0	0	0	0	2
54	J42976	Generator set, gas eng, 0.5 kw, 60 cy, 1 ph, AC 120/240V, shock mtd	0	0	39	0	0	0	0	4	6	4	0	0	0	53
55	J43027	Generator set, gas eng, 0.5 kw, 400 hz, 1 ph, AC 120/240V, skid-shock, tac util	0	0	0	0	0	0	0	0	1	0	4	36	0	37
56	J43918	Generator set, gas eng, 1.5 kw, 60 hz, 1 ph, 2 wire, AC 120V, shock, tac util	1	2	125	73	6	5	15	24	42	39	3	27	2	356
57	J44055	Generator set, gas eng, 1.5 kw, DC 28V, shock, tac util	0	5	0	0	5	0	0	3	58	11	2	18	16	116
58	J45699	Generator set, gas eng, 3 kw, 60 hz, 1-3 ph, 120/240 120/208V, skid, tac util	0	0	7	14	14	2	6	0	7	19	0	0	0	67
59	J45836	Generator set, gas eng, 3 kw, 400 hz, 1-3 ph, AC 120/208/240V, tac util	0	0	1	0	0	0	0	0	34	0	0	0	0	35

Table 2—21. Summary of Equipment—Type of Air Assault Division—Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
							Three bde HHC					Nine ambl			
1 LIN	Nomenclature	HHC (67-4H)	MP co (19-87H)	Avn gp (7-200H)	Sig bn (11-205H)	Engr bn (5-215H)	(67-42H) (1)	(3)	Cav sqdn (17-95H)	Div arty (6-700H)	DISCOM (29-41H)	inf bn (1)	(9)	ADA bn (44-435H)	Div total (67H)
60 J46110	Generator set, gas eng, 3 kw, DC 28V, skid-shock, tblr frame mtd, tac util	1	1	32	62	2	3	9	11	19	24	1	9	4	174
61 J46384	Generator set, gas eng, tlr mtd, 3 kw, 60 hz, 2 ea, mtd on M101 PU-617	0	0	0	4	0	0	0	0	0	0	0	0	0	4
62 J47068	Generator set, gas eng, 5 kw, 60 hz, 1-3 ph, AC 120/240 120/208V, skid, tac util	0	0	60	0	4	2	6	3	0	23	0	0	0	96
63 J47617	Generator set, gas eng, tlr mtd, 5 kw, 60 hz, 2 ea, mtd on M116 PU-620	0	0	13	0	0	0	0	0	2	1	0	0	0	16
64 J48713	Generator set, gas eng, 5 kw, 400 hz, 1-3 ph, AC 120/240 120/208V, skid, tac util	0	0	0	0	0	0	0	0	0	0	0	0	8	8
65 J49055	Generator set, gas eng, 7.5 kw, DC 28.5V, whl mtd	0	0	34	0	0	2	6	16	9	4	0	0	0	69
66 J49398	Generator set, gas eng, 10 kw, 60 hz, 1-3 ph, AC 120/240 120/208V, tac util	0	0	0	0	0	0	0	0	0	20	0	0	0	20
67 L27293	Kit, firefighting, airmobile	0	0	0	0	0	1	3	0	1	0	0	0	0	4
68 L27327	Kit, fire suppression, airmobile	0	0	0	0	0	1	3	0	1	0	0	0	0	4
69 L64131	Light set, marker, emergency, afld runway, ptbl, battery op	0	0	24	0	5	1	3	4	28	5	6	54	0	123
70 P96640	Pumping assembly, flammable liquid, bulk transfer	0	0	0	0	1	1	3	0	4	0	1	9	0	17
71 T10138	Shop equip, contact maint, trk mtd	0	0	0	0	4	0	0	0	0	8	0	0	0	12
72 U69083	Surveying instrument, azimuth gyro ltwt (SIAGL)	0	0	0	0	0	0	0	0	7	0	0	0	0	7
73 U69357	Surveying instrument, distance meas, electronic mwave, minatzd purpose	0	0	0	0	0	0	0	0	6	0	0	0	0	6
74 V12141	Tank and pump unit, liquid dispensing, trk mounting	0	0	13	0	0	0	0	3	4	3	0	0	0	23
75 V19950	Tank unit, liquid dispensing, trailer mounting	0	0	14	0	0	0	0	3	8	5	0	0	0	30
76 V71450	Test set, computer logic unit	0	0	0	0	0	0	0	0	5	0	0	0	0	5
77 W07701	Theodolite, survey, direct 0.002 mil, 30 porm, 5 power detachable tribrch	0	0	0	0	0	0	0	0	6	0	0	0	0	6
78 W07838	Theodolite survey, direct 0.2 mil, w/tripod and carrying case	0	0	0	0	0	0	0	0	9	0	0	0	0	9
79 W32593	Shop equipment, auto maint and rep, OM common no 1, less power	1	1	16	0	0	1	3	5	11	14	1	9	0	60
80 W32730	Shop equipment, auto maint and rep, OM common no 2, less power	0	0	0	1	1	0	0	0	1	0	0	0	1	4
81 Y35143	Water purif equip set, diatomite filter, 420 GPH	0	0	0	0	8	0	0	0	0	0	0	0	0	8
82 Z30140	Generator set, gas eng, tlr mtd, 3 kw, DC 28V, 2 wire svc, air colled, PU675	0	0	0	0	0	0	0	0	0	0	0	0	2	2
	Class VIIG—Electronics														
83 A28833	Aircraft control, central, AN/TSQ-70, less power	0	0	5	0	0	0	0	0	0	0	0	0	0	5
84 B67423	Binocular, electronic, AN/PAS-5	0	0	0	0	52	0	0	0	0	0	0	0	0	52
85 C69541	Cable telephone, WF-16/U	0	2	0	0	0	0	0	0	0	0	0	0	16	18
86 E58601	Command console, electronic, AN/ASC-15	0	0	4	0	0	4	12	2	3	0	0	0	0	21
87 H76352	Flight coordination, central, AN/TSC-61, less power	0	0	1	0	0	0	0	0	0	0	0	0	0	1
88 L36402	Landing control, central, AN/TSQ-71, less power	0	0	5	0	0	0	0	0	0	0	0	0	0	5
89 L60318	Light beacon, MX-7301/TVN	0	0	29	0	0	2	6	2	6	0	0	0	0	43
90 M36739	Meteorological station, manual, AN/TMQ-4	0	0	0	0	0	0	0	0	1	0	0	0	0	1
91 N04730	Night vision, sight, individual, servep weapon, AN/PVS-2	0	0	6	0	36	0	0	44	1	0	78	702	0	789

Table 2–21. Summary of Equipment–Type of Air Assault Division–Continued

1	LIN	Nomenclature	3 HHC (67-4H)	4 MP co (19-87H)	5 Avn gp (7-200H)	6 Sig bn (11-205H)	7 Engr bn (5-215H)	8 Three bde HHC (67-42H) (1)	9 Three bde HHC (67-42H) (3)	10 Cav sqdn (17-95H)	11 Div arty (6-700H)	12 DISCOM (29-41H)	13 Nine ambl inf bn (1)	14 Nine ambl inf bn (9)	15 ADA bn (44-435H)	16 Div total (67H)
92	N15518	Night vision sight, tripod mounted, AN/TVS-4	0	0	0	0	0	0	0	3	4	0	7	63	0	70
93	Q32756	Radio set, AN/GRC-106	1	0	2	2	0	0	0	6	1	0	0	0	2	14
94	Q34308	Radio set, AN/GRC-160	1	1	15	0	0	0	0	18	15	0	1	9	37	96
95	Q37982	Radio set, AN/PRC-41	0	0	2	0	0	3	9	0	0	1	0	0	0	12
96	Q38119	Radio set, AN/PRC-47	0	0	0	0	0	0	0	12	0	0	0	0	0	12
97	Q38296	Radio set, AN/PRC-74	0	0	0	0	0	3	9	0	17	0	5	45	0	71
98	Q38299	Radio set, AN/PRC-77	0	0	52	0	61	9	27	63	99	16	97	873	0	1,191
99	Q38335	Radio set, AN/PRC-90	0	0	452	0	0	24	72	170	77	32	0	0	0	803
100	Q50421	Radio set, AN/VRC-24	0	0	12	0	0	1	3	4	5	0	0	0	0	24
101	Q52394	Radio set, AN/VRC-44	0	0	0	0	0	0	0	0	0	0	0	0	4	4
102	Q53001	Radio set, AN/VRC-46	8	39	47	14	17	9	27	14	70	42	2	18	26	322
103	Q54174	Radio set, AN/VRC-47	3	0	30	6	9	2	6	22	29	18	1	9	12	144
104	Q54829	Radio set, AN/VRC-48	0	0	0	0	0	0	0	0	0	0	0	0	12	12
105	Q55114	Radio set, AN/VRC-49	0	0	0	7	1	1	3	1	17	0	1	9	0	38
106	Q56783	Radio set, AN/VRC-64	0	0	20	0	0	2	6	1	0	4	0	0	0	31
107	Q78282	Radio set, control group, AN/GRA-39	7	5	55	3	5	12	36	24	102	27	4	36	38	338
108	Q90120	Radio teletypewriter set, AN/GRC-142	0	0	0	0	0	0	0	0	1	1	0	0	0	2
109	Q91301	Radio teletypewriter set, AN/VSC-2	0	0	11	19	2	1	3	2	6	0	1	9	2	54
110	Q92197	Radio terminal set, AN/MRC-127, less power	0	0	0	25	0	0	0	0	0	0	0	0	0	25
111	Q95810	Radiosonde baseline check set, AN/GMM-1A	0	0	0	0	0	0	0	0	1	0	0	0	0	1
112	R16476	Rawin set, AN/GMD-1	0	0	0	0	0	0	0	0	1	0	0	0	0	1
113	R29799	Receiver set, radio, AN/PRR-9	0	8	0	0	0	0	0	0	0	0	117	1,053	0	1,061
114	R50043	Recording set, weather data, AN/TMQ-5	0	0	0	0	0	0	0	0	1	0	0	0	0	1
115	U81707	Switchboard, telephone, manual, SB-22/PT	0	1	23	13	6	4	12	6	32	21	4	36	6	156
116	U82255	Switchboard, telephone, manual, SB-86/P	0	0	1	0	0	0	0	0	0	0	0	0	0	1
117	V29156	Telephone, central office group, AN/MTC-10	0	0	0	7	0	0	0	0	0	0	0	0	0	7
118	V30252	Telephone set, TA-1/PT	0	0	3	0	12	0	0	29	92	10	70	630	40	816
119	V31211	Telephone set, TA-312/PT	0	10	255	246	44	24	72	44	425	215	57	513	249	2,073
120	V38758	Teletypewriter, TT-537/G	0	0	0	0	0	0	0	0	1	0	0	0	0	1
121	V57914	Terminal, telegraph-telephone, AN/TCC-29	0	0	3	6	0	0	0	0	1	0	0	0	0	10
122	X17820	Transmitter set, radio, AN/PRT-4	0	8	0	0	0	0	0	0	0	0	57	513	0	521
		Class VIIK–Tactical Vehicles														
123	E02807	Chassis trailer, generator 2½-ton, 2-whl, WE	0	0	0	0	0	0	0	0	0	13	0	0	0	13
124	S70243	Semitrailer, low bed, wrecker, 12-ton, 4-whl, 40-ft, WE	0	0	0	0	0	0	0	0	0	1	0	0	0	1
125	S74490	Semitrailer, van, expansible, 6-ton, 4-whl (Army)	0	0	0	0	0	0	0	0	0	2	0	0	0	2
126	W93961	Trailer, aircraft, cargo loading-unloading, 3½-ton, 4-whl, WE	0	0	0	0	0	0	0	0	0	25	0	0	0	25
127	W94030	Trailer, ammunition, 1½-ton, 2-whl, WE	0	0	0	0	0	0	0	0	22	0	0	0	0	22
128	W95400	Trailer, cargo, ¼-ton, 2-whl, WE	13	35	60	48	28	11	33	28	100	55	6	54	7	461
129	W95537	Trailer, cargo, ¾-ton, 2-whl, WE	8	6	103	12	6	0	0	15	34	39	0	0	14	237
130	W95811	Trailer, cargo, 1½-ton, 2-whl, WE	1	1	64	2	4	0	0	11	26	44	0	0	0	153
131	W98825	Trailer, tank, water, 400-gal, 1½-ton, 2-whl, WE	1	0	16	2	5	0	0	5	11	16	0	0	1	57
132	X38639	Truck, ambulance, ¼-ton, 4x4, WE	0	0	3	0	1	0	0	0	1	6	0	0	0	11
133	X38961	Truck, ambulance, 1¼-ton, 6x6, WE	0	0	0	0	0	0	0	2	0	18	0	0	0	20
134	X39735	Truck, cargo, ¾-ton, 4x4, WE	10	6	118	3	11	0	0	12	25	81	0	0	7	273
135	X39872	Truck, cargo, ¾-ton, 4x4, w/winch, WE	0	0	0	6	0	0	0	2	7	4	0	0	0	19

Table 2–21. Summary of Equipment–Type of Air Assault Division–Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
							Three bde HHC					Nine ambl			Div
LIN	Nomenclature	HHC (67-4H)	MP co (19-87H)	Avn gp (7-200H)	Sig bn (11-205H)	Engr bn (5-215H)	(67-42H) (1)	(3)	Cav sqdn (17-95H)	Div arty (6-700H)	DISCOM (29-41H)	inf bn (1)	(9)	ADA bn (44-435H)	total (67H)
X39940	Truck, cargo, 1¼-ton, 6x6, WE	0	0	0	28	5	5	15	22	58	3	2	18	86	235
X40009	Truck, cargo, 2½-ton, 6x6, WE	1	0	62	3	6	0	0	4	33	48	0	0	1	158
X40077	Truck, cargo, drop side, 2½-ton, 6x6, WE	0	0	0	0	0	0	0	0	0	8	0	0	0	8
X40146	Truck, cargo, 2½-ton, 6x6, w/winch, WE	1	1	1	1	0	0	0	12	4	12	0	0	1	33
X40831	Truck, cargo, 5-ton, 6x6, LW8, WE	0	0	13	0	0	0	0	0	19	5	0	0	0	37
X40968	Truck, cargo, 5-ton, 6x6, LW8, w/winch, WE	0	0	0	0	0	0	0	0	21	0	0	0	0	21
X43297	Truck, dump, 2½-ton, 6x6, WE	0	0	0	0	55	0	0	0	0	0	0	0	0	55
X55627	Truck, platform, utility, ½-ton, 4x4, WE	0	0	12	0	0	5	15	0	9	44	45	405	0	485
X57271	Truck, tank, fuel servicing, 2½-ton, 6x6, WE	0	0	0	0	0	0	0	0	0	2	0	0	0	2
X58367	Truck, tank, water, 1,000-gal, 2½-ton, 6x6, WE	0	0	0	0	0	0	0	0	0	2	0	0	0	2
X59326	Truck, tractor, 5-ton, 6x6, WE	0	0	0	0	0	0	0	0	0	3	0	0	0	3
X60696	Truck, tractor, wrecker, 5-ton, 6x6, w/winch, WE	0	0	3	0	0	0	0	0	0	0	0	0	0	3
X60833	Truck, utility, ¼-ton, 4x4, WE	16	35	63	59	30	11	33	39	106	59	6	54	10	504
X62237	Truck, van, expansible, 5-ton, 6x6, WE	0	0	0	0	0	0	0	0	0	1	0	0	0	1
X62340	Truck, van, shop, 2½-ton, 6x6, WE	0	0	0	0	0	0	0	0	0	2	0	0	0	2
X63162	Truck, wrecker, 2½-ton, 6x6, w/winch, WE	0	0	0	0	0	0	0	4	0	8	0	0	0	12
X63299	Truck, wrecker, 5-ton, 6x6, w/winch, WE	0	0	0	0	1	0	0	0	1	1	0	0	0	3
	Class VIIL–Missiles														
G22933	Display set, target alert data (FAAR)	0	0	0	0	0	0	0	6	16	0	6	54	60	136
L45740	Launcher, tubular guided missile (TOW)	0	0	0	0	0	0	0	6	0	0	18	162	0	168
Q16046	Radar set, AN/MPQ-49 (FAAR)	0	0	0	0	0	0	0	0	0	0	0	0	8	8
V84002	Test set, radar, AN/MPM-59, OMTS (FAAR)	0	0	0	0	0	0	0	0	0	2	0	0	1	3
X45317	Truck, guided missile (TOW)	0	0	0	0	0	0	0	6	0	0	0	0	0	6
X45549	Truck, guided missile equipment, jeep (TOW)	0	0	0	0	0	0	0	6	0	0	0	0	0	6
X45554	Truck, guided missile equipment, mule (TOW)	0	0	0	0	0	0	0	0	0	0	18	162	0	162
	Class VIIM–Weapons														
A22496	Aiming circle	0	0	0	0	0	0	0	0	33	0	5	45	0	78
A89820	Armament, pod, aircraft, 7.62-mm, machinegun, w/o weapon	0	0	24	0	0	0	0	18	36	0	0	0	0	78
A89992	Armament subsystem, helicopter, 20-mm, automatic gun	0	0	8	0	0	0	0	12	0	0	0	0	0	20
A90118	Armament subsystem, helicopter, 7.62-mm, machinegun, light, w/o weapons, WE	0	0	138	0	0	4	12	28	6	4	0	0	0	188
A90437	Armament subsystem, helicopter, 7.62-mm, machinegun, 40-mm, launcher, hi rate, w/o weapons	0	0	24	0	0	0	0	27	36	0	0	0	0	87
E76866	Computer, gun direction	0	0	0	0	0	0	0	0	17	0	0	0	0	17
J96845	Gun, air defense artillery, towed, 20-mm	0	0	0	0	0	0	0	0	0	0	0	0	48	48
K57392	Howitzer, light, towed, 105-mm	0	0	0	0	0	0	0	0	54	0	0	0	0	54
K57803	Howitzer, medium, towed, 155-mm	0	0	0	0	0	0	0	0	18	0	0	0	0	18
L44174	Launcher, grenade, acft, 40-mm, left or right hand feed	0	0	48	0	0	0	0	27	36	0	0	0	0	111
L44575	Launcher, grenade, 40-mm	0	0	0	0	0	0	0	0	0	2	0	0	0	2
L44595	Launcher, grenade, 40-mm, single shot rifle, mtd, detachable, WE	0	13	96	10	86	5	15	84	98	59	75	675	64	1,200
L45016	Launcher, rocket, aircraft, 2.75-in	0	0	50	0	0	0	0	30	0	0	0	0	0	80

Table 2–21. Summary of Equipment–Type of Air Assault Division–Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
							Three bde HHC					Nine ambl			Div
1	*LIN*	*Nomenclature*	*HHC (67-4H)*	*MP co (19-87H)*	*Avn gp (7-200H)*	*Sig bn (11-205H)*	*Engr bn (5-215H)*	*(67-42H) (1)*	*(3)*	*Cav sqdn (17-95H)*	*Div arty (6-700H)*	*DISCOM (29-41H)*	*inf bn (1)*	*(9)*	*ADA bn (44-435H)*	*total (67H)*
173	L45063	Launcher, rocket, aircraft, 2.75-in, 19-tube (repairable)	0	0	24	0	0	0	0	48	144	0	0	0	0	216
174	L45250	Launcher, rocket, 66-mm, 4-tube	0	0	0	0	0	0	0	6	0	0	9	81	0	87
175	L91975	Machinegun, cal 50, HB flexible, for ground use	0	0	0	0	0	0	0	13	0	0	0	0	0	13
176	L92260	Machinegun, 7 62-mm, aircraft, light, door mtd	0	0	384	0	0	8	24	56	12	8	0	0	0	484
177	L92323	Machinegun, 7 62-mm, six barrels	0	0	48	0	0	0	0	45	72	0	0	0	0	165
178	L92386	Machinegun, 7 62-mm, light, flexible	2	9	61	3	58	2	6	58	145	69	20	180	20	611
179	M68008	Mortar, 81-mm on mount	0	0	0	0	0	0	0	3	0	0	13	117	0	120
180	M75577	Mount, tripod, machinegun, heavy, cal 50	0	0	0	0	0	0	0	13	0	0	0	0	0	13
181	M75714	Mount, tripod, machinegun, 7.62-mm	2	5	61	3	58	2	6	28	145	69	20	180	20	577
182	N96741	Pistol, cal .45, automatic	40	139	0	11	28	10	30	19	81	89	130	1,170	14	1,621
183	Q13770	Radar chronograph set	0	0	0	0	0	0	0	0	1	0	0	0	0	1
184	R12989	Range finder, fire control, WE (laser)	0	0	0	0	0	0	0	3	32	0	0	0	0	35
185	R91107	Revolver, cal 38, 2-in barrel	0	2	0	0	0	0	0	0	0	0	0	0	0	2
186	R91244	Revolver, cal .38, special, 4-in barrel	0	0	818	0	0	24	72	255	153	97	0	0	0	1,395
187	R94977	Rifle, 5 56-mm, WE	147	154	1,611	453	695	121	363	659	2,242	2,533	661	5,949	471	15,277
188	R96484	Rifle, recoilless, 90-mm	0	7	0	0	0	0	0	0	0	0	0	0	0	7
		Class VIIQ–Marine Equipment														
189	B84404	Boat, reconnaissance, pneu, 3-man	0	0	0	0	2	0	0	0	0	0	0	0	0	2
		Class VIIU–COMSEC Materiel														
190	E45766	Code changer key, KIK-18/TSEC	0	0	82	0	0	4	12	35	16	6	0	0	8	159
191	E45820	Code changer key, KYK-28/TSEC	6	2	98	10	9	17	51	41	48	18	9	81	23	387
192	H02300	Electronic teletypewriter security equipment, TSEC/KW-7	0	0	21	47	2	2	6	2	8	2	1	9	4	101
193	P43177	Power supply assembly, vehicular, Z-ACD	9	8	48	22	10	13	39	15	76	20	2	18	26	291
194	U01295	Speech security equipment, abn, TSEC/KY-28	0	0	238	0	0	24	72	91	58	16	0	0	0	475
195	U01305	Speech security equipment, TSEC/KY-38	9	8	49	22	17	20	60	16	76	21	17	153	26	457
196	V08721	Tactical digital regenerative repeater, portable, HYL-3/TSEC	0	0	0	10	1	1	3	1	5	0	1	9	0	29
		Class VIIW–Ground: Construction and MHE														
197	F39172	Crane, wheel mtd, 3-ton	0	0	12	0	2	0	0	0	2	9	0	0	0	25
198	G34805	Dolly set, lift, transportable shelter, 2½-ton	0	0	0	0	0	0	0	0	0	32	0	0	0	32
199	J74886	Grader, road, motorized, dsl drvn, sectionalized	0	0	0	0	8	0	0	0	0	0	0	0	0	8
200	J75239	Scraper, earth moving, grader mounting, hydraulic op	0	0	0	0	4	0	0	0	0	0	0	0	0	4
201	L76693	Loader, scoop type, sec, 2½ cu yd	0	0	0	0	4	0	0	0	0	0	0	0	0	4
202	S10657	Roller, airmobile, single drum	0	0	0	0	4	0	0	0	0	0	0	0	0	4
203	S10682	Roller, towed, vibrating, ded/gas, 1 drum, 5-ton	0	0	0	0	4	0	0	0	0	0	0	0	0	4
204	S11684	Roller, motorized, pneu tired, 9 tires, air transportable	0	0	0	0	4	0	0	0	0	0	0	0	0	4
205	S12575	Roller, towed, sheepsfoot, 2-dr	0	0	0	0	4	0	0	0	0	0	0	0	0	4
206	S56119	Scraper, earth moving, towed, 8 cu yd	0	0	0	0	4	0	0	0	0	0	0	0	0	4
207	W76268	Tractor, full tracked, low speed, dsl, light, dbp sectionalized, air transportable, w/ATT	0	0	0	0	4	0	0	0	0	0	0	0	0	4
208	W76302	Tractor, whl ind, dsl drvn, 5,089 dbp, w/backhoe, w/loader, scoop type	0	0	0	0	4	0	0	0	0	0	0	0	0	4
209	W76336	Tractor, full-tracked, low speed, dsl, light, dbp w/bulldozer, scarif	0	0	0	0	8	0	0	0	0	0	0	0	0	8

Table 2—21. Summary of Equipment—Type of Air Assault Division—Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
							Three bde HHC					Nine ambl			
1	*LIN*	*Nomenclature*	*HHC (67-4H)*	*MP co (19-87H)*	*Avn gp (7-200H)*	*Sig bn (11-205H)*	*Engr bn (5-215H)*	*(67-42H) (1)*	*(3)*	*Cav sqdn (17-95H)*	*Div arty (6-700H)*	*DISCOM (29-41H)*	*inf bn (1)*	*(9)*	*ADA bn (44-435H)*	*total (67H)*
210	W89557	Tractor, wheeled, warehouse, gas, 4,000-lb	0	0	0	0	0	0	0	0	0	1	0	0	0	1
211	X48914	Truck, lift, fork, dsl drvn, 6,000-lb cap, rough terrain	0	0	0	0	1	0	0	0	1	10	0	0	0	12
212	X49051	Truck, lift, fork, dsl drvn, 10,000-lb cap, rough terrain	0	0	0	0	0	0	0	0	0	4	0	0	0	4
213	X51928	Truck, lift, fork, gas pt, 6,000-lb, rough	0	0	3	0	0	0	0	0	0	0	0	0	0	3
214	X52818	Truck, lift, fork, rough terrain, 3,000-lb	0	0	9	0	0	0	0	7	1	0	0	0	0	17

Table 2–22. Summary of Equipment—Air Assault Division Artillery/Field Artillery Battalion, 105-mm, Towed, Air Assault Division; Aerial Field Artillery Battalion, Air Assault Division

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		Air assault div arty							FA bn, 105-mm				Aerial FA bn			
				Three FA bn 105-mm, towed, (6-705H)						Three FA btry, 105-mm, towed, (6-70H)				Three aerial FA btry (6-727H)		
1 LIN	Nomenclature	HHB (6-701H)	Avn btry (6-702H)	(1)	(3)	FA bn, Aerial FA (6-725H)	FA bn 155-mm towed, (6-715H)	Div arty total (6-700H)	HQ, H&S btry (6-706H)	(1)	(3)	Bn total (6-705H)	HQ, H&S btry (6-726H)	(1)	(3)	Bn total (6-725H)
	Class IIA—Air															
2 A21383	Aerial recovery kit for Army acft	0	5	0	0	0	0	5	0	0	0	0	0	0	0	0
3 M02470	Maintenance, platform, hydraulic adjustable to 10 ft high, 44½-in wide	0	2	0	0	7	0	9	0	0	0	0	1	2	6	7
4 M02504	Maintenance platform, hydraulic adjustable type, 3 to 7 ft high	0	2	0	0	7	0	9	0	0	0	0	1	2	6	7
	Class IIB—Troop Support															
5 L64542	Light set, op area, acft, ½ kw, heliport (Army)	0	0	0	0	1	0	1	0	0	0	0	1	0	0	1
6 W32867	Shop equipment, auto maint and rep, org sup no 1, less power	1	1	1	3	1	0	6	1	0	0	1	1	0	0	1
	Class IIE—General Supply															
7 G68966	Drum, fabric, collapsible, liquid fuel, 500-gal capacity	0	4	0	0	28	0	32	0	0	0	0	1	9	27	28
	Class IIG—Electronics															
8 C68719	Cable, telephone, WO-1/TT, OR-8, 1,320 ft	22	12	94	282	19	52	387	28	22	66	94	7	4	12	19
9 C68856	Cable, telephone, WD-1/TT, RL-159/U, 5,280 ft	12	0	11	33	5	56	106	5	2	6	11	5	0	0	5
10 C68993	Cable, telephone, WD-1/TT, 2 cond, field wire	20	0	32	96	40	32	188	20	4	12	32	10	10	30	40
11 R30662	Receiver-transmitter, control group, AN/GRA-6	2	1	1	3	5	0	11	1	0	0	1	2	1	3	5
12 U82529	Switchboard, telephone, manual, SB-993/GT	0	0	6	18	0	0	18	3	1	3	6	0	0	0	0
	Class VIIA—Air															
13 K29660	Helicopter, attack, AH-1G	0	0	0	0	36	0	36	0	0	0	0	0	12	36	36
14 K31042	Helicopter, observation, OH-58A	0	16	0	0	0	0	16	0	0	0	0	0	0	0	0
15 K31795	Helicopter, utility, UH-1H	0	3	0	0	3	0	6	0	0	0	0	3	0	0	3
16 T17090	Shop set, acft maint ambl, UH-1, co-size, DS	0	0	0	0	2	0	2	0	0	0	0	2	0	0	2
17 T17093	Shop set, acft maint, ambl, UH-1/OH-6, co-size, DS	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0
18 W62611	Tool set, aviation unit maint set no 1, ambl	0	2	0	0	7	0	9	0	0	0	0	1	2	6	7
19 X23227	Transporter, ambl, hydraulic lift, for shelter and X-4 container	0	4	0	0	7	0	11	0	0	0	0	4	1	3	7
	Class VIIB—Troop Support															
20 E69242	Compressor, RCP, power drvn, air rec, gas drvn, 15 CFM, 175 PSI	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
21 E70064	Compressor, RCP, power drvn, trk, 2-whl, pneu tires, gas drvn, 5 CFM, 175 PSI	1	0	1	3	1	5	10	1	0	0	1	1	0	0	1
22 E70201	Compressor, RCP, power drvn, trk, 2-whl, pneu tires, gas drvn, 8 CFM, 175 PSI	0	2	0	0	4	0	6	0	0	0	0	1	1	3	4
23 G02204	Detecting set, mine, ptbl, metallic and nonmetallic	1	1	4	12	4	6	24	1	1	3	4	1	1	3	4
24 G02341	Detecting set, mine, ptbl, metallic (AN/PSS)	1	1	4	12	4	6	24	1	1	3	4	1	1	3	4
25 H94824	Forward area refueling equipment, (FARE)	0	1	0	0	10	0	11	0	0	0	0	1	3	9	10
26 J42976	Generator set, gas eng, 0.5 kw, 60 cy, 1 ph, AC 120/240V, shock, mtd	0	0	1	3	1	2	6	1	0	0	1	1	0	0	1
27 J43027	Generator set, gas eng, 0.5 kw, 400 hz, 1 ph, AC 120/240V, skid-shock, tac util	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
28 J43918	Generator set, gas eng, 1.5 kw, 60 hz, 1 ph, 2 wire AC 120V, shock, tac util	3	4	4	12	17	6	42	1	1	3	4	5	4	12	17

Table 2—22. Summary of Equipment—Air Assault Division Artillery/Field Artillery Battalion, 105-mm, Towed, Air Assault Division; Aerial Field Artillery Battalion, Air Assault Division—Continued

1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
			Air assault div arty							*FA bn, 105-mm*				*Aerial FA bn*			
					Three FA bn 105-mm, towed, (6-705H)						*Three FA btry, 105-mm, towed, (6-70H)*				*Three aerial FA btry (6-727H)*		
1	*LIN*	*Nomenclature*	*HHB (6-701H)*	*Avn btry (6-702H)*	*(1)*	*(3)*	*FA bn, Aerial FA (6-725H)*	*FA bn 155-mm towed, (6-715H)*	*Div arty total (6-700H)*	*HQ, H&S btry (6-706H)*	*(1)*	*(3)*	*Bn total (6-705H)*	*HQ, H&S btry (6-726H)*	*(1)*	*(3)*	*Bn total (6-725H)*
29	J44055	Generator set, gas eng, 1.5 kw, DC 28V, shock, tac, util	3	1	11	33	5	16	58	8	1	3	11	2	1	3	5
30	J45699	Generator set, gas eng, 3 kw, 60 hz, 1-3 ph, 120/240, 120/208V, skid, tac util	3	1	1	3	0	0	7	1	0	0	1	0	0	0	0
31	J45836	Generator set, gas eng, 3 kw, 400 hz, 1-3 ph, AC 120/208/240V, skid, tac util	2	0	8	24	0	8	34	2	2	6	8	0	0	0	0
32	J46110	Generator set, gas eng, 3 kw, DC 29V, skid-shock, tblr frame mtd, tac util	3	2	3	9	3	2	19	3	0	0	3	3	0	0	3
33	J47617	Generator set, gas eng, tlr mtd, 5 kw, 60 hz, 2 ea, mtd on M116 PU-620	1	0	0	0	0	1	2	0	0	0	0	0	0	0	0
34	J49055	Generator set, gas eng, 7.5 kw, DC 28.5V, whl mtd	0	2	0	0	7	0	9	0	0	0	0	1	2	6	7
35	L27293	Kit, firefighting, ambl	0	0	0	0	1	0	1	0	0	0	0	1	0	0	1
36	L27327	Kit, fire suppression, ambl	0	0	0	0	1	0	1	0	0	0	0	1	0	0	1
37	L64131	Light set, marker, emergency, afld runway, ptbl, battery op	1	2	4	12	13	0	28	1	1	3	4	1	4	12	13
38	P96640	Pumping assembly, flammable liquid, bulk transfer	0	1	0	0	3	0	4	0	0	0	0	0	1	3	3
39	U69083	Surveying instrument, azimuth gyro lightweight (SIAGL)	2	0	1	3	0	2	7	1	0	0	1	0	0	0	0
40	U69357	Surveying instrument, distance meas, electronic mwave, minatz purpose	6	0	0	0	0	0	6	0	0	0	0	0	0	0	0
41	V12141	Tank and pump unit, liquid dispensing truck mounting	0	1	0	0	1	2	4	0	0	0	0	1	0	0	1
42	V19950	Tank unit, liquid dispensing, trailer mounting	0	0	0	0	6	2	8	0	0	0	0	0	2	6	6
43	V71450	Test set, computer logic unit	1	0	1	3	0	1	5	1	0	0	1	0	0	0	0
44	W07701	Theodolite, survey, direct, 0.002-mil, 30 porm, 5 power detachable tribrch	6	0	0	0	0	0	6	0	0	0	0	0	0	0	0
45	W07838	Theodolite survey, direct, 0 2 mil, w/tripod and carrying case	0	0	2	6	0	3	9	2	0	0	2	0	0	0	0
46	W32593	Shop equipment, auto maint and rep, OM common no 1, less power	1	1	1	3	1	5	11	1	0	0	1	1	0	0	1
47	W32730	Shop equipment, auto maint and rep, OM common no 2, less power	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
		Class VIIG—Electronics															
48	E58601	Command, console, electronic, AN/ASC-15	1	2	0	0	0	0	3	0	0	0	0	0	0	0	0
49	L60318	Light, beacon, MX-7301/TVN	0	2	0	0	4	0	6	0	0	0	0	1	1	3	4
50	M36739	Meteorological station, manual, AN/TMQ-4	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
51	N04730	Night vision sight, individual SERVEP weapon, AN/PVS-2	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
52	N15518	Night vision sight, tripod mounted, AN/TVS-4	0	0	1	3	0	1	4	1	0	0	1	0	0	0	0
53	Q32756	Radio set, AN/GRC-106	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
54	Q34308	Radio set, AN/GRC-160	1	0	2	6	3	5	15	2	0	0	2	0	1	3	3
55	Q38296	Radio set, AN/PRC-74	1	0	4	12	4	0	17	1	1	3	4	1	1	3	4
56	Q38299	Radio set, AN/PRC-77	5	0	25	75	13	6	99	13	4	12	25	1	4	12	13
57	Q38335	Radio set, AN/PRC-90	0	38	0	0	39	0	77	0	0	0	0	3	12	36	39
58	Q50421	Radio set, AN/VRC-24	0	1	0	0	4	0	5	0	0	0	0	1	1	3	4
59	Q53001	Radio set, AN/VRC-46	5	2	14	42	4	17	70	8	2	6	14	4	0	0	4

Table 2–22. Summary of Equipment–Air Assault Division Artillery/Field Artillery Battalion, 105-mm, Towed, Air Assault Division/Aerial Field Artillery Battalion, Air Assault Division–Continued

1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
			Air assault div arty							*FA bn, 105-mm*				*Aerial FA bn*			
					Three FA bn 105-mm, towed, (6-705H)						*Three FA btry, 105-mm, towed, (6-70H)*				*Three aerial FA btry (6-727H)*		
1	*LIN*	*Nomenclature*	*HHB (6-701H)*	*Avn btry (6-702H)*	*(1)*	*(3)*	*FA bn, Aerial FA (6-725H)*	*FA bn 155-mm towed, (6-715H)*	*Div arty total (6-700H)*	*HQ, H&S btry (6-706H)*	*(1)*	*(3)*	*Bn total (6-705H)*	*HQ, H&S btry (6-726H)*	*(1)*	*(3)*	*Bn total (6-725H)*
60	Q54174	Radio set, AN/VRC-47	3	1	4	12	7	6	29	1	1	3	4	1	2	6	7
61	Q55114	Radio set, AN/VRC-49	1	0	5	15	0	1	17	5	0	0	5	0	0	0	0
62	Q78282	Radio set, control group, AN/GRA-39	9	2	21	63	13	15	102	12	3	9	21	4	3	9	13
63	Q90120	Radio teletypewriter set, AN/GRC-142	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
64	Q91301	Radio teletypewriter set, AN/VSC-2	1	1	1	3	1	0	6	1	0	0	1	1	0	0	1
65	Q95810	Radiosonde baseline check set, AN/GMM-1A	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
66	R16746	Rawin set, AN/GMD-1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
67	R50043	Recording set, weather data, AN/TMQ-5	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
68	U81707	Switchboard, telephone, manual, S8-22/PT	2	1	5	15	6	8	32	2	1	3	5	3	1	3	6
69	V30252	Telephone set, TA-1/PT	5	3	24	72	6	6	92	12	4	12	24	0	2	6	6
70	V31211	Telephone set, TA-312/PT	29	11	79	237	45	103	425	31	16	48	79	21	8	24	45
71	V38758	Teletypewriter, TT-537/G	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
72	V57914	Terminal, telegraph-telephone, AN/TCC-29	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
		Class VIIK–Tactical Vehicles															
73	W94030	Trailer, ammunition, 1½-ton, 2-whl, WE	0	0	0	0	0	22	22	0	0	0	0	0	0	0	0
74	W95400	Trailer, cargo, ¼-ton, 2-whl, WE	12	2	21	63	12	11	100	15	2	6	21	3	3	9	12
75	W95537	Trailer, cargo, ¾-ton, 2-whl, WE	0	9	2	6	19	0	34	2	0	0	2	4	5	15	19
76	W95811	Trailer, cargo, 1½-ton, 2-whl, WE	0	1	1	3	7	15	26	1	0	0	1	1	2	6	7
77	W98825	Trailer, tank, water, 400-gal, ½-ton, 2 whl, WE	1	1	1	3	1	5	11	1	0	0	1	1	0	0	1
78	X38639	Truck, ambulance, ¼-ton, 4x4, WE	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
79	X39735	Truck, cargo, ¾-ton, 4x4, WE	0	7	0	0	18	0	25	0	0	0	0	6	4	12	18
80	X39872	Truck, cargo, ¾-ton, 4x4, w/winch, WE	0	2	0	0	5	0	7	0	0	0	0	2	1	3	5
81	X39940	Truck, cargo, 1¼-ton, 6x6, WE	9	0	11	33	0	16	58	11	0	0	11	0	0	0	0
82	X40009	Truck, cargo, 2½-ton, 6x6, WE	1	2	2	6	8	16	33	2	0	0	2	2	2	6	8
83	X40146	Truck, cargo, 2½-ton, 6x6, w/winch, WE	0	0	0	0	0	4	4	0	0	0	0	0	0	0	0
84	X40831	Truck, cargo, 5-ton, 6x6, LWB, WE	0	0	0	0	0	19	19	0	0	0	0	0	0	0	0
85	X40968	Truck, cargo, 5-ton, 6x6, LW8, w/winch, WE	0	0	0	0	0	21	21	0	0	0	0	0	0	0	0
86	X55627	Truck, platform, utility, ½-ton, 4x4, WE	0	0	3	9	0	0	9	0	1	3	3	0	0	0	0
87	X60833	Truck, utility, ¼-ton, 4x4 WE	12	2	21	63	12	17	106	15	2	6	21	3	3	9	12
88	X63299	Truck, wrecker, 5-ton, 6x6, w/winch, WE	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
		Class VIIL–Missiles															
89	G22933	Display set, target alert data (FAAR)	0	0	4	12	0	4	16	4	0	0	4	0	0	0	0
		Class VIIM–Weapons															
90	A22496	Aiming circle	0	0	8	24	0	9	33	2	2	6	8	0	0	0	0
91	A89820	Armament pod, aircraft, 7 62-mm machinegun, w/o weapon	0	0	0	0	36	0	36	0	0	0	0	0	12	36	36
92	A90118	Armament subsystem, helicopter, 7 62-mm, machine-gun, light, w/o weapons, WE	0	3	0	0	3	0	6	0	0	0	0	3	0	0	3
93	A90437	Armament subsystem, helicopter, 7.62-mm, 40-mm, launcher, hi rate, w/o weapons	0	0	0	0	36	0	36	0	0	0	0	0	12	36	36
94	E76866	Computer, gun direction	1	0	4	12	0	4	17	1	1	3	4	0	0	0	0
95	K57392	Howitzer, light, towed, 105-mm	0	0	18	54	0	0	54	0	6	18	18	0	0	0	0
96	K57803	Howitzer, medium, towed, 155-mm	0	0	0	0	0	18	18	0	0	0	0	0	0	0	0
97	L44174	Launcher, grenade, aircraft, 40-mm, left or right hand feed	0	0	0	0	36	0	36	0	0	0	0	0	12	36	36
98	L44595	Launcher, grenade, 40-mm, single shot, rifle mtd, detachable, WE	3	3	12	36	28	28	98	3	3	9	12	7	7	21	28

Table 2—22. Summary of Equipment—Air Assault Division Artillery/Field Artillery Battalion, 105-mm, Towed, Air Assault Division/Aerial Field Artillery Battalion, Air Assault Division—Continued

1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
			Air assault div arty							FA bn, 105-mm				Aerial FA bn			
					Three FA bn 105-mm, towed, (6-705H)						Three FA btry, 105-mm, towed, (6-70H)				Three aerial FA btry (6-727H)		
1	LIN	Nomenclature	HHB (6-701H)	Avn btry (6-702H)	(1)	(3)	FA bn, Aerial FA (6-725H)	FA bn 155-mm towed, (6-715H)	Div arty total (6-700H)	HQ, H&S btry (6-706H)	(1)	(3)	Bn total (6-705H)	HQ, H&S btry (6-726H)	(1)	(3)	Bn total (6-725H)
99	L45063	Launcher, rocket, aircraft, 2 75-in, 19-tube (repairable)	0	0	0	0	144	0	144	0	0	0	0	0	48	144	144
100	L92260	Machinegun, 7.62-mm, acft, light, door mtd	0	6	0	0	6	0	12	0	0	0	0	6	0	0	6
101	L92323	Machinegun, 7.62-mm, six barrels	0	0	0	0	72	0	72	0	0	0	0	0	24	72	72
102	L92386	Machinegun, 7.62-mm, light, flexible	8	3	24	72	31	31	145	6	6	18	24	4	9	27	31
103	M75714	Mount, tripod, machinegun, 7.62-mm	8	3	24	72	31	31	145	6	6	18	24	4	9	27	31
104	N82364	Periscope, battery, command	0	0	2	6	0	2	8	2	0	0	2	0	0	0	0
105	N96741	Pistol, cal .45, automatic	15	0	16	48	0	18	81	13	1	3	16	0	0	0	0
106	Q13770	Radar chronograph set	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
107	R12989	Range finder, fire control, WE (laser)	0	0	10	30	0	2	32	1	3	9	10	0	0	0	0
108	R91244	Revolver, cal .38, special, 4-in barrel	1	32	0	0	120	0	153	0	0	0	0	27	31	93	120
109	R94977	Rifle, 5.56-mm, WE	140	77	385	1,115	358	512	2,242	121	88	264	385	97	87	261	358
		Class VIIU—COMSEC Materiel															
110	E45766	Code changer key, KIK-18/TSEC	0	6	0	0	10	0	16	0	0	0	0	1	3	9	10
111	E45820	Code changer key, KYK-28/TSEC	2	7	5	15	15	9	48	2	1	3	5	3	4	12	15
112	H02300	Electronic teletypewriter security equipment, TSEC/KW-7	2	1	1	3	1	1	8	1	0	0	1	1	0	0	1
113	P43177	Power supply assembly, vehicular, Z-ACD	7	3	14	42	9	15	76	8	2	6	14	3	2	6	9
114	U01295	Speech security equipment, abn, TSEC/KY-28	0	19	0	0	39	0	58	0	0	0	0	3	12	36	39
115	U01305	Speech security equipment, TSEC/KY-38	7	3	14	42	9	15	76	8	2	6	14	3	2	6	9
116	V08721	Tactical digital regenerative repeater, portable, HYL-3/TSEC	1	0	1	3	0	1	5	1	0	0	1	0	0	0	0
		Class VIIW—Ground: Construction and MHE															
117	F39172	Crane, wheel mtd, 3-ton	0	1	0	0	1	0	2	0	0	0	0	1	0	0	1
118	X48914	Truck, lift, fork, dsl drvn, 6,000-lb cap, rough terrain	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0
119	X52818	Truck, lift, fork, rough terrain, 3,000-lb	0	0	0	0	1	0	1	0	0	0	0	1	0	0	1

Table 2–23. Summary of Equipment–Field Artillery Battalion, 155-mm, Towed/ADA Battalion, Vulcan, Towed, Air Assault Division–Continued

1	2		3	4	5	6	7	8	9	10	11
			FA bn					ADA bn			
1	LIN	Nomenclature	HHB (6-716H)	Three firing btrys (6-717H) (1)	(3)	Svc btry (6-719H)	Bn total (6-715H)	HHB (44-436H)	ADA btry, Vulcan, towed (44-437H) (1)	(4)	Bn total (44-435H)
58	X60833	Truck, utility, ¼-ton, 4x4, WE	12	1	3	2	17	6	1	4	10
59	X63299	Truck, wrecker, 5-ton, 6x6, w/winch, WE	0	0	0	1	1	0	0	0	0
		Class VIIL–Missiles									
60	G22933	Display set, target alert data (FAAR)	4	0	0	0	4	0	15	60	60
61	Q16046	Radar set, AN/MPQ-49 (FAAR)	0	0	0	0	0	8	0	0	8
62	V84002	Test set, radar, AN/MPM-59, OMIS (FAAR)	0	0	0	0	0	1	0	0	1
		Class VIIM–Weapons									
63	A22496	Aiming circle	3	2	6	0	9	0	0	0	0
64	E76866	Computer, gun direction	1	1	3	0	4	0	0	0	0
65	J96845	Gun, ADA, towed, 20-mm	0	0	0	0	0	0	12	48	48
66	K57803	Howitzer, medium, towed, 155-mm	0	6	18	0	18	0	0	0	0
67	L44595	Launcher, grenade, 40-mm, single shot, rifle, mtd, detachable, WE	5	5	15	8	28	4	15	60	64
68	L92386	Machinegun, 7.62-mm, light, flexible	5	8	24	2	31	4	4	16	20
69	M75714	Mount, tripod, machinegun, 7.62-mm	5	8	24	2	31	4	4	16	20
70	N82364	Periscope, battery, command	2	0	0	0	2	0	0	0	0
71	N96741	Pistol, cal .45, automatic	14	1	3	1	18	6	2	8	14
72	R12989	Range finder, fire control, WE (laser)	2	0	0	0	2	0	0	0	0
73	R94977	Rifle, 5.56-mm, WE	112	110	330	70	512	107	91	364	471
		Class VIIU–COMSEC Materiel									
74	E45766	Code changer key, KIK-18/TSEC	0	0	0	0	0	8	0	0	8
75	E45820	Code changer key, KYK-28/TSEC	2	2	6	1	9	3	5	20	23
76	H02300	Electronic teletypewriter, security equipment, TSEC/KW-7	1	0	0	0	1	4	0	0	4
77	P43177	Power supply assembly, vehicular, Z-ACD	7	2	6	2	15	6	5	20	26
78	U01305	Speech security equipment, TSEC/KY-38	7	2	6	2	15	6	5	20	26
79	V08721	Tactical digital regenerative repeater, portable, HYL-3/TSEC	1	0	0	0	1	0	0	0	0

Table 2–24. Summary of Equipment–Aviation Group/Assault Helicopter Battalion/Assault Support Helicopter Battalion, Air Assault Division

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		Avn gp						*Aslt hel bn*					*Aslt spt hel bn*			
				Two aslt hel bn (7-255H)						*Three aslt hel co (7-258H)*				*Three aslt spt hel co (1-167H)*		
1 *LIN*	*Nomenclature*	*HHC (7-201H)*	*Avn GS co (7-202H)*	*(1)*	*(2)*	*Aslt spt hel bn (1-165H)*	*Gp total (7-200H)*	*HHC (7-256H)*	*Atk hel co (7-257H)*	*(1)*	*(3)*	*Bn total (7-255H)*	*HHC (1-166H)*	*(1)*	*(3)*	*Bn total (1-165H)*
	Class IIA–Air															
2 M02470	Maintenance platform, hydraulic adjustable to 10-ft high, 44½-in wide	0	3	11	22	0	25	0	2	3	9	11	0	0	0	0
3 M02504	Maintenance platform, hydraulic adjustable type, 3 to 7 ft high	0	3	11	22	6	31	0	2	3	9	11	0	2	6	6
	Class IIB–Troop Support															
4 L64542	Light set, operational, area acft, ½ kw, heliport (Army)	5	1	13	26	7	39	0	1	4	12	13	1	2	6	7
5 W32867	Shop equipment, auto maint and rep, org sup no 1, less power	1	1	5	10	4	16	1	1	1	3	5	1	1	3	4
	Class IIE–General Supply															
6 G68966	Drum, fabric, collapsible, liquid fuel, 500-gal capacity	0	9	36	72	28	109	3	6	9	27	36	1	9	27	28
	Class IIG–Electronics															
7 C68719	Cable, telephone, WO-1/TT, OR-8 1,320-ft	71	13	60	120	48	252	12	12	12	36	60	12	12	36	48
8 C68856	Cable, telephone, WD-1/TT, RL-159/U, 5,280-ft	15	2	20	40	16	73	4	4	4	12	20	4	4	12	16
9 C68993	Cable, telephone, WD-1/TT, 2 cond, field wire	10	0	0	0	0	10	0	0	0	0	0	0	0	0	0
10 R30662	Receiver-transmitter, control group, AN/GRA-6	4	1	2	4	2	11	2	0	0	0	2	2	0	0	2
	Class VIIA–Air															
11 K29660	Helicopter, attack, AH-1G	0	0	12	24	0	24	0	12	0	0	12	0	0	0	0
12 K30449	Helicopter, cargo, transport, CH-47C	0	0	0	0	48	48	0	0	0	0	0	0	16	48	48
13 K31042	Helicopter, observation, OH-58A	0	10	3	6	0	16	3	0	0	0	3	0	0	0	0
14 K31795	Helicopter, utility, UH-1H	0	10	60	120	2	132	0	0	20	60	60	2	0	0	2
15 K31804	Helicopter, utility, UH-1M	0	6	0	0	0	6	0	0	0	0	0	0	0	0	0
16 T17090	Shop set, acft maint, ambl, UH-1, co size, DS	0	0	3	6	0	6	0	0	1	3	3	0	0	0	0
17 T17093	Shop set, acft maint, ambl, UH-1/OH-6, co size, DS	0	1	1	2	0	3	0	1	0	0	1	0	0	0	0
18 W62611	Tool set, aviation unit maint set no 1, ambl	0	3	11	22	6	31	0	2	3	9	11	0	2	6	6
19 X23227	Transporter, ambl, hydraulic lift, for shelter and X-4 container	0	4	15	30	9	43	0	3	4	12	15	0	3	9	9
	Class VIIB–Troop Support															
20 E70064	Compressor, rcp, power drvn, trk, 2-whl, pneu tires, gas drvn, 5 CFM, 175 PSI	1	1	5	10	4	16	1	1	1	3	5	1	1	3	4
21 E70201	Compressor, rcp, power drvn, trk, 2-whl, pneu tires, gas drvn, 8 CFM, 175 PSI	0	1	4	8	0	9	0	1	1	3	4	0	0	0	0
22 E70817	Compressor, rcp, power drvn, air, whl, gas drvn, 4 CFM, 3,000 PSI	0	0	0	0	3	3	0	0	0	0	0	0	1	3	3
23 H94824	Forward area refueling equipment (FARE)	0	3	12	24	9	36	0	3	3	9	12	0	3	9	9
24 H94893	Forward area refueling equipment system	0	0	1	2	0	2	1	0	0	0	1	0	0	0	0
25 J36383	Generator set, dsl eng, tlr mtd, 30 kw, 60 hz, mtd on M200 PU-406	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0
26 J41041	Generator set, gas eng, tlr mtd, PU-253/U	5	0	0	0	0	5	0	0	0	0	0	0	0	0	0

Table 2–24. Summary of Equipment–Aviation Group/Assault Helicopter Battalion/Assault Support Helicopter Battalion–Air Assault Division–Continued

1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
			Avn gp						*Aslt hel bn*					*Aslt spt hel bn*			
1	*LIN*	*Nomenclature*	*HHC (7-201H)*	*Avn GS co (7-202H)*	*Two aslt hel bn (7-255H) (1)*	*(2)*	*Aslt spt hel bn (1-165H)*	*Gp total (7-200H)*	*HHC (7-256H)*	*Atk hel co (7-257H)*	*Three aslt hel co (7-258H) (1)*	*(3)*	*Bn total (7-255H)*	*HHC (1-166H)*	*Three aslt spt hel co (1-167H) (1)*	*(3)*	*Bn total (1-165H)*
27	J42100	Generator set, gas eng, tlr mtd, 10 kw, 60 cy, 1 ph, AC 120/240V, PU-619/M	5	0	0	0	0	5	0	0	0	0	0	0	0	0	0
28	J42685	Generator set, gas eng, 0.3 kw, AC 115V, 1 ph, 400 hz, DC 24 to 35V	0	0	1	2	0	2	0	1	0	0	1	0	0	0	0
29	J42976	Generator set, gas eng, 0.5 kw, 60 cy, 1 ph, AC 120/240V, shock mtd	5	1	13	26	7	39	0	1	4	12	13	1	2	6	7
30	J43918	Generator set, gas eng, 1.5 kw, 60 hz, 1 ph, 2 wire, AC 120V, shock, tac util	22	13	30	60	30	125	3	6	7	21	30	6	8	24	30
31	J45699	Generator set, gas eng, 3 kw, 60 hz, 1-3 ph, 120/240 120/208V, skid, tac util	4	1	1	2	0	7	1	0	0	0	1	0	0	0	0
32	J45836	Generator set, gas eng, 3 kw, 400 hz, 1-3 ph, AC 120/208/240V, tac util	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0
33	J46110	Generator set, gas eng, 3 kw, DC 28V, skid-shock, tblr frame mtd, tac util	1	2	11	22	7	32	3	2	2	6	11	1	2	6	7
34	J47068	Generator set, gas eng, 5 kw, 60 hz, 1-3 ph, AC 120/240 120/208V, skid, tac util	1	8	22	44	7	60	0	4	6	18	22	1	2	6	7
35	J47617	Generator set, gas eng, tlr mtd, 5 kw, 60 hz, 2 ea, mtd on M116 PU-620.	1	0	5	10	2	13	1	1	1	3	5	2	0	0	2
36	J49055	Generator set, gas eng, 7.5 kw, DC 28.5V, whl mtd	0	3	12	24	7	34	1	2	3	9	12	1	2	6	7
37	L64131	Light set, marker, emergency, afld runway, ptbl, battery op	3	4	7	14	3	24	1	3	1	3	7	0	1	3	3
38	V12141	Tank and pump unit, liquid dispensing, truck mounting	0	0	2	4	9	13	2	0	0	0	2	0	3	9	9
39	V19950	Tank unit, liquid dispensing, trailer mounting	1	0	2	4	9	14	2	0	0	0	2	0	3	9	9
40	W32593	Shop equipment, auto maint and rep, OM common no 1, less power	1	1	5	10	4	16	1	1	1	3	5	1	1	3	4
		Class VIIG–Electronics															
41	A28833	Aircraft control, central, AN/TSQ-70, less power	5	0	0	0	0	5	0	0	0	0	0	0	0	0	0
42	E58601	Command console, electronic, AN/ASC-15	0	4	0	0	0	4	0	0	0	0	0	0	0	0	0
43	H76352	Flight coordination, central, AN/TSC-61, less power	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0
44	L36402	Landing control, central, AN/TSQ-71, less power	5	0	0	0	0	5	0	0	0	0	0	0	0	0	0
45	L60318	Light, beacon, MX-7301/TVN	13	1	4	8	7	29	0	1	1	3	4	1	2	6	7
46	N04730	Night vision sight, individual, servep weapon, AN/PVS-2	6	0	0	0	0	6	0	0	0	0	0	0	0	0	0
47	Q32756	Radio set, AN/GRC-106	0	0	1	2	0	2	0	1	0	0	1	0	0	0	0
48	Q34308	Radio set, AN/GRC-160	1	0	7	14	0	15	1	0	2	6	7	0	0	0	0
49	Q37982	Radio set, AN/PRC-41	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0
50	Q38299	Radio set, AN/PRC-77	12	10	9	18	12	52	0	3	2	6	9	0	4	12	12
51	Q38335	Radio set, AN/PRC-90	0	52	150	300	100	452	6	24	40	120	150	4	32	96	100
52	Q50421	Radio set, AN/VRC-24	0	2	5	10	0	12	1	1	1	3	5	0	0	0	0
53	Q53001	Radio set, AN/VRC-46	2	3	20	40	2	47	4	7	3	9	20	2	0	0	2
54	Q54174	Radio set, AN/VRC-47	7	1	7	14	8	30	3	1	1	3	7	2	2	6	8

Table 2–24. Summary of Equipment–Aviation Group/Assault Helicopter Battalion/Assault Support Helicopter Battalion, Air Assault Division–Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		Avn gp						*Aslt hel bn*					*Aslt spt hel bn*			
				Two aslt hel bn (7-255H)						*Three aslt hel co (7-258H)*				*Three aslt spt hel co (1-167H)*		
1	*LIN*	*Nomenclature*	*HHC (7-201H)*	*Avn GS co (7-202H)*	*(1)*	*(2)*	*Aslt spt hel bn (1-165H)*	*Gp total (7-200H)*	*HHC (7-256H)*	*Atk hel co (7-257H)*	*(1)*	*(3)*	*Bn total (7-255H)*	*HHC (1-166H)*	*(1)*	*(3)*	*Bn total (1-165H)*
55	Q56783	Radio set, AN/VRC-64	0	5	4	8	7	20	1	0	1	3	4	1	2	6	7
56	Q78282	Radio set, control group, AN/GRA-39	6	5	17	34	10	55	4	4	3	9	17	4	2	6	10
57	Q91301	Radio teletypewriter set, AN/VSC-2	4	1	2	4	2	11	2	0	0	0	2	2	0	0	2
58	U81707	Switchboard, telephone, manual, SB-22/PT	2	1	6	12	8	23	2	1	1	3	6	2	2	6	8
59	U82255	Switchboard, telephone, manual, SB-86/P	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0
60	V30252	Telephone set, TA-1/PT	3	0	0	0	0	3	0	0	0	0	0	0	0	0	0
61	V31211	Telephone set, TA-312/PT	55	12	64	128	60	255	17	14	11	33	64	24	12	36	60
62	V57914	Terminal, telegraph-telephone, AN/TCC-29	1	0	1	2	0	3	1	0	0	0	1	0	0	0	0
		Class VIIK–Tactical Vehicles															
63	W95400	Trailer, cargo, ¼-ton, 2 whl, WE	16	3	16	32	9	60	8	2	2	6	16	3	2	6	9
64	W95537	Trailer, cargo, ¾-ton, 2-whl, WE	4	6	37	74	19	103	5	8	8	24	37	1	6	18	19
65	W95811	Trailer, cargo, 1½-ton, 2 whl, WE	8	6	18	36	14	64	5	4	3	9	18	2	4	12	14
66	W98825	Trailer, tank, water, 400-gal, 1½-ton, 2 whl, WE	1	1	5	10	4	16	1	1	1	3	5	1	1	3	4
67	X38639	Truck, ambulance, ¼-ton, 4x4, WE	0	0	1	2	1	3	1	0	0	0	1	1	0	0	1
68	X39735	Truck, cargo, ¾-ton, 4x4, WE	5	6	42	84	23	118	6	9	9	27	42	2	7	21	23
69	X40009	Truck, cargo, 2½-ton, 6x6, WE	8	6	20	40	8	62	3	5	4	12	20	2	2	6	8
70	X40146	Truck, cargo, 2½-ton, 6x6, w/winch, WE	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0
71	X40831	Truck, cargo, 5-ton, 6x6, LWB, WE	0	0	2	4	9	13	2	0	0	0	2	0	3	9	9
72	X55627	Truck, platform, utility, ½-ton, 4x4, WE	0	0	6	12	0	12	0	3	1	3	6	0	0	0	0
73	X60696	Truck, tractor, wrecker, 5-ton, 6x6, w/winch, WE	0	0	0	0	3	3	0	0	0	0	0	0	1	3	3
74	X60833	Truck, utility, ¼-ton, 4x4, WE	16	3	16	32	12	63	8	2	2	6	16	6	2	6	12
		Class VIIM–Weapons															
75	A89820	Armament pod, aircraft, 7.62-mm, machinegun, w/o weapon	0	0	12	24	0	24	0	12	0	0	12	0	0	0	0
76	A89992	Armament subsystem, helicopter, 20-mm, automatic gun	0	0	4	8	0	8	0	4	0	0	4	0	0	0	0
77	A90118	Armament subsystem, helicopter, 7.62-mm, machine-gun, light, w/o weapons, WE	0	16	60	120	2	138	0	0	20	60	60	2	0	0	2
78	A90437	Armament subsystem, helicopter, 7.62-mm, machine-gun, 40-mm launcher, hi rate, w/o weapons	0	0	12	24	0	24	0	12	0	0	12	0	0	0	0
79	L44174	Launcher, grenade, aircraft, 40-mm, left or right hand feed	0	0	24	48	0	48	0	24	0	0	24	0	0	0	0
80	L44595	Launcher, grenade, 40-mm, single shot, rifle mtd, detachable, WE	6	6	30	60	24	96	6	6	6	18	30	6	6	18	24
81	L45016	Launcher, rocket, aircraft, 2.75-in	0	0	25	50	0	50	0	25	0	0	25	0	0	0	0
82	L45063	Launcher, rocket, aircraft, 2.75-in, 19 tube (repairable)	0	0	12	24	0	24	0	12	0	0	12	0	0	0	0
83	L92260	Machinegun, 7.62-mm, aircraft, light, door mtd	0	32	120	240	112	384	0	0	40	120	120	4	36	108	112
84	L92323	Machinegun, 7.62-mm, six barrels	0	0	24	48	0	48	0	24	0	0	24	0	0	0	0
85	L92386	Machinegun, 7.62-mm, light, flexible	5	4	18	36	16	61	2	4	4	12	18	4	4	12	16
86	M75714	Mount, tripod, machinegun, 7.62-mm	5	4	18	36	16	61	2	4	4	12	18	4	4	12	16

*Table 2–24. Summary of Equipment–Aviation Group/Assault Helicopter Battalion/Assault Support Helicopter Battalion–Air Assault Division–*Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		Avn gp						*Aslt hel bn*					*Aslt spt hel bn*			
				Two aslt hel bn (7-255H)						*Three aslt hel co (7-258H)*				*Three aslt spt hel co (1-167H)*		
1	*LIN*	*Nomenclature*	*HHC (7-201H)*	*Avn GS co (7-202H)*	*(1)*	*(2)*	*Aslt spt hel bn (1-165H)*	*Gp total (7-200H)*	*HHC (7-256H)*	*Atk hel co (7-257H)*	*(1)*	*(3)*	*Bn total (7-255H)*	*HHC (1-166H)*	*(1)*	*(3)*	*Bn total (1-165H)*
87	R91244	Revolver, cal .38, special, 4-in barrel	30	70	264	528	190	818	17	34	71	213	264	16	58	174	190
88	R94977	Rifle, 5.56-mm, WE	235	105	411	822	449	1,611	73	107	77	231	411	53	132	396	449
		Class VIIU–COMSEC Materiel															
89	E45766	Code changer key, KIK-18/TSEC	0	9	27	54	19	82	1	5	7	21	27	1	6	18	19
90	E45820	Code changer key, KYK-28/TSEC	2	14	31	62	20	98	2	5	8	24	31	2	6	18	20
91	H02300	Electronic, teletypewriter, security equipment, TSEC/KW-7	7	2	5	10	2	21	5	0	0	0	5	2	0	0	2
92	P43177	Power supply assembly, vehicular, Z-ACD	4	2	16	32	10	48	4	3	3	9	16	4	2	6	10
93	U01295	Speech security equipment, abn, TSEC/KY-28	0	38	75	150	50	238	3	12	20	60	75	2	16	48	50
94	U01305	Speech security equipment, TSEC/KY-38	4	3	16	32	10	49	4	3	3	9	16	4	2	6	10
		Class VIIW–Ground: Construction and MHE															
95	F39172	Crane, wheel mtd, 3-ton	0	1	4	8	3	12	0	1	1	3	4	0	1	3	3
96	X51928	Truck, lift, fork, gas pt, 6,000-lb, rough terrain	0	0	0	0	3	3	0	0	0	0	0	0	1	3	3
97	X52818	Truck, lift, fork, rough terrain, 3,000-lb	0	1	4	8	0	9	0	1	1	3	4	0	0	0	0

Table 2–25. Summary of Equipment–Engineer Battalion/Signal Battalion, Air Assault Division

1	2	3	4	5	6	7	8	9	10
		Engineer bn				*Signal bn*			
1	*LIN*	*Nomenclature*	*HHC (5-216H)*	*Four engr co (5-217H)*		*Bn total (5-215H)*	*HHC (11-206H)*	*Comd comm co (11-207H)*	*Fwd comm co (11-208H)*	*Bn total (11-205H)*
		Class IIB–Troop Support								
2	K39774	Hoisting unit, truck mounting, organizational maint set no 7	0	0	0	0	1	0	0	1
		Class IIE–General Supply								
3	G68966	Drum, fabric, collapsible, liquid fuel, 500-gal, capacity	3	0	0	3	0	0	0	0
		Class IIG–Electronics								
4	C68719	Cable, telephone, WO-1/TT, OR-8, 1,320 ft	13	20	80	93	10	16	6	32
5	C68856	Cable, telephone, WD-1/TT, RL-159/U, 5,280 ft	0	0	0	0	2	40	30	72
6	R30662	Receiver-transmitter, control group, AN/GRA-6	0	0	0	0	0	2	0	2
7	U82529	Switchboard, telephone, manual, SB-993/GT	0	3	12	12	0	0	0	0
		Class VIIB–Troop Support								
8	E69242	Compressor, RCP, power drvn, air rec, gas drvn, 15 CFM, 175 PSI	1	0	0	1	1	0	0	1
9	G02204	Detecting set, mine, ptbl metallic and nonmetallic	5	13	52	57	0	4	0	4
10	G02341	Detecting set, mine, ptbl metallic (AN/PSS-11)	6	10	40	46	0	4	0	4
11	J42100	Generator set, gas eng, tlr mtd, 10 kw, 60 cy, 1 ph, AC 120/240V, PU-619/M	0	0	0	0	1	0	0	1
12	J43918	Generator set, gas eng, 1.5 kw, 60 hz, 1 ph, 2 wire, AC 120V, shock, tac util	2	1	4	6	7	29	37	73
13	J44055	Generator set, gas eng, 1.5 kw, DC 28V, shock, tac util	1	1	4	5	0	0	0	0
14	J45699	Generator set, gas eng, 3 kw, 60 hz, 1-3 ph, 120/240, 120/208V, skid, tac util	10	1	4	14	0	8	6	14
15	J46110	Generator set, gas eng, 3 kw, DC 28V, skid-shock, tblr frame mtd, tac util	2	0	0	2	4	30	28	62
16	J46384	Generator set, gas eng, tlr mtd, 3 kw, 60 hz, 2 ea, mtd on M101 Pu-617	0	0	0	0	4	0	0	4
17	J47068	Generator set, gas eng, 5 kw, 60 hz, 1-3 ph, AC 120/240, 120/208V, skid, tac util	4	0	0	4	0	0	0	0
18	L64131	Light set, marker, emergency, afld runway, ptbl, battery op	1	1	4	5	0	0	0	0
19	P96640	Pumping assembly, flammable liquid, bulk transfer	1	0	0	1	0	0	0	0
20	T10138	Shop equip, contact maint, trk mtd	4	0	0	4	0	0	0	0
21	W32730	Shop equipment, auto maint and rep, OM common no 2, less power	1	0	0	1	1	0	0	1
22	Y35143	Water purif equip set, diatomite filter, 420 GPH	8	0	0	8	0	0	0	0

Table 2–26. Summary of Equipment–Division Support Command/Medical Battalion, Division Support Command, Air Assault Division

1	2		3	4	5	6	7	8	9	10	11	12	13	14	15
			Division Support Command									Medical bn			
1	LIN	Nomenclature	HHC (29-42H)	AG co (12-27H)	Fin co (14-27H)	Div mat mgt cen (29-43H)	Med bn (8-25H)	Maint bn (29-85H)	Acft maint bn (55-405H)	S&S bn (29-95H)	DISCOM total (29-41H)	HQ & Spt co (8-26H)	Three med co (8-27H) (1)	Three med co (8-27H) (3)	8n total (8-25H)
		Class IIA–Air													
2	A21383	Aerial recovery kit for Army acft	0	0	0	0	0	0	4	0	4	0	0	0	0
3	M02470	Maintenance platform, hydraulic adjustable to 10-ft high, 44½-in wide	0	0	0	0	2	0	0	0	2	2	0	0	2
4	M02504	Maintenance platform, hydraulic adjustable, type 3 to 7 ft high	0	0	0	0	2	0	0	0	2	2	0	0	2
		Class IIB–Troop Support													
5	H52010	Filter-separator, liquid fuel, 100 GPM, 75 PSI, 2-in outlet	3	0	0	0	0	0	0	4	7	0	0	0	0
6	L64542	Light set, op area, acft, ½-kw, heliport (Army)	0	0	0	0	1	0	2	0	3	1	0	0	1
7	P90610	Pumping assembly, flammable liquid, bulk transfer, gas drvn, 100 GPM	3	0	0	0	0	0	0	16	19	0	0	0	0
8	V63606	Test set, antiaircraft artillery, AN/MWM-2 (VADS)	0	0	0	0	0	4	0	0	4	0	0	0	0
9	V84014	Test set, radar, AN/TPM-23 (VADS)	0	0	0	0	0	4	0	0	4	0	0	0	0
10	W32867	Shop equipment, auto maint and rep, org suppl no 1, less power	1	1	0	1	1	4	2	4	14	1	0	0	1
11	W67843	Torch outfit, cutting and welding, set 2	0	0	0	0	0	0	0	1	1	0	0	0	0
12	Z13157	Card punch machine, ADPE	0	3	1	4	0	0	0	0	8	0	0	0	0
13	Z74660	Sorter, ADPE	0	1	0	1	0	0	0	0	2	0	0	0	0
14	F77651	CS3, Data analysis central, OL-88(V), 1/MYK-3(V)	1	0	0	0	0	0	0	0	1	0	0	0	0
15	F77918	CS3, Data storage group, OL-89(V), 1/MYK-8(V)	1	0	0	0	0	0	0	0	1	0	0	0	0
16	F77964	CS3, Data support facility, mobile, V-460/MYK-8(V)	1	0	0	0	0	0	0	0	1	0	0	0	0
17	M57481	CS3, Maintenance shop facility, mobile, V-452/MYK-8(V)	1	0	0	0	0	0	0	0	1	0	0	0	0
18	U43735	CS3, Storage facility, mobile, V-483/MYK-8(V)	1	0	0	0	0	0	0	0	1	0	0	0	0
19	J35801	CS3, Generator, diesel engine, 100 kw, 60 hz, mounted on M353, PU-495	2	0	0	0	0	0	0	0	2	0	0	0	0
20	X59326	CS3, Truck, tractor, 5-ton, 6x6, WE, M818	2	0	0	0	0	0	0	0	2	0	0	0	0
		Class IIE–General Supply													
21	G68966	Drum, fabric, collapsible, liquid fuel, 500-gal capacity	0	0	0	0	0	0	0	18	18	0	0	0	0
		Class IIG–Electronics													
22	C68719	Cable, telephone, WO-1/TT, OR-8, 1,320-ft	6	0	2	2	13	2	18	11	54	7	2	6	13
23	C68856	Cable, telephone, WD-1/TT, RL-159/U, 5,280 ft	0	4	0	0	0	14	4	4	26	0	0	0	0
24	C68993	Cable, telephone, WD-1/TT, 2 cond, field wire	0	0	0	0	0	0	0	2	2	0	0	0	0
25	R30662	Receiver-transmitter, control group, AN/GRA-6	0	0	0	0	0	0	1	0	1	0	0	0	0
26	U82529	Switchboard, telephone, manual, SB-993/GT	1	1	1	0	0	0	0	4	7	0	0	0	0
		Class VIIA–Air													
27	K31795	Helicopter, utility, UH-1H	0	0	0	0	12	0	4	0	16	12	0	0	12
28	W62611	Tool set, aviation unit maint set no 1, ambl	0	0	0	0	2	0	0	0	2	2	0	0	2
29	W93995	Trailer, acft maint ambl, 4-whl, 30/48-in trf rail system	0	0	0	0	0	0	8	0	8	0	0	0	0

Table 2–26. Summary of Equipment–Division Support Command/Medical Battalion, Division Support Command, Air Assault Division—Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		Division Support Command									*Medical bn*			
1	*LIN* *Nomenclature*	*HHC (29-42H)*	*AG co (12-27H)*	*Fin co (14-27H)*	*Div mat mgt cen (29-43H)*	*Med bn (8-25H)*	*Maint bn (29-85H)*	*Acft maint bn (55-405H)*	*S&S bn (29-95H)*	*DISCOM total (29-41H)*	*HQ & Spt co (8-26H)*	*Three med co (8-27H) (1)*	*(3)*	*Bn total (8-25H)*
30	X23227 Transporter, ambl, hydraulic, lift, for shelter and X-4 container	0	0	0	0	1	12	40	0	53	1	0	0	1
	Class VIIB—Troop Support													
31	E70064 Compressor, RCP, power drvn, trk, 2-whl, pneu tires, gas drvn, 5 CFM, 175 PSI	1	1	0	1	1	8	2	4	18	1	0	0	1
32	E70201 Compressor, RCP, power drvn, trk, 2-whl, pneu tires, gas drvn, 8 CFM, 175 PSI	0	0	0	0	1	0	0	0	1	1	0	0	1
33	G02204 Detecting set, mine, ptbl, metallic and nonmetallic	0	0	0	0	4	4	0	1	9	1	1	3	4
34	G02341 Detecting set, mine, ptbl, metallic (AN/PSS-11)	0	0	0	0	4	4	0	1	9	1	1	3	4
35	H94824 Forward area refueling equipment (FARE)	1	0	0	0	0	0	0	9	10	0	0	0	0
36	J04716 Fuel system supply point, ptbl, 60,000-gal cap	0	0	0	0	0	0	0	5	5	0	0	0	0
37	J35835 Generator set, dsl eng, 15 kw, 60 hz, 3 ph, AC 120/208, 240/416V, skid, tac util	0	1	0	1	0	0	2	2	6	0	0	0	0
38	J36109 Generator set, dsl eng, 30 kw, 60 hz, 3 ph, AC 120/208, 240/416V, 50 hz, tac util	0	1	0	2	0	0	8	0	11	0	0	0	0
39	J36725 Generator set, dsl eng, 30 kw, AC 120/208, 240/416V, 3 ph, 400 hz, tac precise	0	0	0	0	0	2	0	0	2	0	0	0	0
40	J42100 Generator set, gas eng, tlr mtd, 10 kw, 60 cy, 1 ph, AC 120/240V, PU-619/M	0	0	0	0	0	7	0	0	7	0	0	0	0
41	J42976 Generator set, gas eng, 0.5, 60 cy, 1 ph, AC 120/240V, shock, mtd	0	1	0	0	1	0	2	0	4	1	0	0	1
42	J43918 Generator set, gas eng, 1.5 kw, 60 hz, 1 ph, 2 wire AC 120V, shock, tac util	4	1	0	1	4	16	6	7	39	4	0	0	4
43	J44055 Generator set, gas eng, 1.5 kw, DC 28V, shock, tac util	0	0	0	0	8	1	2	0	11	2	2	6	8
44	J45699 Generator set, gas eng, 3 kw, 60 hz, 1-3 ph, 120/240, 120/208V, skid, tac util	5	1	0	0	1	5	0	7	19	1	0	0	1
45	J46110 Generator set, gas eng, 3 kw, DC 28V, skid-shock, tblr frame mtd, tac util	1	1	0	1	3	8	6	4	24	3	0	0	3
46	J47068 Generator set, gas eng, 5 kw, 60 hz, 1-3 ph AC 120/240, 120/208V, skid, tac util	0	0	4	0	0	9	6	4	23	0	0	0	0
47	J47617 Generator set, gas eng, tlr mtd, 5 kw, 60 hz, 2 ea, mtd on M116 PU-620	0	0	0	0	0	0	1	0	1	0	0	0	0
48	J49055 Generator set, gas eng, 7.5 kw, DC 28.5V, whl mtd	0	0	0	0	2	0	2	0	4	2	0	0	2
49	J49398 Generator set, gas eng, 10 kw, 60 hz, 1-3 ph, AC 120/240, 120/208V, tac util	1	0	0	0	12	4	2	1	20	3	3	9	12
50	L64131 Light set, marker, emergency, afld runway, ptbl, battery op	0	0	0	0	2	0	0	3	5	2	0	0	2
51	T10138 Shop equip, contact maint, trk mtd	0	0	0	0	0	8	0	0	8	0	0	0	0
52	V12141 Tank and pump unit, liquid dispensing, truck mounting	0	0	0	0	1	0	0	2	3	1	0	0	1
53	V19950 Tank unit, liquid dispensing, trailer mounting	3	0	0	0	0	0	0	2	5	0	0	0	0
54	W32593 Shop equipment, auto maint and rep, OM common no 1, less power	1	1	0	1	1	4	2	4	14	1	0	0	1

Table 2–26. Summary of Equipment–Division Support Command/Medical Battalion, Division Support Command, Air Assault Division–Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		Division Support Command									*Medical bn*			
1	*LIN*	*Nomenclature*	*HHC (29-42H)*	*AG co (12-27H)*	*Fin co (14-27H)*	*Div mat mgt cen (29-43H)*	*Med bn (8-25H)*	*Maint bn (29-85H)*	*Acft maint bn (55-405H)*	*S&S bn (29-95H)*	*DISCOM total (29-41H)*	*HQ & Spt co (8-26H)*	*Three med co (8-27H) (1)*	*(3)*	*Bn total (8-25H)*
		Class VIIG–Electronics													
55	Q37982	Radio set, AN/PRC-41	0	0	0	0	1	0	0	0	1	1	0	0	1
56	Q38299	Radio set, AN/PRC-77	12	0	0	0	4	0	0	0	16	4	0	0	4
57	Q38335	Radio set, AN/PRC-90	0	0	0	0	24	0	8	0	32	24	0	0	24
58	Q53001	Radio set, AN/VRC-46	2	0	0	4	2	18	7	9	42	2	0	0	2
59	Q54174	Radio set, AN/VRC-47	4	0	0	0	6	3	3	2	18	3	1	3	6
60	Q56783	Radio set, AN/VRC-64	0	0	0	0	4	0	0	0	4	1	1	3	4
61	Q78282	Radio set, control group, AN/GRA-39	4	0	0	2	11	4	3	3	27	5	2	6	11
62	Q90120	Radio teletypewriter set, AN/GRC-142	0	0	0	0	0	0	1	0	1	0	0	0	0
63	U81707	Switchboard, telephone, manual, S8-22/PT	0	0	0	2	6	6	3	4	21	3	1	3	6
64	V30252	Telephone set, TA-1/PT	0	5	5	0	0	0	0	0	10	0	0	0	0
65	V31211	Telephone set, TA-312/PT	7	15	5	18	30	53	38	49	215	18	4	12	30
		Class VIIK–Tactical Vehicles													
66	E02807	Chassis, trailer, generator, 2½-ton, 2-whl, WE	0	1	0	2	0	2	8	0	13	0	0	0	0
67	S70243	Semitrailer, low bed, wrecker, 12-ton, 4-whl, 40 ft, WE	0	0	0	0	0	0	0	1	1	0	0	0	0
68	S74490	Semitrailer, van, expansible, 6-ton, 4-whl (Army)	0	1	0	1	0	0	0	0	2	0	0	0	0
69	W93961	Trailer, aircraft, cargo, loading-unloading, 3½-ton, 4-whl, WE	0	0	0	0	0	0	0	25	25	0	0	0	0
70	W95400	Trailer, cargo, ¼-ton, 2-whl, WE	7	3	2	5	14	6	7	11	55	8	2	6	14
71	W95537	Trailer, cargo, ¾-ton, 2-whl, WE	2	2	0	5	5	6	6	13	39	5	0	0	5
72	W95811	Trailer, cargo, 1½-ton, 2-whl, WE	3	1	0	0	3	7	4	26	44	3	0	0	3
73	W98825	Trailer, tank, water, 400-gal, 1½-ton, 2-whl, WE	1	1	1	1	4	4	2	2	16	1	1	3	4
74	X38639	Truck, ambulance, ¼-ton, 4x4, WE	0	0	0	0	6	0	0	0	6	6	0	0	6
75	X38961	Truck, ambulance, 1¼-ton, 6x6, WE	0	0	0	0	18	0	0	0	18	0	6	18	18
76	X39735	Truck, cargo, ¾-ton, 4x4, WE	3	3	0	5	5	40	12	13	81	5	0	0	5
77	X39872	Truck, cargo, ¾-ton, 4x4, w/winch, WE	0	0	0	0	0	4	0	0	4	0	0	0	0
78	X39940	Truck, cargo, 1¼-ton, 6x6, WE	0	0	0	0	0	3	0	0	3	0	0	0	0
79	X40009	Truck, cargo, 2½-ton, 6x6, WE	0	2	2	1	6	12	4	21	48	3	1	3	6
80	X40077	Truck, cargo, drop side, 2½-ton, 6x6, WE	0	0	0	0	0	0	0	8	8	0	0	0	0
81	X40146	Truck, cargo, 2½-ton, 6x6, w/winch, WE	1	0	0	1	1	0	0	9	12	1	0	0	1
82	X40831	Truck, cargo, 5-ton, LWB, WE	0	0	0	0	0	0	0	5	5	0	0	0	0
83	X55627	Truck, platform, util, ½-ton, 4x4, WE	0	0	0	0	0	16	22	6	44	0	0	0	0
84	X57271	Truck, tank, fuel servicing, 2½-ton, 6x6, WE	0	0	0	0	0	0	2	0	2	0	0	0	0
85	X58367	Truck, tank, water, 1,000-gal, 2½-ton, 6x6, WE	0	0	0	0	0	0	2	0	2	0	0	0	0
86	X59326	Truck, tractor, 5-ton, 6x6, WE	2	0	0	0	0	0	0	1	3	0	0	0	0
87	X60833	Truck, utility, ¼-ton, 4x4, WE	7	3	2	5	14	9	7	12	59	8	2	6	14
88	X62237	Truck, van, expansible, 5-ton, 6x6, WE	0	1	0	0	0	0	0	0	1	0	0	0	0
89	X62340	Truck, van, shop, 2½-ton, 6x6, WE	0	1	0	0	0	1	0	0	2	0	0	0	0
90	X63162	Truck, wrecker, 2½-ton, 6x6, w/winch, WE	0	0	0	0	0	8	0	0	8	0	0	0	0
91	X63299	Truck, wrecker, 5-ton, 6x6, w/winch, WE	0	0	0	0	0	0	0	1	1	0	0	0	0
		Class VIIL–Missiles													
92	V84002	Test set, radar, AN/MPM-59, OMTS (FAAR)	0	0	0	0	0	2	0	0	2	0	0	0	0

Table 2—26. Summary of Equipment—Division Support Command/Medical Battalion, Division Support Command, Air Assault Division—Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		Division Support Command									Medical bn			
1	LIN / Nomenclature	HHC (29-42H)	AG co (12-27H)	Fin co (14-27H)	Div mat mgt cen (29-43H)	Med bn (8-25H)	Maint bn (29-85H)	Acft maint bn (55-405H)	S&S bn (29-95H)	DISCOM total (29-41H)	HQ & Spt co (8-26H)	Three med co (8-27H) (1)	Three med co (8-27H) (3)	Bn total (8-25H)
	Class VIIM—Weapons													
93	A90118 Armament subsystem, helicopter, 7.62-mm, machine-gun, light, w/o weapons, WE	0	0	0	0	0	0	4	0	4	0	0	0	0
94	L44575 Launcher, grenade, 40-mm	0	0	0	0	0	2	0	0	2	0	0	0	0
95	L44595 Launcher, grenade, 40-mm, single shot rifle mtd, detachable, WE	2	8	4	2	0	13	18	12	59	0	0	0	0
96	L92260 Machinegun, 7.62-mm, acft, light, door mtd	0	0	0	0	0	0	8	0	8	0	0	0	0
97	L92386 Machinegun, 7.62-mm, light, flexible	6	10	3	4	0	18	10	18	69	0	0	0	0
98	M75714 Mount, tripod, machinegun, 7.62-mm	6	10	3	4	0	18	10	18	69	0	0	0	0
99	N96741 Pistol, cal .45, automatic	10	13	7	8	35	8	0	8	89	14	7	21	35
100	R91244 Revolver, cal .38, special, 4-in barrel	0	0	0	0	61	0	36	0	97	61	0	0	61
101	R94977 Rifle, 5.56-mm, WE	143	272	105	155	300	550	524	484	2,533	132	56	168	300
	Class VIIU—COMSEC Materiel													
102	E45766 Code changer key, KIK-18/TSEC	0	0	0	0	4	0	2	0	6	4	0	0	4
103	E45820 Code changer key, KYK-28/TSEC	4	0	0	1	10	0	3	0	18	7	1	3	10
104	H02300 Electronic teletypewriter security equipment, TSEC/KW-7	0	0	0	0	0	1	1	0	2	0	0	0	0
105	P43177 Power supply assembly, vehicular, Z-ACD	5	0	0	1	11	0	3	0	20	5	2	6	11
106	U01295 Speech security equipment, abn, TSEC/KY-28	0	0	0	0	12	0	4	0	16	12	0	0	12
107	U01305 Speech security equipment, TSEC/KY-38	5	0	0	1	12	0	3	0	21	6	2	6	12
	Class VIIW—Ground: Construction and MHE													
108	F39172 Crane, wheel mtd, 3-ton	0	0	0	0	0	1	8	0	9	0	0	0	0
109	G34805 Dolly set, lift, transportable shelter, 2½-ton	0	0	0	0	0	20	12	0	32	0	0	0	0
110	W89557 Tractor, wheeled, warehouse, gas, 4,000-lb	0	0	0	0	0	0	0	1	1	0	0	0	0
111	X48914 Truck, lift, fork, dsl drvn, 6,000-lb cap, rough terrain	0	0	0	0	0	4	2	4	10	0	0	0	0
112	X49051 Truck, lift, fork, dsl drvn, 10,000-lb cap, rough terrain	0	0	0	0	0	0	0	4	4	0	0	0	0

Table 2–27. Summary of Equipment–Maintenance Battalion/Transportation Aircraft Maintenance Battalion/Supply and Services Battalion, Division Support Command, Air Assault Division

1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
			Maint bn					Trans acft maint bn				S&S bn					
1	LIN	Nomenclature	HQ & main spt co (29-86H)	Three fwd spt co (29-87H) (1)	(3)	Ord msl spt det (9-558H)	Bn total (29-85H)	HHD (55-406H)	Two trans acft maint co (55-407H) (1)	(2)	Bn total (55-405H)	HHD (29-96H)	Maint S&S co (29-97H)	Three fwd S&S det (29-98H) (1)	(3)	Airdrop equip and spt co (10-94H)	Bn total (29-95H)
		Class IIA–Air															
2	A21383	Aerial recovery kit for Army aircraft	0	0	0	0	0	0	2	4	4	0	0	0	0	0	0
		Class IIB–Troop Support															
3	H52010	Filter-separator, liquid fuel, 100 GPM, 75 PSI, 2-in inlet, 2-in outlet	0	0	0	0	0	0	0	0	0	0	4	0	0	0	4
4	L64542	Light set, op area, aircraft, ½-kw, heliport (Army)	0	0	0	0	0	0	1	2	2	0	0	0	0	0	0
5	P90610	Pumping assembly, flammable liquid, bulk transfer, gas drvn, 100 GPM	0	0	0	0	0	0	0	0	0	0	4	4	12	0	16
6	V63606	Test set, antiaircraft artillery, AN/MWM-2 (VADS)	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0
7	V84014	Test set, radar, AN/TPM-23 (VADS)	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0
8	W32867	Shop equipment, auto maint and rep, org suppl no 1, less power	1	1	3	0	4	0	1	2	2	0	1	1	3	0	4
9	W67843	Torch outfit, cutting and welding, set 2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
		Class IIE–General Supply															
10	G68966	Drum, fabric, collapsible, liquid fuel, 500-gal capacity	0	0	0	0	0	0	0	0	0	0	0	6	18	0	18
		Class IIG–Electronics															
11	C68719	Cable, telephone, WO-1/TT, OR-8, 1,320 ft	2	0	0	0	2	6	6	12	18	4	2	1	3	2	11
12	C68856	Cable, telephone, WD-1/TT, RL-159/U, 5,280 ft	3	3	9	2	14	0	2	4	4	2	2	0	0	0	4
13	C68993	Cable, telephone, WD-1/TT, 2 cond, field wire	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
14	R30662	Receiver-transmitter, control group, AN/GRA-6	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
15	U82529	Switchboard, telephone, manual, S8-993/GT	0	0	0	0	0	0	0	0	0	0	0	1	3	1	4
		Class VIIA–Air															
16	K31795	Helicopter, utility, UH-1H	0	0	0	0	0	0	2	4	4	0	0	0	0	0	0
17	W93995	Trailer, acft maint, airmobile, 4-whl, 30/48 in trf rail system	0	0	0	0	0	0	4	8	8	0	0	0	0	0	0
18	X23227	Transporter, airmobile, hydraulic lift, for shelter and X-4 container	4	2	6	2	12	0	20	40	40	0	0	0	0	0	0
		Class VIIB–Troop Support															
19	E70064	Compressor, RCP, power drvn, trk, 2 whl, pneu tires, gas drvn, 5 CFM, 175 PSI	2	2	6	0	8	0	1	2	2	0	1	1	3	0	4
20	G02204	Detecting set, mine, ptbl, metallic and nonmetallic	1	1	3	0	4	0	0	0	0	1	0	0	0	0	1
21	G02341	Detecting set, mine, ptbl, metallic (AN/PSS-11)	1	1	3	0	4	0	0	0	0	1	0	0	0	0	1
22	H94824	Forward area refueling equipment (FARE)	0	0	0	0	0	0	0	0	0	0	3	2	6	0	9
23	J04716	Fuel system, supply point, ptbl, 60,000-gal cap	0	0	0	0	0	0	0	0	0	0	2	1	3	0	5
24	J35835	Generator set, dsl eng, 15 kw, 60 hz, 3 ph, AC 120/208, 240/416V, skid, tac util	0	0	0	0	0	0	1	2	2	0	1	0	0	1	2
25	J36109	Generator set, dsl eng, 30 kw, 60 hz, 3 ph, AC 120/208, 240/416V, 50 hz, tac util	0	0	0	0	0	0	4	8	8	0	0	0	0	0	0
26	J36725	Generator set, dsl eng, 30 kw, AC 120/208, 240/416V, 3 ph, 400 hz, tac precise	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0
27	J42100	Generator set, gas eng, tlr mtd, 10 kw, 60 cy, 1 ph, AC 120/240V, PU-619/M	2	1	3	2	7	0	0	0	0	0	0	0	0	0	0

Table 2—27. Summary of Equipment—Maintenance Battalion/Transportation Aircraft Maintenance Battalion/Supply and Services Battalion, Division Support Command, Air Assault Division—Continued

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		Maint bn					Trans acft maint bn				S&S bn					
1 LIN	Nomenclature	HQ & main spt co (29-86H)	Three fwd spt co (29-87H) (1)	(3)	Ord msl spt det (9-558H)	Bn total (29-85H)	HHD (55-406H)	Two trans acft maint co (55-407H) (1)	(2)	Bn total (55-405H)	HHD (29-96H)	Maint S&S co (29-97H)	Three fwd S&S det (29-98H) (1)	(3)	Airdrop equip and spt co (10-94H)	Bn total (29-95H)
28 J42976	Generator set, gas eng, 0.5 kw, 60 cy, 1 ph, AC 120/240V, shock, mtd	0	0	0	0	0	0	1	2	2	0	0	0	0	0	0
29 J43918	Generator set, gas eng, 1.5 kw, 60 hz, 1 ph, 2 wire, AC 120V, shock, tac util	5	3	9	2	16	2	2	4	6	0	3	1	3	1	7
30 J44055	Generator set, gas eng, 1.5 kw, DC 28V, shock, tac util	1	0	0	0	1	0	1	2	2	0	0	0	0	0	0
31 J45699	Generator set, gas eng, 3 kw, 60 hz, 1-3 ph, 120/240, 120/208V, skid, tac util	2	1	3	0	5	0	0	0	0	1	3	1	3	0	7
32 J46110	Generator set, gas eng, 3 kw, DC 28V, skid-shock, tblr frame mtd, tac util	2	2	6	0	8	0	3	6	6	0	1	1	3	0	4
33 J47068	Generator set, gas eng, 5 kw, 60 hz, 1-3 ph, AC 120/240, 120/208, skid, tac util	1	2	6	2	9	0	3	6	6	0	0	0	0	4	4
34 J47617	Generator set, gas eng, tlr mtd, 5 kw, 60 hz, 2 ea, mtd on M116 PU-620	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
35 J49005	Generator set, gas eng, 7.5 kw, DC 28.5V, whl mtd	0	0	0	0	0	0	1	2	2	0	0	0	0	0	0
36 J49398	Generator set, gas eng, 10 kw, 60 hz, 1-3 ph, AC 120/240/, 120/208V, tac util	1	1	3	0	4	0	1	2	2	1	0	0	0	0	1
37 L64131	Light set, marker, emergency, afld runway, ptbl, battery op	0	0	0	0	0	0	0	0	0	0	0	1	3	0	3
38 T10138	Shop equip, contact maint, trk mtd	2	2	6	0	8	0	0	0	0	0	0	0	0	0	0
39 V12141	Tank and pump unit, liquid dispensing, truck mounting	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
40 V19950	Tank unit, liquid dispensing, trailer mounting	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
41 W32593	Shop equipment, auto maint and rep, OM common no 1, less power	1	1	3	0	4	0	1	2	2	0	1	1	3	0	4
	Class VIIG—Electronics															
42 Q38335	Radio set, AN/PRC-90	0	0	0	0	0	0	4	8	8	0	0	0	0	0	0
43 Q53001	Radio set, AN/VRC-46	3	1	3	12	18	3	2	4	7	3	2	1	3	1	9
44 Q54174	Radio set, AN/VRC-47	1	0	0	2	3	1	1	2	3	1	1	0	0	0	2
45 Q78282	Radio set, control group, AN/GRA-39	1	1	3	0	4	1	1	2	3	1	1	0	0	1	3
46 Q90120	Radio teletypewriter set, AN/GRC-142	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
47 U81707	Switchboard, telephone, manual, S8-22/PT	2	1	3	1	6	1	1	2	3	2	2	0	0	0	4
48 V31211	Telephone set, TA-312/PT	18	10	30	5	53	8	15	30	38	12	15	6	18	4	49
	Class VIIK—Tactical Vehicles															
49 E02807	Chassis, trailer, generator, 2½-ton, 2-wheel, WE	0	0	0	2	2	0	4	8	8	0	0	0	0	0	0
50 S70243	Semitrailer, low bed, wrecker, 12-ton, 4-wheel, 40-ft, WE	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
51 W93961	Trailer, aircraft, cargo, loading-unloading, 3½-ton, 4-wheel, WE	0	0	0	0	0	0	0	0	0	0	25	0	0	0	25
52 W95400	Trailer, cargo, ¼-ton, 2-wheel, WE	3	1	3	0	6	3	2	4	7	4	4	1	3	0	11
53 W95537	Trailer, cargo, ¾-ton, 2-wheel, WE	2	1	3	1	6	0	3	6	6	2	0	2	6	5	13
54 W95811	Trailer, cargo, 1½-ton, 2-wheel, WE	1	1	3	3	7	0	2	4	4	0	25	0	0	1	26
55 W98825	Trailer, tank, water, 400-gal, 1½-ton, 2-wheel, WE	1	1	3	0	4	0	1	2	2	1	1	0	0	0	2
56 X39735	Truck, cargo, ¾-ton, 4x4, WE	10	5	15	15	40	0	6	12	12	2	0	2	6	5	13
57 X39872	Truck, cargo, ¾-ton, 4x4, w/winch, WE	1	1	3	0	4	0	0	0	0	0	0	0	0	0	0

Table 2–27. Summary of Equipment—Maintenance Battalion/Transportation Aircraft Maintenance Battalion/Supply and Services Battalion, Division Support Command, Air Assault Division—Continued

1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
			Maint bn					Trans acft maint bn				S&S bn					
			HO & main spt co (29-86H)	Three fwd spt co (29-87H) (1)	(3)	Ord msl spt det (9-558H)	Bn total (29-85H)	HHD (55-406H)	Two trans acft maint co (55-407H) (1)	(2)	Bn total (55-405H)	HHD (29-96H)	Maint S&S co (29-97H)	Three fwd S&S det (29-98H) (1)	(3)	Airdrop equip and spt co (10-94H)	Bn total (29-95H)
1	LIN	Nomenclature															
58	X39940	Truck, cargo, 1¼-ton, 6x6, WE	0	1	3	0	3	0	0	0	0	0	0	0	0	0	0
59	X40009	Truck, cargo, 2½-ton, 6x6, WE	2	3	9	1	12	0	2	4	4	1	20	0	0	0	21
60	X40077	Truck, cargo, drop side, 2½-ton, 6x6, WE	0	0	0	0	0	0	0	0	0	0	2	2	6	0	8
61	X40146	Truck, cargo, 2½-ton, 6x6, w/winch, WE	0	0	0	0	0	0	0	0	0	0	5	1	3	1	9
62	X40831	Truck, cargo, 5-ton, 6x6, LW8, WE	0	0	0	0	0	0	0	0	0	0	5	0	0	0	5
63	X55627	Truck, platform, utility, ¼-ton, 4x4, WE	4	4	12	0	16	0	11	22	22	0	0	2	6	0	6
64	X57271	Truck, tank, fuel servicing, 2½-ton, 6x6, WE	0	0	0	0	0	0	1	2	2	0	0	0	0	0	0
65	X58367	Truck, tank, water, 1,000-gal, 2½-ton, 6x6, WE	0	0	0	0	0	0	1	2	2	0	0	0	0	0	0
66	X59326	Truck, tractor, 5-ton, 6x6, WE	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
67	X60833	Truck, utility, ¼-ton, 4x4, WE	4	1	3	2	9	3	2	4	7	4	4	1	3	1	12
68	X62340	Truck, van, shop, 2½-ton, 6x6, WE	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
69	X63162	Truck, wrecker, 2½-ton, 6x6, w/winch, WE	2	2	6	0	8	0	0	0	0	0	0	0	0	0	0
70	X63299	Truck, wrecker, 5-ton, 6x6, w/winch, WE	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
		Class VIIL—Missiles															
71	V84002	Test set, radar, AN/MPM-59, OMTS (FAAR)	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0
		Class VIIM—Weapons															
72	A90118	Armament subsystem, helicopter, 7.62-mm, machine-gun, light, w/o weapons, WE	0	0	0	0	0	0	2	4	4	0	0	0	0	0	0
73	L44575	Launcher, grenade, 40-mm	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0
74	L44595	Launcher, grenade, 40-mm, single shot rifle, mtd, detachable, WE	4	3	9	0	13	6	6	12	18	2	4	2	6	0	12
75	L92260	Machinegun, 7.62-mm, aircraft, light, door mtd	0	0	0	0	0	0	4	8	8	0	0	0	0	0	0
76	L92386	Machinegun, 7.62-mm, light, flexible	4	4	12	2	18	2	4	8	10	4	8	2	6	0	18
77	M75714	Mount, tripod, machinegun, 7.62-mm	4	4	12	2	18	2	4	8	10	4	8	2	6	0	18
78	N96741	Pistol, cal .45, automatic	4	1	3	1	8	0	0	0	0	3	1	1	3	1	8
79	R91244	Revolver, cal .38, special, 4-in barrel	0	0	0	0	0	6	15	30	36	0	0	0	0	0	0
80	R94977	Rifle, 5.56-mm, WE	205	94	282	63	550	32	246	492	524	40	188	69	207	49	484
		Class VIIU—COMSEC Material															
81	E45766	Code changer key, KIK-18/TSEC	0	0	0	0	0	0	1	2	2	0	0	0	0	0	0
82	E45820	Code changer key, KYK-28/TSEC	0	0	0	0	0	1	1	2	3	0	0	0	0	0	0
83	H02300	Electronic teletypewriter security equipment, TSEC/KW-7	1	0	0	0	1	1	0	0	1	0	0	0	0	0	0
84	P43177	Power supply assembly, vehicular, Z-ACD	0	0	0	0	0	1	1	2	3	0	0	0	0	0	0
85	U01295	Speech security equipment, airborne, TSEC/KY-28	0	0	0	0	0	0	2	4	4	0	0	0	0	0	0
86	U01305	Speech security equipment, TSEC/KY-38	0	0	0	0	0	1	1	2	3	0	0	0	0	0	0
		Class VIIW—Ground: Construction and MHE															
87	F39172	Crane, wheel mtd, 3-ton	1	0	0	0	1	0	4	8	8	0	0	0	0	0	0
88	G34805	Dolly set, lift, transportable shelter, 2½-ton	5	5	15	0	20	0	6	12	12	0	0	0	0	0	0
89	W89557	Tractor, wheeled, warehouse, gas, 4,000-lb	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
90	X48914	Truck, lift, fork, dsl drvn, 6,000-lb cap, rough terrain	1	1	3	0	4	0	1	2	2	0	0	0	0	4	4
91	X49051	Truck, lift, fork, dsl drvn, 10,000-lb cap, rough terrain	0	0	0	0	0	0	0	0	0	0	3	0	0	1	4

Table 2—28. Summary of Equipment—Air Cavalry Squadron/Infantry Battalion, Air Assault Division

1	2	3	4	5	6	7	8	9	10	11	12
		Air cav sqdn					*Inf bn*				
			Three air cav trp (17-98H)					*Three rifle co (7-57H)*			
1	*LIN*	*Nomenclature*	*HHT (17-96H)*	*(1)*	*(3)*	*Cav trp (17-99H)*	*Sqdn total (17-95H)*	*HHC (7-56H)*	*(1)*	*(3)*	*Cbt spt co (7-58H)*	*Bn total (7-55H)*
		Class IIA—Air										
2	M02470	Maintenance platform, hydraulic adjustable to 10-ft high, 44½-in wide	1	3	9	0	10	0	0	0	0	0
3	M02504	Maintenance platform, hydraulic adjustable type, 3 to 7 ft high	1	3	9	0	10	0	0	0	0	0
		Class IIB—Troop Support										
4	L64542	Light set, op area, aircraft, ½-kw, heliport (Army)	1	1	3	0	4	0	0	0	0	0
5	W32867	Shop equipment, auto maint and rep, org sup no 1, less power	1	1	3	1	5	0	0	0	0	0
		Class IIE—General Supply										
6	G68966	Drum, fabric, collapsible, liquid fuel, 500-gal capacity	3	6	18	0	21	2	0	0	0	2
		Class IIG—Electronics										
7	C68719	Cable, telephone, WO-1/TT, OR-8, 1,320 ft	39	16	48	30	117	10	12	36	33	79
8	C68856	Cable, telephone, WD-1/TT, RL-159/U, 5,280 ft	0	0	0	0	0	16	0	0	0	16
9	C68993	Cable, telephone, WD-1/TT, 2 cond, field wire	15	0	0	4	19	20	12	36	3	59
10	R30662	Receiver-transmitter, control group, AN/GRA-6	2	1	3	1	6	0	0	0	0	0
11	U82529	Switchboard, telephone, manual, SB-993/GT	0	1	3	3	6	0	3	9	1	10
		Class VIIA—Air										
12	K29660	Helicopter, attack, AH-1G	0	9	27	0	27	0	0	0	0	0
13	K31042	Helicopter, observation, OH-58A	0	10	30	0	30	0	0	0	0	0
14	K31795	Helicopter, utility, UH-1H	4	8	24	0	28	0	0	0	0	0
15	T17093	Shop set, acft maint, airmobile UH-1/OH-6, co size, DS	0	1	3	0	3	0	0	0	0	0
16	W62611	Tool set, aviation unit maint set no 1, airmobile	1	3	9	0	10	0	0	0	0	0
17	X23227	Transporter, airmobile, hydraulic lift, for shelter and X-4 container	1	3	9	0	10	0	0	0	0	0
		Class VIIB—Troop Support										
18	E70064	Compressor, RCP, power drvn, trk, 2-whl, pneu tires, gas drvn, 5 CFM, 175 PSI	1	1	3	1	5	1	0	0	0	1
19	E70201	Compressor, RCP, power drvn, trk, 2-whl, pneu tires, gas drvn, 8 CFM, 175 PSI	1	1	3	0	4	0	0	0	0	0
20	G02204	Detecting set, mine, ptbl, metallic and nonmetallic	1	0	0	3	4	0	1	3	1	4
21	G02341	Detecting set, mine, ptbl, metallic (AN/PSS-11)	1	0	0	3	4	0	2	6	2	8
22	H94824	Forward area refueling equipment (FARE)	1	2	6	0	7	0	0	0	0	0
23	J42976	Generator set, gas eng, 0.5 kw, 60 cy, 1 ph, AC 120/240V, shock, mtd	1	1	3	0	4	0	0	0	0	0

Section II. CLASS I AND II SUPPLY

3–4. Class I Supply

a. General. Class I supplies consist primarily of subsistence items. To reduce supply administration and physical handling of supplies, the class I system uses as few intermediate echelons as possible. Strength reports, with the addition of any special requirements, act as the triggering device to cause the shipping of class I supplies to general support activities. Issues to direct support activities are based on requests for specific type and quantity of rations required to support operations.

b. Weights and Cubes. Table 3–4 gives the characteristics of standard rations to include packaging information, weight per unit, and average calories per ration or unit.

Table 3–4. Characteristics of Standard Rations

1		2			3	4
		Packaging information*				
	Item	Contents per package or case	Gross weight per package or case (lb)	Volume per package or case (cu ft)	Average wt per unit, including packing (lb)	Average calories per ration or unit
1	Field ration A[1]				7.390	4,000+ per ration
2	Standard B ration[2]			.1164 per ration	3.792	4,000 per ration
3	Meal, combat, individual[3]	12 meals	25.0	0.80	1.77	1,200 per meal
4	Food packet, long-range patrol[4]	40 packets	36	1.84	.69	1,100+ per packet
5	Food packet, survival, general purpose[5]	24 packets	20	.43	.75	870 per packet
6	Ration supplement, sundries pack (1 pack per 100 men)[6]	1	41.0	1.67		
7	Ration supplement, aid station (makes 100 8-oz drinks)[7]	1	16.0	1.01		

[1] This is the basic field ration. It consists of such perishables as fresh and frozen meats, vegetables, and fruit. It is intended for use primarily under stable conditions and during static phases of military operations when normal cooking and refrigeration facilities are available.

[2] Same as the field ration, with nonperishables substituted for perishables. It is designed to be used where refrigeration facilities are lacking or are impracticable but where kitchen and cooking facilities are available (See SB 10–495).

[3] Designed for use as individual meals or in multiples of 3 for a complete ration. This meal is not to be used over extended periods.

[4] Issued to troops under special combat conditions where resupply may be uncertain. The principal menu component is dehydrated and may be eaten as is with drinking water or may be rehydrated rapidly with hot or cold water. Eight different menus are available.

[5] Contains four food bars, sugar, instant coffee, and soup and gravy base packed in a rectangular can with a key opener taped to it. Minimal recommended issue is one-half packet per man per day in hot climates and 1 packet per man per day in cold climates.

[6] Composed of items necessary to the health and comfort of troops; e.g., essentail toilet articles, tobacco, and confections that usually are obtained at an exchange. This packet is made available in TO's for issue, pending establishment of adequate service facilities.

[7] Designed for use at forward medical stations to provide combat casualties with hot, stimulating beverages which alleviate shock and contribute to patient comfort.

*Federal Supply Catalog C8900IL–Subsistence

3–5. Class II Supply

Class II supplies are secondary items of equipment authorized in allowance tables and items of supply including expendables and consumables. Class II items include clothing, individual equipment, tentage, organizational tool sets and tool kits, hand tools, and administrative and housekeeping supplies and equipment.

Section III. CLASS III AND IV SUPPLY

3–6. Class III Supply

a. General. Class III supplies consist of fuels and petroleum products. Class III items include petroleum and chemical products used in support of aircraft; petroleum products transported in tankers, cargo barges, etc.; packaged bulk fuels; package products such as lubricants, greases, and hydraulic fluids; and solid fuels such as coal and coke.

b. Weights, Volumes, and Conversion Factors. Table 3–5 contains weights, volumes, and conversion factors for petroleum products.

c. Estimating Liquid Fuel Requirements. Computations in tables 3–16 through 3–21 are based on the following major factors controlling liquid fuel requirements in military operations and the data provided in tables 3–6 through 3–15.

(1) *Displacement.* The average distance that each vehicle moves is determined by measuring the distance that the center of convoy moves. Administrative or march movements are computed based on available road nets. Movements under battle conditions are computed on the basis of selected organizational elements proceeding cross country. Experience tables provide consumption data for moving an organization. For planning, assume that cross-country battle fuel consumption is at a rate 2.5 times that given for road movements in the fuel data tables 3–16 through 3–21 and discussed in *f* below.

(2) *Supply.* During a displacement, certain vehicles of an organization must make round trip supply hauls. Since these hauls generally are made to supply points of varying distances from the organization, an average round trip supply distance must be determined. Experience indicates that daily requirements for supply hauls are about equal to 10 percent of the total organizational consumption per kilometer or displacement multiplied by the average round trip supply distance. When the organization is not on the move, supply haul requirements are included in the composite requirement described in *e* below and are not computed separately.

(3) *Service.* Supplemental daily requirements exist for movement of vehicles in bivouac areas and on reconnaissance, engine warmup, and abnormal periods of low-gear operation. These items will differ with the nature of the operation, weather, road, and terrain and they must be estimated in accordance with general conditions. Under average conditions, these requirements can be estimated by using the consumption necessary to move all vehicles in the organization 16 kilometers over roads. This factor applies when the organization is on the march or in combat.

(4) *Housekeeping.* Additional daily requirements exist for administrative vehicles, kitchens, and gasoline-powered equipment and for maintaining and testing engines. When the organization is not on the march, these requirements, are noted under each fuel data table in e below. When the organization is on the move, the requirements for administrative vehicles (not supply hauls) and gasoline-powered equipment are absorbed by maintenance, and the testing factor is absorbed by the service factor.

(5) *Wastage.* This factor covers evaporation, spillage, and small combat losses. It applies only to road movement in the combat zone. Its computation is 10 percent of the sum of all other consumption figures.

(6) *Stationary equipment.* This factor applies to fuel consuming equipment which does not provide its own power to move. Generators, air-compressors, and refrigeration units are examples of such equipment. It can be estimated that this type equipment will operate 20 hours a day.

(7) *Aircraft.* Aircraft fuel consumption is computed as gallons or pounds per hour per day. FM 101–20 (FOUO) projects average flying hours per day for Army aircraft. When possible, actual experience should be used. Table 3–15 provides consumption per hour.

(8) *Example for computation:* (Table 3–21) An armor battalion with one headquarters and headquarters company, three tank companies, and two combat support companies

is to make the following movement: 100 kms in zone to bivouac area (distances determined in accordance with c(1)). Estimate the total number of gallons of diesel fuel (DF) and MOGAS (MO) required for this move, a two-day bivouac and return. Note lettered columns show total gallons of fuel required to move equipment 1 km or operate stationery equipment for 1 hour. Figures in parentheses are totals of all equipment authorized by TOE and should be further multiplied by the number of units. Figures not in parentheses are averaged totals of all equipment and all units.

(a) Displacement of 100 kms.

1. Diesel requirements: Multiply 100 kms by sum of columns 11*p* and 12*r* (46.3 + 5.0) = 51.3 GPK X 100 kms = *5,130* gal DF.

2. Gasoline requirements: Multiply 100 kms by sum of columns 11*o* and 12*q* (10.8 + 1.1) = 11.9 GPK X 100 kms = *1,190* gal MO.

(b) Supply requirements.

1. Multiply 50 kms (average supply distance) X 5.13 (10 percent of DF displacement per km) = *256.5* gal DF.

2. Multiply 50 kms (average supply distance) X 1.19 (10 percent of MO displacement per km) = *59.5* gal MO.

(c) Service requirements.

1. Diesel requirements: Multiply 16 km (figure from c(3)) X 51.3 (DF consumption per km) = *820.8* gal DF.

2. MOGAS requirements: Multiply 16 km (figure from c(3)) X 11.9 (MO consumption per km) = *190.4* gal MO.

(d) Housekeeping. See *(f)* below.

(e) Wastage. Not required. Battalion not in combat zone.

(f) Stationary equipment. For the purpose of this exercise, housekeeping figures are consolidated with stationary equipment. All hourly figures are multiplied by a factor of 20 hours operation per day (c(6)) column 7*g* and *h*. Also included are kitchen requirements.

1. Diesel requirements: Total columns 5*d* and 7*h*. 89 + 20 = 109 GPH. Then, 109 GPH X 20 hrs = *2,180* gal diesel fuel.

2. MOGAS requirements: Total columns 6*e*, 7*g*, 9*k*, and 10*m*. 11 + 18 + 6 + 2 = 37 GPH. Then, 37 GPH X 20 hrs = *740* gal MO per day.

(g) Aircraft. Not required.

(h) Totals.

	Displacement		*Supply*	
1st day	DF 5,130	MO 1,190	DF 256.5	MO 59.5
2d day	Bivouac		DF	MO
3d day	Bivouac		DF	MO
4th day	DF 5,130	MO 1,190	DF 256.5	MO 59.5
Totals	DF 10,260	MO 2,380	DF 513	MO 119

	Service		*Stationary equip*	
1st day	DF	MO	DF	MO
2d day	DF 820.8	MO 190.4	DF 2,180	MO 740
3d day	DF 820.8	MO 190.4	DF 2,180	MO 740
4th day	DF	MO	DF	MO
Totals	DF 1,641.6	MO 380.8	DF 4,360	MO 1,480

Total DF *16,774.6 or 16,775* gal
Total MO *4,359.8 or 4,360* gal

d. Gallons Per Man Per Day Method of Estimating Petroleum Requirements. The gallons per man per day method of estimating petroleum requirements is used in the early planning stages when definitive information is not available on the numbers and types of vehicles. Because of the level of aggregation of gallons-per-man-per-day consumption rate, this method

is seldom used below corps; however, once established for a given theater, the figure may be used for requisitioning purposes. *The gallons per man per day method is to be used only as a guide, not as a substitute for more exacting computation.* The consumption in gallons-per-man-per-day in various theaters necessarily will vary with terrain, climate, ratio between land and amphibious operations, and units using special vehicles and equipment.

e. Class III Supply Data. Fuel consuming equipment is divided into *10* broad consumption categories. The data in tables 3—6 through 3—15 provide consumption rates for various types of equipment and are based on the following consumption factors:

Consumption category	*Basis*	*Table number*
Amphibious	1 hour operating time	3—6
Construction	1 hour operating time	3—7
Generator	1 hour operation	3—8
Heating	1 hour operation	3—9
Material handling equipment	1 hour operating time	3—10
Stationary equipment	1 hour operating time	3—11
Stationary equipment, vehicle mounted	1 hour	3—12
Tracked vehicles	1 km on solid, dry, level	3—13
Wheeled vehicles	1 km on solid, dry, level	3—14
Aircraft	1 cruise hour	3—15

f. Fuel Consumption Rates—Divisional Units

(1) Fuel consumption within a division is a total of many factors. These factors include: intensity of conflict, level of commitment, terrain, temperature, type equipment, number of units, etc. The tables listed below contain the planning factors for the division base of the following H-series TOE divisions:

Type	*Table number*
Armored division	3–16
Mechanized division	3–17
Air assault division	3–18
Infantry division	3–19
Airborne division	3–20
Maneuver battalions	3–21

(2) Each division table is divided into the 10 consumption categories and provides a usage factor of either gallons per one hour of operation or gallons per kilometer. In order to use the tables correctly, the planner should first determine the TOE concerned, then determine the mission and posture of the unit and finally, add together the appropriate columns to determine fuel consumption factor.

3–7. Class IV Supply

a. General. Class IV supplies consist of construction materiels, to include installed equipment, and all fortification and barrier materials. Requests for class IV supplies normally require command approval.

b. Weights and Cubes. FM 5–35, *Engineer's Reference and Logistical Data*, provides weights and cubes for construction and fortification materials.

Table 3–16. Armored Division (TOE 17H)

1	2	3	4		5		6		7		8		9		10		11		12		13
			a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	
No of units	TOE	Unit	Amphibious GPH MO	Amphibious GPH DF	Construction GPH MO	Construction GPH DF	Generator GPH MO	Generator GPH DF	Heating GPH MO	Heating GPH DF	MHE GPH MO	MHE GPH DF	Stationary equipment GPH MO	Stationary equipment GPH DF	Stationary equipment veh mtd GPH MO	Stationary equipment veh mtd GPH DF	Tracked vehicle gal/1 km MO	Tracked vehicle gal/1 km DF	Wheeled vehicle gal/1 km MO	Wheeled vehicle gal/1 km DF	Aircraft GPH JP4
1	17H	Armd div	20		22	363	512	52	234	248		59	145		40	2	33.8	96.2	32.7	85.2	3,586
1	17-4H	HHC					13	7	5	6			1					.5	1.2	.7	
1	19-27H	MP co					7		2				1						2.1	.3	
1	17-87H	Div avn co					12	4	10	4			2						.6	1.1	634
1	11-35H	Sig bn					124		7	16			4						8.7	4.4	
(1)	11-36H	HHC					(23)						(1)						(1.0)	(1.7)	
(1)	11-37H	Comd op co					(42)		(3)	(6)			(1)						(2.7)	(1.3)	
(1)	11-38H	Fwd comm co					(33)		(2)	(4)			(1)						(2.8)	(.5)	
(1)	11-39H	Sig spt op co					(27)		(2)	(6)			(1)						(2.2)	(1.0)	
1	5-145H	Engr bn	20		10	355	38		24	26		6	61		17		2.5	18.3	1.1	9.7	
(1)	5-146H	HHC			(10)	(48)	(21)		(4)	(6)		6	(6)		(13)		(2.5)	(1.5)	(.7)	(3.2)	
(4)	5-147H	Cbt engr co (each)				(30)	(4)		(4)	(4)			(13)					(4.2)	(.1)	(1.2)	
(1)	5-148H	Brg co	(20)			(187)	(3)		(4)	(4)			(3)		(4)				(.2)	(1.9)	
3	17-42H	HHC, armd bde (each)					12		10	4			2		1			1.0	.5	1.1	116
1	17-105H	Armd cav sqdn					20		28	22		11	8		2		25.0	11.6	1.3	6.4	2,083
(1)	17-106H	HHT					(8)		(14)	(22)			(2)		(1)		(1.0)	(2.5)	(.5)	(2.9)	
(3)	17-107H	Armd cav trp (each)					(1)						(1)				(8.0)	(3.1)	(.2)	(.5)	
(1)	17-108H	Air cav trp					(10)		(14)			(11)	(3)		(1)				(.1)	(1.9)	(2,083)
1	6-300H	Armd div arty					180		75	112			37		12		1.3	62.8	7.7	26.7	406
1	6-302H	HHB					29		10	6			4		1				1.3	1.9	406
3	6-305H	FA bn 155-mm (each)					21		12	20			6		1			14.9	.8	3.5	
(1)	6-366H	HHB, 155-mm					(8)		(2)	(4)			(1)					(1.8)	(.3)	(1.4)	
(3)	6-367H	FA btry, 155-mm (each)					(3)		(2)	(4)			(1)					(4.4)	(.2)	(.4)	
(1)	6-369H	Svc btry, 155-mm					(4)		(4)	(4)			(2)		(1)				(.1)	(1.0)	
1	6-395H	FA bn, 8-in					24		12	18			6		1		1.3	9.8	.7	4.0	
(1)	6-396H	HHB, 8-in					(6)		(2)	(4)			(1)					(.5)	(.3)	(1.1)	

LEGEND

MO (MOGAS) DF (DIESEL)

Table 3–27. Ammunition Per Type Unit Per Weapon Per Day Expressed in Rounds and STON[1]

Weapon	No of wpns	Packed wt/rd	Defense of position: First day Rds/wpn	First day Total rds	First day STON	Succeeding days Rds/wpn	Succeeding days Total rds	Succeeding days STON	Attack of position/deliberately organized: First day Rds/wpn	First day Total rds	First day STON	Succeeding days Rds/wpn	Succeeding days Total rds	Succeeding days STON	Protracted period Rds/wpn	Protracted period Total rds	Protracted period STON
Part A. Armored Division																	
Armored Division																	
Armament pod, acft, 7.62-mm mg, M18	6	.093	6,000	36,000	1 7	3,600	21,600	1 0	4,980	29,880	1.4	2,689	16,134	.8	1,500	9,000	.4
Armament subsystem, helicopter, 20-mm auto-gun, M35	4	80	3,000	12,000	4 8	1,800	7,200	2.9	2,490	9,960	4.0	1,345	5,380	2.2	750	3,000	1.2
Armament subsystem, helicopter, 7.62-mm mg, lt, M23	13	093	840	10,920	5	509	6,617	.3	700	9,100	.4	382	4,966	.2	213	2,769	.1
Armament subsystem, helicopter																	
7.62-mm mg	9	.093	2,250	20,250	1 0	1,350	12,150	6	1,868	16,812	.8	1,009	9,081	.4	563	5,067	.2
40-mm lchr	9	750	321	2,889	1 1	193	1,737	7	266	2,394	9	144	1,296	.5	80	720	.3
Hi rate, M28, A1																	
Armored reconnaissance airborne assault vehicle, M551																	
Ctg, 152-mm	27	60.00	9	243	7 3	5	135	4 1	7	189	5.7	4	108	3.2	2	54	1.6
SIB (Shillelagh)	27	120.00	18	486	29 2	11	297	17 8	16	432	25.9	8	216	13.0	4	108	6.5
Gun, ADA, SP, 20-mm, M163	24	1.00	6,000	144,000	72 0	3,600	86,400	43 2	4,980	119,520	60.0	2,689	64,536	32.3	1,500	36,000	18.0
Howitzer, 155-mm, SP, M109	54	103 04	231	12,474	642 7	140	7,560	389 5	192	10,368	534 2	105	5,670	292.1	58	3,132	161.4
Howitzer, 8-in, SP, M110	12	211 00	143	1,716	181 0	87	1,044	110 1	119	1,428	150.7	65	780	82.3	36	432	45.6
Lchr, GM, M222 (Dragon)	224	67.00	6	1,344	45 0	4	896	30 0	5	1,120	37 5	3	672	22.5	2	448	15.0
Lchr, grenade, 40-mm, M203	1,061	750	32	33,952	12 7	19	20,159	7.6	27	28,647	10.8	15	15,915	6.0	8	8,488	3 2
Lchr, rkt, acft. 2.75-in, M158A41	12	27.00	42	504	6.8	25	300	4.0	35	420	5.7	19	228	3.1	11	132	1.8
Lchr, rkt, acft, 2.75-in, 19-tube (repairable). M200A1	20	27.00	114	2,280	30.8	68	1,360	18.4	95	1,900	25.6	51	1,020	13.8	29	580	7 8
Lchr, rkt, multiple, 115-mm, M91	9	93.33	See note 2														
Lchr, rkt, 66-mm, M72 (LAW) see note 3	2,400	7 80	N/A	700	2 7	N/A	455	1 7	N/A	595	2.3	N/A	301	1.2	N/A	175	0.7
Lchr, rkt, 66-mm, 4-tube, M202, A1	85	8.75	16	1,360	5 9	10	850	3.7	14	1,190	5.2	7	595	2 6	4	340	1.5
Lchr, tubular, GM (TOW)	90	87 00	16	1,440	62.6	10	900	39.1	14	1,260	54.8	7	630	27.4	4	360	15.7
Machinegun, .50 cal, M2	1,050	.395	263	276,150	54.5	159	166,950	33 0	219	229,950	45.4	120	126,000	24.9	67	70,350	13.9
Machinegun, 7.62-mm, M60	570	.093	649	369,930	17.2	393	224,010	10.4	541	308,370	14.3	295	168,150	7.8	164	93,480	4.3
Machinegun, 7.62-mm, six barrels, M134	15	.093	6,000	90,000	4.2	3,600	54,000	2.5	4,980	74,700	3.5	2,689	40,335	1.9	1,500	22,500	1.0
Mortar, 81-mm, M29, A1	45	17 32	145	6,525	56.5	88	3,960	34.3	121	5,445	47.2	66	2,970	25.7	37	1,665	14.4
Mortar, 4 2-in, M24, A1	53	40.00	163	8,639	172.8	99	5,274	104.9	136	7,208	144.2	74	3,922	78.4	41	2,173	43.5
Rifle, 5.56-mm, M16, A1	13,237	.042	14	1,959,076	41 1	90	1,191,330	25.0	124	1,641,388	34.5	67	886,879	18.6	38	503,006	10.6
Rifle, recoilless, 90-mm, M67	8	27 50	19	144	1 9	11	88	1.2	15	120	1 7	8	64	.9	5	40	.6
Submachinegun, .45 cal, M3, A1	889	056	44	29,116	1.1	27	24,003	.7	37	32,893	9	20	17,780	.5	11	9,779	.3
Tank, combat, full-tracked, 105-mm gun, M60, A1	324	62.78	78	25,272	793.3	47	15,228	478.0	65	21,060	661.1	35	11,340	356.0	20	6,480	203.4
Armored division total (STON)					2,250.4			1,364.7			1,878.7			1,018.3			573.0

Table 3—27. Ammunition Per Type Unit Per Weapon Per Day Expressed in Rounds and STON—Continued

Weapon	No of wpns	Packed wt/rd	Defense of position						Attack of position/deliberately organized						Protracted period		
			First day			Succeeding days			First day			Succeeding days					
			Rds/wpn	Total rds	STON	Rds/wpn	Total rds	STON	Rds/wpn	Total rds	STON	Rds/wpn	Total rds	STON	Rds/wpn	Total rds	STON
Part B. Infantry Division																	
Infantry Division																	
Armament subsystem, helicopter, 20-mm auto gun, M35	12	.80	3,000	36,000	14.4	1,800	21,600	8 6	2,490	29,880	12.0	1,345	16,140	6.5	750	9,000	3.6
Armament subsystem, helicopter, 7.62-mm mg, lt, M23	35	093	840	29,400	1.4	509	17,815	.8	700	24,500	1.1	382	13,370	.6	213	7,455	.3
Armament subsystem, helicopter																	
7.62-mm mg	27	.093	2,250	60,750	2 8	1,350	36,450	1 7	1,868	50,436	2.3	1,009	27,243	1.3	563	15,201	.7
40-mm lchr	27	.750	321	8,667	3.3	193	5,211	2 0	266	7,182	2.7	144	3,888	1.5	80	2,160	.8
Hi rate, M28, A1																	
Armored reconnaissance airborne assault vehicle, M551																	
Ctg, 152-mm	9	60.00	9	81	2 4	5	45	1 4	7	63	1.9	4	36	1.1	2	18	.5
SI8 (Shillelagh)	9	120 00	18	162	9 7	11	99	5 9	16	144	8.6	8	72	4.3	4	36	1.1
Gun, ADA, SP, 20-mm, M163	24	1.00	6,000	144,000	72.0	3,600	86,400	43 2	4,980	119,520	60.0	2,689	64,536	32.3	1,500	36,000	18.0
Howitzer, 105-mm, towed, M102	54	65 00	200	10,800	351 0	121	6,534	212.3	167	9,018	293.1	91	4,914	159.7	51	2,754	89.5
Howitzer, 155-mm, towed, M114	18	103 04	231	4,158	214 2	140	2,520	129 8	192	3,456	178.1	105	1,890	97.4	58	1,044	53.8
Howitzer, 8-in, SP, M110	4	211 00	143	572	6 0	87	348	36 7	119	476	50.2	65	260	27.4	36	144	15.2
Lchr, GM, M222 (Dragon)	260	67 00	6	1,560	52 3	4	1,040	34 8	5	1,300	43 6	3	780	26.1	2	520	17.4
Lchr, grenade, 40-mm: M203	1,184	750	32	37,888	14 2	19	22,496	8 4	27	31,968	12.0	15	17,760	6.7	8	9,472	3.6
Lchr, rkt, acft, 2.75-in, M158A1	36	27.00	42	1,512	20.4	25	900	12.1	35	1,260	17.0	19	684	9.2	11	396	5.3
Lchr, rkt, acft, 2.75-in, 19-tube, M159	12	27.00	114	1,368	18.5	68	816	11.0	95	1,140	15.4	51	612	8.2	29	348	4.7
Lchr, rkt, acft, 2.75-in, 19-tube (repairable) M200A1	60	27.00	114	6,840	92.3	68	4,080	55.0	95	5,700	76.9	51	3,060	41.3	29	1,740	23.5
Lchr, rkt, multiple, 115-mm, M91	9	93 33	See note 2														
Lchr, rkt, 66-mm, M72 (LAW) see note 3.	2,400	7 80	N/A	700	2 7	N/A	455	1 7	N/A	595	2.3	N/A	301	1.2	N/A	175	0.7
Lchr, rkt, 66-mm, 4-tube, M202, A1	92	8 75	16	1,472	6 4	10	920	4 0	14	1,288	5.6	7	644	2.8	4	368	1.6
Lchr, tubular, GM (TOW)	162	87.00	16	2,159	112 7	10	1,620	70 5	14	2,268	98.6	7	1,134	49.3	4	648	28.2
Machinegun, .50 cal, M2	349	.395	263	91,787	18.1	159	55,491	11.0	219	76,431	15.1	120	41,880	8.3	67	23,383	4.6
Machinegun, 7.62-mm, M60	687	.093	649	445,863	10.7	393	269,991	12.6	541	371,667	17.3	295	202,665	9.4	164	112,668	5.2
Machinegun, 7.62-mm, six barrels, M134	27	.093	6,000	162,000	7.5	3,600	97,200	4.5	4,980	13,446	6.3	2,698	72,603	3.4	1,500	40,500	1.9
Mortar, 81-mm, M29, A1	81	17.32	145	11,745	101.7	88	7,128	61.7	121	9,801	84.9	66	5,346	46.3	37	2,997	26.0
Mortar, 4.2-in, M24, A1	43	40.00	163	7,009	140.2	99	4,257	85.1	136	5,848	117.0	74	3,182	63.6	41	1,763	35.3
Rifle, 5.56-mm, M16A1	14,261	.042	148	2,110,628	44.3	90	1,283,490	26.9	124	1,768,364	37.1	67	955,487	20.0	38	541,918	11.4
Rifle, recoilless, 90-mm, M67	8	27.50	18	144	1.9	11	88	1.2	15	120	1.7	8	64	.9	5	40	.6
Submachinegun, .45 cal, M3, A1	159	.056	44	7,348	.2	27	4,509	1	37	6,179	.2	20	4,843	.1	11	1,837	.1
Tank, combat, full-tracked, 105-mm gun: M60, A1	54	62.78	78	4,212	132.2	47	2,538	79 7	65	3,510	110.2	35	1,890	59.3	20	1,080	33.9
Infantry division total (STON)					1,463.5			922.7			1,271.2			648.2			387.5

Table 3–27. Ammunition Per Type Unit Per Weapon Per Day Expressed in Rounds and STON—Continued

Weapon	No of wpns	Packed wt/rd	Defense of position						Attack of position/deliberately organized						Protracted period		
			First day			Succeeding days			First day			Succeeding days					
			Rds/wpn	Total rds	STON	Rds/wpn	Total rds	STON	Rds/wpn	Total rds	STON	Rds/wpn	Total rds	STON	Rds/wpn	Total rds	STON
							Part C. Mechanized Division										
Mechanized Division																	
Armament Pod, acft, 7.62-mm mg, M18, A1	6	.093	6,000	36,000	1.7	3,600	21,600	1.0	4,980	29,880	1.4	2,689	16,134	.8	1,500	9,000	.4
Armament subsystem, helicopter, 20-mm auto gun, M35	4	.80	3,000	12,000	4.8	1,800	7,200	2.9	2,490	9,960	4.0	1,345	5,380	2.2	750	3,000	1.2
Armament subsystem, helicopter, 7.62-mm, M23	13	.093	840	10,920	.5	509	6,617	.3	700	9,100	.4	382	4,966	.2	213	2,769	.1
Armament subsystem, helicopter																	
7.62-mm mg	9	.093	2,250	20,250	.9	1,350	12,150	.6	1,868	16,812	.8	1,009	9,081	.4	563	5,067	.2
40-mm lchr	9	.750	321	2,889	1.1	193	1,737	.7	266	2,394	.9	144	1,296	.5	80	720	.3
Hi rate, M28, A1																	
Armored reconnaissance airborne assault vehicle, M551																	
Ctg, 152-mm	27	60.00	9	243	7 3	5	135	4.1	7	189	5.7	4	108	3.2	2	54	1.6
SI8 (Shillelagh)	27	120.00	18	486	29.2	11	297	17.8	18	432	25.9	8	216	13.0	4	108	6.5
Gun, ADA, SP, 20-mm, M163	24	1.00	6,000	144,000	72.0	3,600	86,400	43.2	4,980	119,520	59.8	2,689	64,536	32.3	1,500	36,000	18.0
Howitzer, 155-mm, SP, M109	54	103.04	231	12,474	642.7	140	7,560	389.5	192	10,368	534.2	105	5,670	292.1	58	3,132	161.4
Howitzer, 8-in, SP, M110	12	211.00	143	1,716	181 0	87	1,044	110 1	119	1,428	150.7	65	780	82.3	36	432	45.6
Lchr, GM, M222 (Dragon)	256	67.00	6	1,536	51.5	4	1,024	34 3	5	1,280	42.9	3	768	25.7	2	512	17.2
Lchr, grenade, 40-mm, M203	1,113	.750	32	35,616	13 4	19	21,147	8 0	27	30,051	11.3	15	16,695	6.3	8	8,904	3.3
Lchr, rkt acft, 2.75-in, M158A1	12	27.00	42	504	6.8	25	300	4.1	35	420	5.7	19	228	3.1	11	132	1.8
Lchr, rkt, acft, 2.75-in, 19-tube (repairable), M200A1	20	27.00	114	2,280	30.8	68	1,360	18.4	95	1,900	25.6	51	1,020	13.8	29	580	7.8
Lchr, rkt, multiple, 115-mm, M91	9	93 33	See note 2														
Lchr, rkt, 66-mm, M72 (LAW) see note 3.	2,400	7.80	N/A	700	2 7	N/A	455	1 7	N/A	595	2.3	N/A	301	1.2	N/A	175	0.7
Lchr, rkt, 66-mm, 4-tube, M202, A1	84	8.75	16	1,344	5.9	10	840	3 7	14	1,176	5.1	7	588	2.6	4	336	1.5
Lchr, tubular, GM (TOW)	108	86.00	16	1,728	75 2	10	1,080	47.0	14	1,512	65.8	7	756	32.9	4	432	18.8
Machinegun, .50 cal, M2	1,100	.395	263	289,300	57.1	159	174,900	34.5	219	240,900	47.6	120	132,000	26.0	67	73,700	14.6
Machinegun, 7.62-mm, M60	619	.093	649	401,731	18 7	393	243,267	11.3	541	334,879	15.6	295	182,605	8.5	164	101,516	4.7
Machinegun, 7.62-mm, 6-barrel, M134	15	.093	6,000	90,000	4.2	3,600	54,000	2.5	4,980	74,700	3.5	2,689	40,335	1.9	1,500	22,500	1.0
Mortar, 81-mm, M29, A1	54	17.32	145	7,830	67.8	88	4,752	41 2	121	6,534	56.6	66	3,564	30.9	37	1,998	17.3
Mortar, 4.2-in, M24, A1	49	40.0	163	7,987	159.7	99	4,851	97.0	136	6,664	133.3	74	3,626	62.5	41	2,009	40.2
Rifle, 5.56-mm M16, A1	13,380	.042	148	1,980,240	41.6	90	1,204,200	25.3	124	1,659.120	34.8	67	896,460	18.8	38	508,440	10.7
Rifle, recoilless, 90-mm, M67	8	27.50	18	144	1.9	11	88	1.2	15	120	1 7	8	64	.9	5	40	.6
Submachinegun, .45 cal, M3, A1	673	.056	44	29,612	.8	27	18,171	.5	37	24,901	.7	20	13,460	.4	11	7,403	.2
Tank, combat, full-tracked, 105-mm gun, M60, A1	216	62.78	78	16,848	528.9	47	10,152	318.7	65	14,040	440.7	35	7,560	237.3	20	4,320	135.6
Mechanized division total (STON)					2,008.2			1,219.6			1,677.0			909.8			511.3

Table 3-27. Ammunition Per Type Unit Per Weapon Per Day Expressed in Rounds and STON—Continued

Weapon	No of wpns	Packed wt/rd	Defense of position						Attack of position/deliberately organized						Protracted period		
			First day			Succeeding days			First day			Succeeding days					
			Rds/wpn	Total rds	STON	Rds/wpn	Total rds	STON	Rds/wpn	Total rds	STON	Rds/wpn	Total rds	STON	Rds/wpn	Total rds	STON
Part D. Airborne Division																	
Airborne Division																	
Armament pod, acft, 7.62-mm mg, M18, A1	22	093	6,000	132,000	6.1	3,600	79,200	3 7	4,980	109,560	5.1	2,689	59,158	2.8	1,500	33,000	1.5
Armament subsystem, helicopter, 20-mm auto-gun, M35	14	.80	3,000	42,000	16.8	1,800	25,200	10 1	2,490	34,860	13.9	1,345	18,830	7.5	750	10,500	4.2
Armament subsystem, helicopter, 7.62-mm mg, lt, M23	65	.093	840	54,600	2 5	509	33,085	1 5	700	45,500	2.1	382	24,830	1.2	2.3	13,845	.6
Armament subsystem, helicopter																	
7.62-mm mg	33	.093	2,250	74,250	3.5	1,350	44,550	2.1	1,868	61,644	2.9	1,009	33,297	1.6	563	18,579	.9
40-mm lchr	33	750	321	10,593	4 0	193	6,369	2.4	266	8,778	3.3	144	4,752	1.8	80	2,640	1.0
Hi rate, M28, A1																	
Armored reconnaissance airborne assault vehicle, M551																	
Ctg, 152-mm	54	60.00	9	486	14.6	5	270	8 1	7	378	11 3	4	216	6.5	2	108	3.2
SIB (Shillelagh)	54	120.00	18	972	58 3	11	594	35 6	16	864	51 8	8	432	25.9	4	216	12.9
Gun, ADA, towed, 20-mm, M167	48	1 00	4,000	192,000	96 0	2,400	115,200	57.6	3,320	159,360	79.7	1,793	86,064	43 0	1,000	48,000	24.0
Howitzer, 105-mm, towed, M102	54	65 00	200	10,800	351 0	121	6,534	212 4	167	9,018	293.1	91	4,914	159.7	51	2,754	89.5
Lchr, GM, M222 (Oragon)	243	67 00	6	1,458	48 8	4	972	32 6	5	1,215	40 7	3	729	24.4	2	486	16.3
Lchr, grenade, 40-mm, M203	1,155	750	32	36,960	13 9	19	21,945	8 2	27	31,185	11 7	15	17,325	6.5	8	9,240	3.5
Lchr, rkt, acft, 2.75-in, M158, A1	42	27.00	42	1,764	23.8	25	1,050	14.2	35	1,470	19.8	19	798	10.8	11	462	6.2
Lchr, rkt, acft, 2.75-in, 19-tube (repairable), M20091	68	27.00	114	7,752	104.1	68	4,624	62.4	95	6,460	87.2	51	3,468	46.8	29	1,972	26.6
Lchr, rkt, 66-mm, M72 (LAW) see note 3.	2,400	7.80	N/A	700	2 7	N/A	455	1 7	N/A	595	2.3	N/A	301	1.2	N/A	175	0.7
Lchr, rkt, 66-mm, 4-tube, M202, A1	65	8.75	16	1,040	4.6	10	650	2 8	14	910	4.0	7	455	2.0	4	260	1.1
Lchr, tubular, GM (TOW)	114	87.00	16	1,824	79.4	10	1,140	49.6	14	1,596	69 4	7	798	34.7	4	456	19.8
Machinegun, .50 cal, M2	94	.395	293	24,722	4.9	159	14,946	3.0	219	20,586	4.1	120	11,280	2.2	67	6,298	1.2
Machinegun, 7.62-mm, M60	680	.093	649	441,320	20.5	393	267,240	12.4	541	367,880	17.1	295	200,600	9.3	164	111,520	5.2
Machinegun, 7.62-mm, six-barrels, M134	55	.093	6,000	330,000	15 4	3,600	198,000	9.2	4,980	273,900	12.7	2,689	147,895	6.9	1,500	32,500	3.8
Mortar, 81-mm, M29, A1	84	17.32	145	12,180	105.5	88	7,392	64.0	121	10,164	88.0	66	5,544	48.0	37	3,108	27.0
Mortar, 4.2-in, M24, A1	36	40.00	163	5,868	117.4	99	3,564	71.3	136	4,896	97.9	74	2,664	53.2	41	1,476	29.5
Rifle, 5.56-mm: M16A1	13,032	.042	148	1,928,736	40.5	90	1,172,880	24.6	124	1,615,986	33.9	67	873,144	18.3	38	495,216	10.4
Submachinegun, .45 cal, M3, A1	108	.056	44	4,752	.1	27	2,916	.1	37	3,996	.1	20	2,160	.1	11	1,188	.1
Airborne division total (STON)					1,134.9			689.6			952.1			514.4			343.2

Table 3–27. Ammunition Per Type Unit Per Weapon Per Day Expressed in Rounds and STON—Continued

Weapon	No of wpns	Packed wt/rd	Defense of position						Attack of position/deliberately organized						Protracted period		
			First day			Succeeding days			First day			Succeeding days					
			Rds/wpn	Total rds	STON	Rds/wpn	Total rds	STON	Rds/wpn	Total rds	STON	Rds/wpn	Total rds	STON	Rds/wpn	Total rds	STON
Part E. Air Assault Division																	
Air Assault Division																	
Armament pod, acft, 7.62-mm mg, M18, A1	78	.093	6,000	468,000	21.8	3,600	280,800	13.1	4,980	388,440	18.1	2,689	209,742	9.8	1,500	117,000	5.4
Armament subsystem, helicopter, 20-mm, auto-gun, M35	20	.80	3,000	60,000	24.0	1,800	36,000	14 4	2,490	49,800	19.9	1,345	26,900	10.8	750	15,000	6.0
Armament subsystem, helicopter, 7.62-mm mg, lt, M23	188	.093	840	157,920	7 3	509	95,692	4 5	700	131,600	6.1	382	71,816	3.3	213	40,044	1.9
Armament subsystem, helicopter																	
7.62-mm	87	.093	2,250	195,750	9 1	1,350	117,450	5.5	1,868	162,516	7.6	1,009	87,783	4.1	563	48,981	2.3
40-mm lchr	87	750	321	27,927	10 5	193	16,791	6.3	266	23,142	8.7	144	12,528	4.7	80	6,960	2.6
Hi rate, M28, A1																	
Gun, ADA, towed, 20-mm, M167	48	1.00	4,000	192,000	96 0	2,400	115,200	57 6	3,320	159,360	79.7	1,793	86,064	43.0	1,000	48,000	24.0
Howitzer, 105-mm, towed, M102	54	65.00	200	10,800	351 0	121	6,534	212.4	167	9,018	293.1	91	4,914	159.7	51	2,754	89.5
Howitzer, 155-mm, towed, M114	18	103.04	231	4,158	214 2	140	2,520	129 8	192	3,456	178.1	105	1,890	97.4	58	1,044	53.8
Lchr, GM, M222 (Dragon)	243	67.00	6	1,458	48 8	4	972	32 6	5	1,215	40.7	3	729	24.4	2	486	16.3
Lchr, grenade, 40-mm, M203	1,200	750	32	38,400	14 4	19	22,800	8 6	27	32,400	12 2	15	18,000	6.8	8	9,600	3.6
Lchr, rkt, acft, 2.75-in, M158A1	80	27.00	42	3,360	45.4	25	2,000	27.0	35	2,800	37.8	19	1,520	20.5	11	880	11.9
Lchr, rkt, acft, 2.75-in, 19-tube (repairable), M200A1	216	27.00	114	24,624	332.4	68	14,688	198.3	95	20,520	277.0	51	11,016	148.7	29	6,264	84.5
Lchr, rkt, 66-mm, M72 (LAW) see note 3.	24,400	7 80	N/A	700	2 7	N/A	455	1 7	N/A	595	2 3	N/A	301	1.2	N/A	175	0.7
Lchr, rkt, 66-mm, 4-tube, M202, A1	87	8 75	16	1,392	6 1	10	870	3 8	14	1,218	5.3	7	609	2.7	4	348	1.5
Lchr, tubular, GM (TOW)	168	87.00	16	2,688	116.9	10	1,680	73 1	14	2,352	102.3	7	1,176	51.2	4	672	29.2
Machinegun, .50 cal, M2	13	395	263	3,419	7	159	2,067	4	219	2,847	6	120	1,560	.3	67	871	.2
Machinegun, 7.62-mm, M60	1,095	.093	649	710,655	33 0	393	430,335	20 0	541	592,395	27.5	295	323,025	15.0	164	179,580	8.4
Machinegun, 7.62-mm, six barrels, M134	165	093	6,000	990,000	46 0	3,600	594,000	27.6	4,980	821,700	38.2	2,689	443,685	20.6	1,500	247,500	11.5
Mortar, 81-mm: M29, A1	120	17.32	145	17,400	150 7	88	10,560	91.4	121	14,520	125.7	66	7,920	68.6	37	4,440	38.5
Rifle, 5.56-mm: M16, A1	15,277	.042	148	2,260,996	47.5	90	1,374,930	28.9	124	1,894,348	39.8	67	1,023,559	21.5	38	580,526	12.2
Rifle, recoilless, 90-mm, M67	7	27 50	18	126	1.7	11	77	1.1	15	105	1.4	8	56	.8	5	35	.5
Air assault division total (STON)					1,580.2			958.1			1,322.1			745.1			404.5

NOTES: 1. The rates depicted in this table represent those rates experienced by 25 to 50 percent of the weapons of a force of division size or smaller firing at the higher average rates of fire for a heavy level of commitment. Table 3–30 provides rates of fire per weapon per day by heavy, moderate and light levels of commitment for all the weapons of the force

2. Toxic munitions will not be requisitioned.

3. This is a disposal weapon system, replaced as required. The number of weapons (2,400) is an average for all division bases

Table 3–28. Expenditures in Rounds Per Weapon Per Hour

1	1 Kind of fire or phase of action	2 Average rate per weapon per hour 105-mm	3 155-mm	4 175-mm	5 8-in.
2	Advance guard action, development, and deployment	25	12	8	8
3	Preparation	80	25	28	25
	Supporting fires during the attack (including counterbattery):				
4	First 2 hours	50	25	28	25
5	After 2 hours	30	15	17	15
6	Exploitation, pursuit, delaying action, or delaying enemy development	25	12	16	12
7	Counterpreparation	60	25	28	25
8	Defensive fires against infantry attack (including counterbattery)	50	25	28	25
9	Fortified position	50	25	28	25

Table 3–29. Expenditures in STON Per Battalion Per Hour

1	1 Kind of fire or phase of action	2 Average rate per weapon per hour 105-mm	3 155-mm	4 175-mm	5 8-in.
2	Advance guard action, development, and deployment	11.02	12.35	9.96	9.96
3	Preparation	35.28	25.87	35.37	33.78
	Supporting fires during the attack (including counterbattery):				
4	First 2 hours	22.05	25.87	35.37	33.78
5	After 2 hours	13.22	15.52	21.55	20.00
6	Exploitation, pursuit, delaying action, or delaying enemy development	11.02	12.52	20.24	16 17
7	Counterpreparation	26.46	25.87	35.37	33 78
8	Defensive fires against infantry attack (including counterbattery)	22.05	25.87	35.37	33.78

Table 3–30. Ammunition in Rounds Per Weapon Per Day and Short Tons Per Day by Level of Commitment For All Types of Divisions

	1	2	3		4		5		6		7		8		9	
	Weapon	Level of Commitment	Defense of Position				Attack of Position /Deliberately Organized				Protracted Period[2]		Reserve		Training	
			First Day		Succeeding Days[1]		First Day		Succeeding Days							
			Rounds	STONS[3]	Rounds	STONS	Rounds	STONS	Rounds	STONS	Rounds	STONS	Rounds	STONS	Rounds	STONS
1.	Armament pod, acft, 7.62mm MG. M18	Heavy	4,800	0.22	2,880	0 13	3,984	0.18	2,151	0 01	1,200	0 06	180	0 008		
		Moderate	2,700	0.13	1,620	0.08	2,241	0.10	1,210	0.06	675	0.03	101	0.005		
		Light	900	0.04	540	0.03	747	0 03	403	0.02	225	0.01	34	0.002		
2	Armament subsystem, heli, 20mm auto gun M35	Heavy	2,400	0.96	1,440	0.58	1,992	0.79	1,076	0 43	600	0.24	90	0.036		
		Moderate	1,350	0.54	810	0.32	1,120	0.45	605	0.24	338	0 14	51	0.020		
		Light	450	0 18	270	0 11	373	0.15	202	0 08	113	0.05	17	0.007		
3.	Armament subsystem, heli, 7.62mm MG. It M23	Heavy	672	0.03	407	0.02	560	0.03	306	0.01	170	0.008	26	0.001		
		Moderate	378	0.02	229	0.01	315	0 01	172	0.008	96	0.004	14	0.0006		
		Light	126	0.006	76	0.004	105	0.005	57	0.003	32	0.001	5	0.0002		
4.	Armament subsystem, heli, 7.62mm MG/40 mm lchr hi rate. M28A1	Heavy	1,800/257	0.08/0.09	1,080/154	0 05/0.06	1,494/212	0.07/0 08	807/115	0 04/0 04	450/64	0 02/0.02	68/10	0.003/0.004	/___	/___
		Moderate	1,013/144	0.05/0.05	608/87	0.03/0.03	841/120	0 04/0.04	454/65	0.02/0.02	253/36	0.01/0.01	38/5	0.002/0.002	/___	/___
		Light	338/48	0.02/0 01	203/29	0 01/0.01	280/40	0.01/0 01	151/22	0.01/0.01	84/12	0.003/0.004	13/2	0.0006/0.0007	/___	/___
5.	Armored reconnaissance airborne assault vehicle. M551 Ctg 152mm/ S1B (Shillelagh)	Heavy	7/14	0.2/0.8	4/9	0.1/0.5	6/13	0 2/0 8	3/6	0.1/0 4	2/3	0 06/0.2	0.3/0.5	0.01/0.03	/___	/___
		Moderate	4/8	0 1/0.5	2/5	0 06/0 3	3/7	0 1/0.4	2/4	0 06/0.2	1/2	0.03/0.1	0.2/0.3	0.006/0.02	/___	/___
		Light	1/3	0.03/0.2	1/2	0 03/0.1	1/2	0.03/0.1	1/1	0.03/0.06	1/1	0.03/0 06	0.1/0.2	0 003/0.01	/___	/___
6.	Gun, ADA, SP, 20mm. M163	Heavy	4,800	2,4	2,880	1 4	3,984	2 0	2,151	1 1	1,200	0 6	180	0.09		
		Moderate	2,700	1.4	1,620	0.8	2,241	1 1	1,210	0.6	675	0.3	101	0.05		
		Light	900	0.5	540	0 3	747	0.4	403	0 2	225	0 1	34	0 01		
7	Gun, FA, SP, 175mm M107	Heavy	114	9 0	69	5.5	95	7 5	52	4.1	29	2 3	5	0 4		
		Moderate	75	5.9	44	3 5	62	4.9	34	2.7	19	1.5	3	0.2		
		Light	40	3.2	24	1 9	34	2 7	18	1 4	11	0.9	2	0.1		
8	Howitzer, 105 mm, towed M102	Heavy	200	6 5	121	3.9	167	5.4	91	3.0	51	1 7	8	0.3		
		Moderate	130	4 2	79	2.6	109	3 5	59	1.9	33	1.1	5	0 2		
		Light	70	2.3	42	1.4	58	1.9	32	1.0	18	0.6	3	0 1		
9	Howitzer, 155 mm, towed & SP M114 & M109	Heavy	231	11 9	140	7 2	192	9.9	105	5.4	58	3 0	9	0 5		
		Moderate	150	7.7	91	4.7	125	6 4	68	3 5	38	1 9	6	0 3		
		Light	81	4 2	49	2.5	67	3.5	37	1 9	20	1.0	3	0.2		

Table 3–30. Ammunition in Rounds Per Weapon Per Day and Short Tons Per Day by Level of Commitment For All Types of Divisions—Continued

	1	2	3		4		5		6		7		8		9	
	Weapon	Level of Commitment	Defense of Position				Attack of Position/Deliberately Organized				Protracted Period[2]		Reserve		Training	
			First Day		Succeeding Days[1]		First Day		Succeeding Days							
			Rounds	STONS[3]	Rounds	STONS	Rounds	STONS	Rounds	STONS	Rounds	STONS	Rounds	STONS	Rounds	STONS
10.	Howitzer, 8 in SP: M110	Heavy	143	15.1	87	9.2	119	12.6	65	6 9	36	3.8	5	0.5		
		Moderate	93	9.8	57	6 0	77	8.1	42	4.4	23	2.4	3	0.3		
		Light	50	5.3	30	3 2	42	4.4	23	2.4	13	1.4	2	0.2		
11.	Launcher, grenade, 40mm: M203	Heavy	26	0.009	15	0.006	22	0.008	12	0.005	6	0.002	1	0.0004		
		Moderate	14	0.005	9	0.003	12	0.005	7	0.003	4	0.001	0.6	0.0002		
		Light	5	0.002	3	0.001	4	0 001	2	0.0007	1	0.0004	0.2	0.0001		
12.	Launcher, GM, M222 (Dragon	Heavy	5	0.17	3	0 10	4	0 13	2	0.07	1	0.03	0 17	0.006		
		Moderate	3	0.10	2	0.07	2	0.07	1	0.03	0.7	0.023	0.12	0.004		
		Light	1	0.03	1	0.03	1	0 03	0.5	0 016	0.3	0.010	0.05	0.002		
13.	Launcher, rkt, acft, 2.75 in: M158A41	Heavy	34	0.45	20	0.27	28	0.38	15	0 20	9	0.12	2	0.02		
		Moderate	19	0.26	11	0.15	16	0.22	9	0.12	5	0.07	1	0.01		
		Light	6	0.08	4	0.05	5	0.07	3	0.04	2	0.02	0.3	0.004		
14.	Launcher, rkt, acft, 2.75 in, 19 tube (repairable): M200A1	Heavy	91	1.22	54	0.72	76	1 02	41	0.55	23	0 31	3	0.04		
		Moderate	51	0.68	31	0.42	43	0.58	23	0.31	13	0.18	2	0.02		
		Light	17	0.23	10	0.14	14	0.19	8	0.11	4	0.05	0.6	0.008		
15.	Launcher, rkt, multiple, 115mm M91 See Note 4.	Heavy	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		Moderate	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		Light	--	--	--	--	--	--	--	--	--	--	--	--	--	--
16.	Launcher, rkt, 66mm 4 tube M202	Heavy	13	0.056	8	0.035	11	0 048	6	0 026	3	0.013	0.5	0.002		
		Moderate	7	0.030	5	0.022	6	0.026	3	0.013	2	0.009	0.3	0.001		
		Light	3	0.013	2	0.009	2	0 009	1	0.004	0.6	0.003	0.2	0.0009		
17.	Launcher, rkt, 66mm. M72 (LAW)	Heavy	560	2.18	364	1.42	476	1.86	240	0.94	140	0.55	21	0.08		
		Moderate	315	1.23	204	0 80	268	1.05	135	0.53	79	0.31	12	0.05		
		Light	105	0.40	68	0.27	89	0 35	45	0.18	26	0.10	4	0 02		
18.	Launcher, tubular, GM· TOW	Heavy	13	0.56	8	0 35	11	0.48	6	0.26	3	0.13	0.5	0 02		
		Moderate	7	0.30	5	0.22	6	0.26	3	0.13	2	0.09	0.3	0.01		
		Light	2	0.09	2	0 09	2	0.09	1	0.04	1	0.04	0.2	0.008		

Table 3–30. Ammunition in Rounds Per Weapon Per Day and Short Tons Per Day by Level of Commitment For All Types of Divisions–Continued

	1	2	3		4		5		6		7		8		9	
	Weapon	Level of Commitment	Defense of Position				Attack of Position/Deliberately Organized				Protracted Period[2]		Reserve		Training	
			First Day		Succeeding Days[1]		First Day		Succeeding Days							
			Rounds	STONS[3]	Rounds	STONS	Rounds	STONS	Rounds	STONS	Rounds	STONS	Rounds	STONS	Rounds	STONS
19.	Machinegun, .50 Cal. M2	Heavy	210	0.041	127	0.025	175	0.034	96	0.018	54	0.010	8	0 0015		
		Moderate	118	0.023	72	0.014	99	0.019	54	0.010	30	0.006	5	0.0009		
		Light	39	0.007	24	0 005	33	0.006	18	0.003	10	0 002	2	0.0004		
20	Machinegun, 7.62mm: M60	Heavy	519	0.024	314	0.015	433	0.02	236	0.011	131	0.006	20	0 001		
		Moderate	292	0.013	177	0.008	243	0.011	133	0 006	74	0.003	11	0.0005		
		Light	97	0.005	59	0 003	81	0.004	44	0.002	25	0.001	4	0.0002		
21.	Machinegun, 7.62mm, six barrels: M134	Heavy	4,800	0 22	2,880	0.13	3,984	0.18	2,151	0.10	1,200	0 06	180	0.008		
		Moderate	2,700	0 13	1,620	0.08	2,241	0 10	1,210	0 06	675	0.03	101	0.005		
		Light	900	0.04	540	0.03	747	0.03	403	0.02	225	0.01	34	0.002		
22.	Mortar, 81mm: M29A1	Heavy	116	1.0	70	0 61	97	0.84	53	0.46	30	0.26	5	0.04		
		Moderate	65	0.56	40	0.35	54	0 47	30	0 26	17	0 15	3	0.03		
		Light	22	0.19	13	0 11	18	0.16	10	0.09	6	0.05	1	0.01		
23.	Mortar, 4.2 in: M24A1	Heavy	130	2.60	79	1.58	109	2.18	59	1 18	33	0.66	5	0.10		
		Moderate	73	1.46	45	0 90	61	1 22	33	0.66	18	0.36	3	0.06		
		Light	24	0.48	15	0.30	20	0.40	11	0.22	6	0.12	1	0.02		
24.	Rifle, 5.56mm: M16A1	Heavy	118	0 0024	72	0.0015	99	0.0020	54	0.0011	30	0.0006	5	0.0001		
		Moderate	67	0.0014	40	0 0008	56	0.0011	30	0.0006	17	0.0003	3	0 00006		
		Light	22	0.0004	13	0.0002	19	0.0003	10	0.0002	6	0.0001	1	0.00002		
25.	Rifle, recoilless, 90mm. M67	Heavy	14	0.19	9	0.12	12	0 16	6	0 08	4	0.05	0.6	0 008		
		Moderate	8	0.11	5	0 07	7	0.09	4	0.05	2	0.03	0.3	0.004		
		Light	3	0.04	2	0.03	2	0.03	1	0.01	1	0.01	0.2	0.003		
26.	Submachinegun, .45 Cal. M3A1	Heavy	35	0.00098	22	0 00061	30	0.00084	16	0.00044	9	0.00025	1	0.00002		
		Moderate	20	0.00056	12	0.00033	17	0.00047	9	0.00025	5	0.00014	1	0.00002		
		Light	7	0.00019	4	0.00011	6	0.00016	3	0 00008	2	0.00005	0.3	0 000008		
27.	Tank, combat, full tracked, 105 mm gun M60A1	Heavy	62	1.95	38	1.19	52	1 63	28	0.88	16	0 50	2	0 06		
		Moderate	35	1.10	21	0.66	29	0 91	16	0.50	9	0.28	1	0 03		
		Light	12	0.38	7	0.22	10	0.31	5	0.16	2	0.06	0.3	0.01		

Table 3–30. Ammunition in Rounds Per Weapon Per Day and Short Tons Per Day by Level of Commitment For All Types of Divisions–Continued

NOTES: 1. The First Day represents the first 24 hours of the engagement and succeeding days represent the second and third days of active engagement.
2. Protracted period provides the ammunition expenditures for day five through termination of the engagement/operation.
3. Packed wt/rd from Table 3–28.
4. For toxic munitions. Toxic munitions will not be requisitioned.

basic loads for an infantry unit and for a field artillery unit.

d. Characteristics of Chemical Agents and Systems. Table 3—25 provides data on characteristics of chemical agents, riot control agents, smoke, and incendiaries. Table 3—26 provides data on the characteristics of chemical munitions.

e. *Estimated Expenditures of Ammunition.*

(1) Tables 3—27 and 3—30 are designed to provide the planner with ammunition consumption in rounds and STONS. Table 3—27 presents data for the armored, infantry, mechanized, airborne, and air assault divisions for operations in defense of position, attack of position/deliberately organized, and protracted period. The rates depicted in table 3—27 represent those rates experienced by 25 to 50 percent of the weapons of a force of division size or smaller firing at the higher average rates of fire for a heavy level of commitment. Table 3—30 provides rates of fire per weapon per day by heavy, moderate and light levels of commitment for all the weapons of the force.

(2) The defense of position and attack of position/deliberately organized are both divided into two time periods, first day and succeeding days. The first day time period represents the first 24-hour time period of engagement and succeeding days time period represents the second and third day of active engagement.

(3) Protracted period provides the ammunition expenditures for day five through termination of engagement/operation.

(4) Day four expenditures occur in the transition phase from succeeding days to protracted period and may be computed by the planner by arriving at an assumed or computed estimate of decreased consumption between the succeeding days and protracted period.

(5) Table 3—27 may also be used for estimating the ammunition expenditures per weapon for divisions in operations not stated in the table. With the percentiles given, the following operations may be computed:

(a) Attack of position/permanent fortification:

1. First day—100 percent of attack of position/deliberately organized (first day).

2. Succeeding days—200 percent of protracted period.

(b) Attack of position/hastily organized—100 percent of defense of position (succeeding days).

(c) Covering and security force action—200 percent of protracted period.

(d) Inactive situation—80 percent of protracted period.

(e) Meeting engagement—200 percent of protracted period.

(f) Pursuit—40 percent of protracted period.

(g) Retirement or deploying action—59 percent of defense of position (succeeding days).

(h) Assault of hostile shore—100 percent of defense of position (succeeding days).

(6) Estimating expenditure for separate brigades can be accomplished by utilizing the expenditure rates provided in the table for the various weapons and multiplying them by the type and number of weapons present in the brigade. The only factor that changes in the table is the number of weapons, all other percentiles remain the same as those for the division.

(7) Field artillery ammunition expenditures.

(a) Table 3—28 shows the average rate of expenditure per weapon per hour for various types of field artillery rounds in division and corps units.

(b) Table 3—29 shows the STON expended per hour by division and corps artillery battalions. The figures in columns 2, 3, and 5 are derived from World War II experience and may require modification to fit current weapons and tactics.

f. Terminology and Definitions. Intensities of conflict terminology and definitions not defined in AR 310–25.

(1) Types of war:

(a) General war—Defined in AR 310–25.

(b) Limited war—Defined in AR 310–25.

(c) Cold war—Defined in AR 310–25.

(2) Intensities of conflict:

(a) High intensity conflict. War between two or more nations and their respective allies, if any, in which the belligerents employ the most modern technology and all resources in intelligence; mobility; firepower (to include nuclear, chemical, and biological weapons); command, control, and communications; and service support.

(b) Mid-intensity conflict. War between two or more nations and their respective allies, if any, in which the belligerents employ the most modern technology and all resources in intelligence; mobility; firepower (excluding nuclear, chemical, and biological weapons); command, control, and communications; and service support; for limited objectives under definitive policy limitations as to the extent of destructive power that can be employed or the extent of geographic area that might be involved.

(c) Low intensity conflict (type A). Internal defense and development assistance operations involving actions by US combat forces to establish, regain, or maintain control of specific land areas threatened by guerrilla warfare, revolution, subversion, or other tactics aimed at internal seizure of power.

(d) Low intensity conflict (type B). Internal defense and development assistance operations involving US advice, combat support, and combat service support for indigenous or allied forces engaged in establishing, regaining, or maintaining control of specific land areas threatened by guerrilla warfare, revolution, subversion, or other tactics aimed at internal seizure of power.

(3) Levels of commitment:

(a) Heavy level of commitment. Friendly force operations involving more than 60 percent of all force maneuver echelons and all fire support means engaged in all-out combat demanding total strength application over a period of time to include possible commitment of next higher echelon resources to insure accomplishment of the friendly force mission.

(b) Moderate level of commitment. Friendly force operations involving 30–60 percent of all force maneuver echelons and over 50 percent of all fire support means engaged in continuous combat over a period of time, during which commitment of next higher echelon resources to insure accomplishment of the friendly force mission is not anticipated.

(c) Light level of commitment. Friendly force operations involving less than 30 percent of all force maneuver echelons and less than 50 percent of fire support means engaged in sporadic combat over a period of time during which commitment of next higher echelon resources to insure accomplishment of the friendly force mission will not be required.

(d) Reserve. Defined in AR 310–25.

(e) Noncommitted force. A friendly force not yet committed to combat or one withdrawn from a higher level of commitment for one or more reasons such as excessive losses, need for retraining, or requirement for reassignment. Such a force may require replacement of personnel and equipment to bring it to authorized level of organization (ALO).

more closely approximate the actual ACL. A lighter organization would tend to cube-out before approaching the ACL. Thus, experience in deploying Army forces permits the AF to establish ACL planning factors (ACL-PF) for each type unit to be moved. Using these ACL-PF (tables 4—2 and 4—3), we can more closely approximate actual airlift requirements, although it is still less accurate than the type load method. Once we know the total passengers, bulk cargo (STON) to be moved, the outsize cargo (STON) (transportable in C—5 only), and the number of passengers who can accompany cargo, we can use the following procedure to determine airlift requirements.

Modified weight method estimate formula

$$\frac{\text{Outsize cargo (STON)}}{\text{C—5 ACL (PF)}} = \text{C—5 sorties}$$

$$\frac{\text{Bulk cargo (STON)}}{\text{C—141 ACL (PF)}} = \text{C—141 sorties}$$

(C—5 sorties X acmp pax) + (C—141 sorties X acmp pax) = Total accomp pax

(4) These computations incorporate the fundamental approach to gross airlift estimates. Initially plan to use C—5 aircraft to move only the cargo which cannot move by other air means. Initially move all other cargo in C—141. Subsequent adjustments can be made.

Example Computation

Passengers	— 14,128
Bulk cargo	— 11,384 STON
Outsize cargo	— 1,585 STON
C—141 ACL (PF)	— 16.4 STON
C—5 ACL (PF)	— 61.0 STON

Step 1 — $\frac{11,384}{16.4}$ = 695 Sorties— C—141

Step 2 — $\frac{1,585}{61}$ = 26 Sorties — C—5

Step 3 — 695 X 14 = 9,730 — accompanying passengers C—141

26 X 73 = 1,898 — accompanying passengers C—5

Total 11,628 — accompany passengers

4–7. Motor Transport Operations

a. Motor transport operations in support of forces in a theater of operations (TO) are local or line haul movements.

(1) Local hauls are characterized by low running time in relation to loading and unloading time. These hauls normally involve a number of trips per day and are evaluated on the basis of tons moved during the operational period.

(2) Line hauls are characterized by high running time in relation to loading and unloading. These hauls normally involve one trip per operating shift or two trips per day.

b. For planning purposes, operating on a 24-hour basis, a medium truck company (TOE 55–18H) with 75 percent vehicle availability, at level 1, has the following capability when—

(1) Equipped with 40-foot combination container/cargo semitrailer, and with container loads compatible to the semitrailers, transport:

(a) In local haul operations, making 4 round trips per day (2 per operating shift) 180 40-foot containers, or 360 20-foot containers, or 4,500 STONS of cargo (25 STONS per semitrailers), or a combination thereof.

(b) In line haul operations, making 2 round trips per day (1 per operating shift), transport 90 40-foot containers, or 150 20-foot containers, or 2,250 STONS of cargo (25 STONS per semitrailer), or a combination thereof.

(2) Equipped with 20-foot combination container/cargo semitrailers, transport:

(a) In local haul operations, making 4 round trips per day (2 per operating shift) 180 20-foot containers, or 2,700 STONS of cargo (15 STONS per semitrailer), or a combination thereof.

(b) In line haul operations, making 2 round trips per day (one per operating shift), 90 20-foot containers, or 1,350 STONS of cargo (15 STONS per semitrailer), or a combination thereof.

(3) Equipped with 12-ton, 2-wheel, cargo semitrailers transport:

(a) In local haul operations, making 4 round trips per day (2 per operating shift), 2,160 STONS of cargo (12 STONS per semitrailer), or in an emergency, 9,000 passengers (50 per semitrailer).

(b) In line haul operations, making 2 round trips per day (1 per operating shift), 1,080 STONS of cargo (12 STONS per semitrailer) or, in an emergency, 4,500 passengers (50 per semitrailer).

c. See FM 55–30, *Army Motor Transport Operations*, for details on motor transport service in TO's.

4–8. Planning Factors

a. Because of the varied services performed, the different loads carried, and the different terrain over which motor transport operations are conducted, planning factors should be used with caution and applied only in the absence of specific data on the local situation. (For classified motor transport planning factors, see FM 101–10–3, *Organizational, Technical, and Logistical Data—Classified Data.)*

b. The following factors are used in motor transport planning for computing truck and truck company requirements in the absence of specific data:

(1) *Vehicle availability.* The average number of task vehicles not in maintenance and, therefore, available for daily operations out of the total task vehicles assigned to a truck unit.

(a) Operational short range—83 percent. (Maximum sustained effort; used only for all-out effort, and then only for periods of less than 30 days.)

(b) Long-range planning—75 percent.

(2) *Vehicle payload.* The load (expressed in tons of cargo or equipment) which a vehicle is designed to transport under specific conditions of operation, in addition to its unladen weight. The following are stated capacities of the vehi-

cles; however, experience has shown that, due to cargo density and other factors, approximately two-thirds of the rated capacity is usually attained.

(a) Off road—rated capacity of vehicle, except 5,000-gallon tank semitrailers, which are rated at 3,000-gallon capacity for off-road operations.

(b) Highway—rated capacity plus 50 percent for trailers or semitrailers and 100 percent for tactical wheeled vehicles, except tanker semitrailers, which have a maximum payload capacity of 5,000 gallons.

(c) Vehicle payloads for container transporters are as stated above, with no provisions for overload. The 34-ton transporter operates only over hard surfaced primary and secondary highways. The 22½-ton tactical transporter operates primarily over improved secondary roads, with occasional off-road movement over selected terrain.

(d) For planning highway moves, refer to FM 55—15, *Transportation Reference Data.*

(3) *Trips per day.* The daily round trips that a vehicle averages. These vary with running time and loading and unloading times. The following are general averages only:

(a) Line haul—one per operating shift.

(b) Local hauls—two per operating shift.

(4) *Length of haul.* The one-way distance that cargo is to be hauled, from which round trip distance may be computed. The following are rules of thumb only:

(a) Line haul—144 kilometers one way per operating shift.

(b) Local haul—24 kilometers one way per trip.

(5) *Rate of movement.* The average number of kilometers traveled in an hour, including halts during the period of movement. For long-range planning, the following estimates may be used:

(a) Poor roads—16 kilometers in an hour.

(b) Good roads—32 kilometers in an hour.

(6) *Turnaround time.* The time consumed in loading, unloading, and moving from origin to destination and return to origin.

(7) *Relay time.* Time consumed in loading and unloading (includes time waiting, spotting, documenting, and handling cargo on and off vehicles), or relay time (hookup and drop semitrailers) in line-haul relay operations, or both.

(a) Semitrailers and straight trucks—2.5 hours loading and unloading time per round trip (direct haul).

(b) Container transporters—1.5 hours loading and unloading time per round trip (direct haul).

(c) Truck tractors in semitrailer relay operations—1 hour per relay (round trip per line-haul leg).

(8) *Operational day.* The number of hours per day in which vehicles with drivers normally are employed.

(a) One operating shift—10 hours.

(b) Round-the-clock (two operating shifts)—20 hours.

(9) *Unit lift and daily lift.* Unit lift is the amount of cargo a truck unit is expected to move at one time; daily lift is that which the unit can move in a day with a number of trips. Unit capabilities are discussed in FM 55—15, *Transportation Reference Data.*

(10) *Ton-kilometers and passenger-kilometers.* The product of the number of tons or passengers and the actual distance they are moved.

4–9. Computing Truck Unit Requirements

The following formulas may be used for motor transport planning:

(1) *One-lift hauls.* To determine the number of truck companies required to move a given number of tons in one lift, use the following formula:

$$\frac{\text{Tons to be lifted}}{\text{tons per vehicle} \times \text{vehicles available per company}} = \text{truck companies required}$$

(2) *Sustained haul in one continuous operation.* In most operations, supplies flow continuously forward from supply points, depots, beaches, or terminals. In such cases, tonnages move forward only, and trucks return for another load. The average turnaround time required by the truck units to complete the round trip must be considered. Turnaround time is computed by dividing the round trip distance by the rate of movement and adding delays. Thus,

$$\text{turnaround time} = 2 \times \frac{\text{distance}}{\text{rate}} + \text{delays}$$

The applicable formula for sustained operations becomes—

$$\frac{\text{Daily tonnage forward}}{\text{Tons per vehicle} \times \text{vehicles available per company} \times \text{operating time per day}} \times \text{turnaround time} = \text{truck companies required}$$

4–10. Highway Tonnage Capacities

a. In selecting routes over which cargo is to be hauled, the planner must consider the classifications of the roads and bridges, and the horizontal and vertical clearance of the most restrictive point along the routes selected to sustain operations. The classification of the heaviest loaded vehicle should not exceed the rated classification of the weakest bridge. Reference is made to FM 5—36, *Route Reconnaissance and Classification.*

b. Tables in FM 55—15, *Transportation Reference Data,* may be used as a guide for estimating the supply support tonnage capacities of highways under varied conditions, assuming that operations are sustained, adequate road maintenance is provided, and each road bears two-way traffic. These tables define the various conditions of roadway, terrain, and weather and provide a guide for estimating incremental availability in highway tonnage capacities associated with deviations from standard conditions. Vehicle statistics as well as unit capabilities are also provided.

c. Planned tonnage movement should not exceed the capacity of any portion of the road net to be used, unless reconstruction or heavy maintenance is provided to increase the capacity of the section of highway or bridge to meet the demands.

forces. In certain limited field operations, such as against an unsophisticated enemy in an internal defense and development (IDAD) environment, the number of civilians interned may exceed the number of enemy prisoners captured. When military operations result in the movement of large numbers of refugees, potential civilian internees are invariably among the refugees. While no dependable internment rates can be established, the following percentage factors may be used generally in preparing estimates until such time as more specific guidance and information become available.

b. Local Static Population. Factors applicable to the local static population—

Civilian population	*Percentage of the population interned*
Mainly hostile	0.1 to 0.5
Mainly friendly	0.05 to 0.1

c. Refugees Interned. Factors applicable to the estimated number of refugees (estimates derived from these factors are added to those developed from the application of the factors in *b* above)—

Refugees	*Percentage of refugees interned*
Mainly hostile	2 to 5
Mainly friendly	0.1 to 1.5

5–8. Military Prisoners

a. Confinement Rates.

Conditions	*Percentage of command population*
(1) Nonnuclear	1
(2) Nuclear	2

b. Location.

Nuclear and nonnuclear environment	*Percentage*
(1) Evacuated to CONUS disciplinary barracks	20
(2) Retained in theater rehabilitation training centers	35
(3) Retained in stockades in the theater	45

c. Restoration Rates. For planning purposes, the following factors regarding the restoration of US military prisoners to duty generally apply:

From place of confinement	*Percentage*
(1) Stockades	100.0
(2) Rehabilitation centers	39.0
(3) Disciplinary barracks	7.7

5–9. Personnel Losses

A personnel loss is any reduction in the assigned strength of a unit. Such loss is caused primarily by enemy action, disease, accidents, and administrative action. The rate of loss varies with the theater of operations (TO), climate, terrain, the condition and state of training of troops, type of activity, the enemy, and numerous other factors. Each division and corps has its own loss experience depending on its own situation. Loss rates by arm or service and by military occupational specialty (MOS) within corps and division vary with the exposure of the particular category of personnel to the various causes of losses.

a. Categories of Losses. Personnel losses are recorded in three general categories:

(1) *Battle*, which are those losses incurred in action, including—

(a) Wounded or injured in action, to include those who died of wounds and died of injuries received in action.
(b) Killed in action.
(c) Missing in action or captured by the enemy.

(2) *Nonbattle*, which are those losses not directly attributable to being in action, regardless of when sustained, including—

(a) Nonbattle dead.
(b) Nonbattle accident/injury.
(c) Nonbattle missing.
(d) Sick/disease.

(3) *Administrative*, which are those losses including—

(a) Transfers from the unit.
(b) Absent without leave.
(c) Desertion.
(d) Rotation of personnel.
(e) Discharges.

b. Gross Losses. Besides those killed, captured, or missing, gross losses include personnel evacuated to hospitals and dropped from the rolls of their units. In all units in the theater army, any man hospitalized or evacuated to a hospital in the COMMZ is dropped from unit rolls and carried on the rolls of theater training, transient, and patient strength, which is not chargeable against the authorized theater strength.

c. Net Losses. Net losses are gross losses less personnel returned to duty within the theater. Net losses are computed only at theater level and are used as a basis for estimates of personnel required from the CONUS to maintain theater strength.

d. Loss Experience.

(1) Factors and figures that appear in the tables of this section are based primarily on World War II and Korean war experience and will not necessarily apply during another war. For planning, loss experience of past wars is modified by evaluating new factors applicable to new conditions. As a war progresses, every echelon of command gradually builds up loss experience that more accurately reflects the current conditions. Even the most complete and accurate figures relating to past wars cannot be relied on as valid for any future war. With experience as a basis, good judgment and sound knowledge of principles are used to develop new experience tables applicable to new conditions. Administrative losses are based on changing policies and, except for the confinement rates for military prisoners, are not adaptable to the establishment of loss tables based on experience. Therefore, experience tables for administrative losses, other than confinement, are not included in this manual.

(2) Since the disease rate is a large part of the nonbattle loss rate, the overall loss rate has seasonal variations and depends on the region where the force is operating. Generally, disease losses can be expected to exceed battle losses over an extended period by as much as 3 to 1. On occasions, the ratio may reach 6 to 1 or greater. The majority of disease cases are not hospital admissions and, therefore, do not contribute to statistics. For example, approximately 10 persons per 1,000 will attend dental clinics daily; they will be noneffective for a portion of that day, but they will not be reflected in daily admission rates. However, these disease losses do

A longer evacuation policy would be required in the theater of operations, if there were not enough transportation means available to meet out of theater patient evacuation needs.

d. Availability of Replacements. In determining an evacuation policy, an important consideration is the capability of CONUS to furnish replacements to the theater. For each patient who is evacuated from the theater to CONUS, a fully trained and equipped replacement must be provided. During a small-scale conflict overseas, CONUS replacement capability would be much greater when compared with a large-scale conflict such as World War II.

5–19. Classification of Patients

a. Not all casualties or battle losses are patients. Patients are those personnel receiving care in a medical treatment facility or who have been excused from duty for medical reasons. For the purpose of this discussion, however, the term patients means only those personnel who have been *admitted to hospitals* and who cannot be returned to duty within the calendar day of admission.

b. In making estimates of patients or in computing hospital bed requirements, patients usually are classified by cause of disability into disease nonbattle injury (DNBI) and wounded in action (WIA). The later group falls in the category of battle losses.

c. In calculating evacuation requirements, patients may be classified by—

(1) Severity of disability; i.e., *ambulatory* and *litter* patients.

(2) Suitability for evacuation; i.e., *evacuable* and *nontransportable* patients.

(3) Suitability for evacuation by *air.*

5–20. Disease and Nonbattle Injuries

For periods of over a year or more, DNBI admission rates for troops in an overseas theater may be expected to range between one and three per thousand troops, depending on region of the world; however, at certain seasons of the year, without epidemics, this rate may reach five or even more per thousand troops without constituting an epidemic. For division-level planning, one-third of all personnel *excused from duty* for reasons of sickness/disease or nonbattle accidents/injuries may be expected to complete treatment at battalion aid stations or division clearing stations, *if there is no interference with the primary mission of reception, treatment, and evacuation.* The remaining two-thirds of these personnel will become hospital admissions.

5–21. Wounded in Action

a. In estimating battle injuries and wounds, many variable factors must be considered. These include types of troops, their location in the theater, their acclimatization, types of engagement, morale, and enemy capabilities. For this reason all troops in a theater should be separated into groups having approximately the same casualty rate. Patients should be computed separately for each of these groups on the basis of their numerical strength. For example, in a given theater, the troops may be grouped into combat divisions, corps troops, and troops in the COMMZ. Each group will have a different WIA rate, and the total patients in the theater will depend on the relative strength of each group.

b. In estimating WIA patients in a corps, an estimate based on combat divisions engaged is usually the most accurate. As a crude estimate for division-level planning, nine-tenths of all personnel *excused from duty* for reasons of battle injuries and wounds will become hospital admissions.

c. The number of battle injuries and wounds among COMMZ troops, except in special situations, has been negligible in the past. However, in future warfare the possible use of more sophisticated conventional and NBC weapons in rear areas must be considered in estimating anticipated patient workloads.

5–22. Statistics

Table 5–18 below indicates estimated hospital admission rates for several geographical areas based on World War II, the Korean conflict, the Vietnam experience, and subsequent study of the world health situation. These rates should be used only as a basis for planning gross theater health service support. Each rate represents a

first-year experience typical of the area involved. (When data are aggregated for greater or lesser periods, the same experience source produces significantly different rates.) The medical planner must modify these rates, using the latest pertinent medical intelligence data, and consider their historical bases before he applies them in developing health service support workloads and bed requirements for a specific plan or type of combat action.

*Table 5–18. Rate of Admissions to Hospitals Per 1,000 Strength Per Day**

1	2	3
1 Area	Disease and non-battle injuries	Wounded in action
2 North America	1.36	0 55
3 Europe	1.62	0.55
4 Northeast Asia	2.07	0.37
5 Southeast Asia	0.60	0.20
6 Africa	2.87	0 37
7 Middle East	1.96	0.37
8 South America	1.72	0.37

*In using experience factors from theaters of operation, remember that WIA rates are not primarily related to geography. In using such rates for planning, the theater must be considered from the standpoint of the type of combat, size and organization of forces, and weapon employment.

5–23. Definitions Used In Estimating Hospital Bed Requirements

a. Levels of Hospitalization. For the methodology described here, the levels of hospitalization include the combat zone, the COMMZ, and the CONUS. The combat zone and the COMMZ levels of hospitalization are considered in combination as the theater of operations level. Likewise all theaters of operation, combined with the CONUS, constitute the total (worldwide) hospitalization system.

b. Evacuation Policy. See JCS Pub 3, AR 310—25, and paragraph 5—15. Evacuation policy indicates the maximum number of days a patient may be hospitalized for a single period of illness or injury, at a specific level of hospitalization. The number of days specified for a level of hospitalization *includes the days at lower levels.*

c. Period of Estimate. Consecutive intervals of time usually measured from the beginning of operations.

d. Admission. A patient's initial entry anywhere into the theaterwide hospitalization system for a single incident of illness or injury.

e. Admission Rate. For a specified portion of the population served and specified period(s), the average daily number of admissions per 1,000 average daily strength is compared. Separate admission rates are always provided for WIA and DNBI.

f. Accumulation Factors. Assuming one admission per day during a period of estimate and none thereafter, the expected number of patients remaining (occupying beds) at a particular level of hospitalization *at the end of* successive periods. Equivalently, for patients admitted on the first day of a period, the average number of hospital days spent at a particular level *during* successive time periods. Accumulation factors are given for each patient type and for various evacuation policy progressions.

g. Disposition (Either Final or Intermediate). Final dispositions are return to duty (RTD), died in hospital (DIH), and disability separation (DS). The latter occurs only in CONUS. The intermediate disposition is evacuation (evac) to the next level of hospitalization.

h. Disposition Factors. Assuming one admission per day during a period of estimate and none thereafter, the expected number of patients receiving a particular disposition from a particular level of hospitalization *during* successive periods. Disposition factors are given for each patient type, for each disposition type, and for various evacuation policy progressions.

i. Dispersion Allowance. The percentage of all hospital beds in a level of hospitalization that remain empty to allow for necessary patient dispersion and hospital flexibility.

j. Dispersion Factor. Equals 100 percent ÷ 100 percent minus the dispersion allowance. When multiplied by the estimated number of patients remaining, it yields the number of beds required to provide necessary dispersion. Corre-

Table 5–25. Accumulation and Disposition Factors, Total Hospitalization System

Period of[2] estimate	TOTAL HOSPITALIZATION SYSTEM ACCUMULATION AND DISPOSITION FACTORS[1]							
	WOUNDED IN ACTION (WIA)				DISEASE/NONBATTLE INJURIES (DNBI)			
	Accumulation[3]	Rtn to duty[4]	Died in hospitals[5]	Evacuated[6]	Accumulation[3]	Rtn to duty[4]	Died in hospitals[5]	Evacuated[6]
1	24.9269	4.6585	.4146	0	13.7602	16.1905	.0493	0
2	16.2899	8.5607	.0763	0	4.1615	9.5856	.0108	.0023
3	11.1763	5.0915	.0161	.0060	2.1701	1.9687	.0038	.0189
4	3.5651	2.5657	.0107	.0348	1.3283	.8071	.0021	.0326
5	7.0059	1.4791	.0033	.0768	.8922	.3928	.0021	.0412
6	5.8345	1.0709	.0010	.0995	.6309	.2164	.0011	.0438
7	4.9412	.7668	0	.1265	.4520	.1328	.0028	.0433
8	4.2085	.5716	.0006	.1605	.3252	.0827	.0009	.0432
9	3.5763	.4302	.0024	.1996	.2344	.0527	.0021	.0360
10	3.0439	.3252	.0009	.2063	.1713	.0353	0	.0278
11	2.5614	.2512	.0021	.2292	.1226	.0241	0	.0246
12	2.1526	.1926	0	.2162	.0931	.0141	0	.0134

[1] Based on the assumption of one admission per day of the specified type during the first period of estimate and none thereafter. Derived from the complete hospitalization and evacuation experience of all US Army WIA and DNBI patients admitted to hospitals in the Korean conflict and all US Army DNBI cases admitted to hospitals in any overseas area during the same period.

[2] Thirty (30) days each.

[3] Accumulation of patients at end of period.

[4] Returns to duty during the period.

[5] Deaths in hospitals during the period.

[6] Patient evacuations during the period.

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i. Obtain the *CONUS* bed requirements for each period of estimate as follows: multiply the results of step *h* above by the CONUS dispersion factors.

j. To determine the number of beds required for troops stationed in CONUS use the following system. When new recruits are inducted in large numbers, morbidity tends to be rather high, and beds equal to as much as 4 percent of the CONUS strength may be necessary. After the period of training is over, beds equal to 3 percent of the CONUS strength may be sufficient.

5–27. Preliminary Bed Requirements Data

The methodology presented above is for an established theater of operations. Table 5–26 represents a method for working estimates of bed requirements for initial action in a theater of operations.

Table 5–26. Preliminary Bed Requirements' Data.

COMBAT ZONE**							
		POPULATION SERVED					
		DIVISION TROOPS			NONDIVISION TROOPS		
Period of estimate*	Evacuation policy	Average daily strength (1,000's)	WIA admission rate	DNBI admission rate	Average daily strength (1,000's)	WIA admission rate	DNBI admission rate
1	7	34	1.73	1.72	36	.68	1.70
2	15	68	1.97	1.76	70	.74	1.72
3	15	136	1.73	1.72	150	.68	1.70
4	15	136	1.60	1.70	168	.64	1.68

		COMMUNICATIONS ZONE***			CONUS***
		POPULATION SERVED			POPULATION SERVED
Period of estimate*	Theater evacuation policy	Average daily strength (1,000's)	WIA admission rate	DNBI admission rate	Average daily strength (1,000's)
1	15	20	.14	1.68	0
2	30	32	.14	1.68	0
3	60	80	.14	1.68	0
4	60	96	.14	1.68	0

*Thirty days each

**Dispersion factor is 20% (1.25)

***Dispersion factor is 20% (1.25)

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5–28. Nuclear, Biological, and Chemical Operations

While the preceding computations afford a relatively sound basis for determining bed requirements, nuclear, biological, and chemical (NBC) operations introduce other factors. The experience factors in this chapter have been derived in the presence of a certain pattern of wounding and are related to average admission rates over long periods. The pattern of wounding from NBC munitions probably will alter accumulation factors. Of greatest significance, however, may be the characteristically wide fluctuation of daily admission rates resulting from these munitions. This characteristic may preclude any attempt to employ average admission rates. The problem will be one of handling recurring peakloads of patients. This problem must be met either by more intensive use of theater hospital facilities, by instituting mass casualty standards for care (TB Med 246), or by rapid and extensive evacuation to the CONUS. For this reason, the planner may find it more realistic to submit bed requirements as a feasible percentage of troop strength supported and build the maximum flexibility into the resulting medical service. There are, however, factors and methods for estimating hospitalization and evacuation requirements. For data pertaining to nuclear warfare, see FM 101—10—3 and TM 8—215.

5–29. Capacity of Transportation Means for Evacuating Patients (See table 5—27.)

a. Exact figures for Army aircraft in columns 2 and 3 must be computed on maximum gross weight.

b. Cargo vehicles are used only when ambulances are not available.

5–30. Time Elements of Evacuation

Factors for evacuation of personnel (including loading and unloading) are indicated in the subparagraphs below.

a. Litter Squads.

(1) Average terrain, four-man squad—900 meters and return in 1 hour.

(2) Mountainous terrain, six-man squad—370 meters and return in 1 hour.

b. Ambulance (Ground) During Combat in the Division Area. Eight kilometers and return in 1 hour.

c. Aircraft.

(1) Helicopter—150 kilometers one way in 1 hour.

(2) Transport airplane—360 kilometers one way in 2 hours.

(3) Army (fixed wing) airplane—200 kilometers one way in 1 hour.

Table 5–27. Capacity of Transportation Means Used for Patient Evacuation

Type of transportation	Type patients: Ambulatory	Type patients: or litter
1. Transport airplane, C–74 (USAF)	32	20
2. Transport airplane, C–123 (USAF)	61	50
3. Transport airplane, C–124 (USAF)	200	127
4. Transport airplane, C–130 (USAF)	92	74
5. Transport airplane, C–133 (USAF)	120	55
6. Transport airplane, C–135 (USAF)	126	44
7. Transport airplane, C–141 (USAF)	154	80
8. Army airplane, O–1G	2	0
9. Army airplane, U–10A	9	3
10. Army airplane, U–8D,F	5	0
11. Army airplane, U–21A	10	3
12. Army airplane, U–21F	7	0
13. Army airplane, T–41B	2	0
14. Army airplane, T–42A	3	0
15. Army helicopter, OH–6A	2	0
16. Army helicopter, UH–1B	7	3
17. Army helicopter, UH–1D	12	6
18. Army helicopter, UH–1H	12	6
19. Army helicopter, CH–47A,B,C	33	24
20. Army helicopter, CH–54A,B	45	24
21. Army helicopter, OH–58A	2	0
22. Bus, motor, 37 passenger, convertible	37	18
23. Truck, ambulance, frontline, ¼-ton	5	3
24. Truck, ambulance, field, 1¼-ton	8	4
25. Truck, cargo, 2½-ton	16	10
26. Truck, cargo, 1¼-ton, 6 x 6, M561	8	4
27. LARC–5	25	12
28. LARC–60	125	0
29. Railway car, coach (US)	52	--
30. Railway car, coach (foreign)	57–72	--
31. Pullman car (US)	48	32
32. Sleeping car (foreign)	32	32
33. Ambulance railway car (foreign)***	--	--
34. Ambulance railway car, personnel (foreign)***	--	--
35. LVT (Marine)	12	6
36. LVTP–5 (Marine)	34	--
37. LVTP–6 (Marine)	20	--
38. LVTP–7 (Marine)	25	--
39. LCVP (Naval)	36	17
40. LCM–6 (Naval)	120	30
41. LCM–8 (Naval)	200*	50**
42. LCU (Naval)	400	100
43. LST (Naval)	180	120
44. Hospital ship (Naval)	802	802

*In addition to litter patients

**In addition to ambulance patients

***Capacity of such cars will vary from nation to nation

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CHAPTER 6
ENGINEER PLANNING DATA
(STANAG 2206)

Section I. INTRODUCTION

6–1. General

This chapter contains planning factors that may be used to determine minimum essential equipment densities, man-hours, or quantities of materials or supplies required for various combat engineering support operations and construction projects within the theater of operations.

Section II. FACILITY CONSTRUCTION PLANNING FACTORS

6–2. Introduction

Since JCS Pub 3, which lists the facility *category codes*, is of limited distribution and not generally available, data on category code facilities useful for the logistician and engineer are extracted in this section. The DOD facility category code is a system establishing uniform facility classes and construction categories, together with a numerical code, for use in the identification and classification of real property. Planning factors applicable to the category code facilities are general in nature and may vary considerably depending on the situation. These factors apply primarily for long-range planning and when more specific information about a given situation is not available.

6–3. Port Facilities

a. Basic Reference. TM 5—360, *Port Construction and Rehabilitation*, is a basic source of information on port construction facilities.

b. DOD Category Code 150 (Waterfront Operational Facilities). Requirements for port construction are based on port capacity expressed in terms of short tons (STON) per day, therefore, the capacities of standard berths are used as planning factors, together with other port planning factors contained in chapter 4, section 5. Port facilities are categorized as deep draft for ocean-going vessels and shallow draft for lighters, barges, landing craft, and the like.

Type of facility	*Size (Meters) Length x width x depth*	*Average capacity STON per day (20 hr)*
Container ship wharf	300 x 24 x 20*	5,070
Deep-draft finger pier	150 x 27 x 20	2,000
Marginal quay	300 x 18 x 20	2,000
DeLong A finger pier	90 x 24 x 20	1,200
DeLong B quay	45 x 18 x 20	600
Barge off-loading quay	30 x 18	400
LST quay	75 x 18	400
LST/LCM/LCM ramp	50 x 10	200

*One side berth only. 15 additional acres of stabilized hardstand per berth are required for container storage and support facilities.

c. Water Area Requirements for Port Facilities.

(1) General. During the site investigation for a possible port location, consider the following:

(a) Basin protection.
(b) Bottom conditions.
(c) Shore area.
(d) Communication facilities.
(e) Water depth.

(2) *Water requirements for port development.* All dimensions based upon largest vessel to use port.

(a) Channels: width.

1. Single lane:

Maneuver lane—*160—200% beam width.*

Clearance between maneuver lane and bank—*beam width of largest vessel to use port.*

2. Multiple lane:

Maneuver lane—*160–200% beam width.*

Clearance between maneuver lane and bank—*beam width of largest vessel to use port.*

Clearance between ships passing—*beam of largest vessel but not less than 30 meters.*

(b) Turning basin.

1. Length and width—*2 to 4 times length of largest vessel using port.*

2. Smaller dimensions are possible if turning dolphins are used.

(c) Anchorage area.

$$R = 4 \times D + F + L + C$$

R = Radius
D = Depth of water (MLW)
F = Freeboard
L = Length of largest vessel
C = Safe clearance—15 meters

(d) Depth.

Naval vessels	10 meters
Container vessels	10–15 meters
Bulk carriers	12–18 meters
Tankers	10–28 meters

6–4. Maintenance and Protection Facilities

Maintenance facilities are required to provide covered working space for organizational, direct support (DS), and general support (GS) maintenance operations. Gross planning factors have been developed for the broad categories of maintenance facilities. Other maintenance facilities such as vehicle wash racks and grease racks are determined on an "as required" basis.

a. DOD Category Code 211 (Maintenance—Aircraft). Maintenance facility requirements for Army aircraft are determined on a unit basis as follows. Factors developed do not include facility requirements for unit ground support equipment and vehicles.

TOE	*Unit*	*Sq ft per unit*
55–457	Trans acft maint co (DS)	22,171
55–458	Trans acft maint co (GS)	29,178
55–465	Trans acft maint bn (DS) and (GS)	36,920

b. DOD Category Code 213 (Maintenance—Small Craft). When bases are small, widely separated, and relatively inaccessible, maintenance facilities are provided the following types of small craft units:

TOE	*Unit*	*Sq ft per unit*
55–128	Mdm bt co	2,000
55–129	Hv bt co	1,200
55–138	Lt amph co	3,600
55–139	Mdm amph co	2,400
55–530	LARC LX plt	400

c. DOD Category Code 214 (Maintenance—Tank, Automotive). Maintenance shop requirements for vehicles are provided on a unit basis as follows:

TOE	*Unit*	*Sq ft per unit*
29–137	Hv equip maint co (GS)	5,562
29–207	Lt maint co (DS)	4,760
29–208	Maint co, rr (DS)	3,010
29–427	Maint co (DS)	5,588
29–427	Maint co (GS)*	2,328

*Secondary mission.

d. DOD Category Code 215 (Maintenance—Weapons). Covered shop requirements for weapon maintenance are provided on a unit basis as follows:

TOE	*Unit*	*Sq ft per unit*
29–137	Hv equip maint co (GS)	4,513
29–207	Lt maint co (DS)	210
29–208	Maint co, rr (DS)	421
29–427	Maint co (DS)	373
29–427	Maint co (GS)*	280

*Secondary mission.

e. DOD Category Code 216 (Maintenance—Ammunition). Covered shop space is required for maintenance and renovation of ammunition. For ammunition depots and ammunition supply points, 2 square feet per STON of ammunition for maintenance and renovation plus 1 square foot per STON for proper surveillance are provided. Therefore, the total allowance is 3 square feet per STON of ammunition. Require-

ments are determined based on the following formula:

$$\frac{\text{lb per man per day} \times \text{population} \times \text{storage level} \times \text{3 sq ft per STON}}{2{,}000} = \text{sq ft}$$

f. DOD Category Code 217 (Maintenance—Electronic-Communications). Covered shop space is required for repair and maintenance of transmission and reception electronic equipment. Requirements are determined on a unit basis as follows:

TOE	*Unit*	*Sq ft per unit*
29–134	LE maint co (GS)	3,276
29–207	Lt maint co (DS)	210
29–208	Maint co, rr (DS)	2,172
29–427	Maint co (DS)	1,676
29–427	Maint co (GS)*	466

*Secondary mission.

g. DOD Category 218 (Miscellaneous). Covered shop space is required for miscellaneous procured items and equipment. Requirements are determined on a unit basis as follows:

TOE	*Unit*	*Sq ft per unit*
29–137	Hv equip maint co (GS)	420
29–139	Coll & class co	6,300
29–207	Lt maint co (DS)	1,820
29–208	Maint co, rr (DS)	3,570
29–427	Maint spt co (DS)	2,161
29–427	Maint spt co (GS)*	1,304

*Secondary mission.

h. DOD Category Code 219 (Maintenance—Facilities Engineer Activity). Requirements for units below battalion level are normally absorbed within company/battery level supply sections. For installation planning based on an intermediate or longer range contingency for occupancy by a battalion or larger unit (or units), a covered space allocation of 2 square feet per man is required to support the repairs and utilities (R&U) maintenance function.

6–5. Supply Facilities

a. General. Supply data contained in this paragraph is for general planning purposes. Detailed data and consumption formulas for all classes of supplies are contained in chapter 3, tables 3–6 through 3–31.

b. DOD Category Code 410 (Liquid Fuel Storage). Requirements in connection with petroleum, oil, and lubricant (POL) systems include construction, major maintenance, and major damage repair to pipelines, pumping facilities, and storage facilities. A complete pipeline system includes tanker discharge facilities and receiving tank farm at a port or beach (marine terminal); one or more parallel pipelines; tank farms which are spaced along the system and vary in capacity depending on supply needs and specified theater levels of supply; and dispensing facilities, which are provided at tank farms and supply points. As a general rule of thumb, POL pipelines are programed when requirements, developed in accordance with planning factors indicated, exceed 6,500 barrels of POL per day. Generally (dependent on distance, roads, and terrain) pipeline transportation of POL is cost effective when requirements exceed those stated above and measures to secure pipelines from sabotage are effective.

c. *DOD Category Code 411 (Liquid Fuel Storage—Bulk).* Liquid fuel is divided into ground, aviation, and heating fuel for purposes of analyzing gross storage requirements. It is distributed through a system of terminals and major bulk storage points; using activities draw directly from the nearest storage point. Storage tanks are provided at terminals and major storage points and in forward areas.

(1) Bulk fuel and storage requirements for Army forces are determined by consumption rates and stockage objectives as shown below in accordance with the following formula:

$$\text{Consumption rate} \times \text{population} \times \text{stockage objective} = \text{storage capacity required.}$$

Consumption rate is measured in barrels (bbl) per man per day and stockage objective is a factor that measures reserve storage capacity of the tank farm in days.

(2) Air Force bulk fuel and storage requirements are determined by consumption rates of aircraft and stockage requirements as determined by the Air Force.

(3) In the absence of other guidance, the following planning factors may be used in

determining both Army and Air Force requirements:

FACILITY DESCRIPTION	*CRITERIA*
Liquid fuel storage	
Ship fuel storage/distillage	To be developed
AVGAS storage	
Individual aircraft	Acft (single engine, reciprocating) x 1.6 bbl/acft/days x days of supply
	Acft (multi-engine, reciprocating) x 9.7 bbl/acft/day x days of supply
Diesel storage	Men x 0.04 bbl/man/days x days of supply
MOGAS storage	Men x 0.15 bbl/man/day x days of supply
JP storage	
Individual aircraft type	Acft (single engine, turbine) x 5.7 bbl/acft/day x days of supply
Unit consumption	Tac ftr sqdns (F-4) x 1,387 bbl/sqdn/day x days of supply
	Patrol sqdn (P-3) x 1,500 bbl/sqdn/day x days of supply
	Air commando force sqdns (A-1) x 167 bbl/sqdn/day x days of supply
	Trans sqdns (C-130) x 1,650 bbl/sqdn/day x days of supply
	Hel sqdns (Navy/Marine Corps) x 183 bbl/sqdn/day x days of supply
	Atk hel cos (23 acft, AH–1 and UH–1) x 125 bbl/co/day x days of supply
	Aslt hel cos (23 acft, AH–1 and UH–1) x 175 bbl/co/day x days of supply
	Aslt spt hel cos (17 acft, CH–47 and UH–1) x 350 bbl/co/day x days of supply
	Air ambulance cos (25 acft, UH–1) x 160 bbl/co/day x days of supply
	Air cav trps (27 acft, OH–6, AH–1, and UH–1) x 115 bbl/trp/day x days of supply
	Hv hel cos (10 acft, CH–54 and UH–1) x 180 bbl/co/day x days of supply
	Aerial survl cos (18 acft, OC–1) x 190 bbl/co/day x days of supply
Heating fuel storage	Temperature zone–men x 0.03 bbl/man/day x days of supply

d. DOD Category Code 420 (Ammunition Storage). Storage requirements for ammunition are determined by consumption rates, the square feet per STON of the types of ammunition to be stored, and the storage objective to be achieved at each location. Storage locations are determined by distribution system considerations. Factors for ammunition storage facilities are developed in terms of net square feet per STON of ammunition based on dimensions and weights of crated items and mode of stacking as determined by field measurements. These factors vary widely depending on the type of ammunition. Average gross storage factor per STON of ammunition is 8.05 square feet.

e. DOD Category Code 421 (Covered Ammunition Storage—Depot/Ammunition Supply Point (ASP)). Covered storage facility requirements for ammunition at depots and ASP's are determined in accordance with the following formula. Data is based on overall consumption rate of 31.29 lb/man/day and 5 percent of ammunition requiring covered storage.

$$\frac{\text{.0063 square feet/}}{\text{man/day}} \times \text{population} \times \frac{\text{storage}}{\text{objective (days)}} = \frac{\text{square}}{\text{feet}}$$

f. DOD Category Code 425 (Open Ammunition Storage—Depot/ASP). Open storage requirements for ammunition at depots and ASP's are determined as indicated below. Data is based on overall consumption rate of 31.29 lb/man/day and 95 percent of ammunition in open storage.

$$\frac{\text{.019 square yards/}}{\text{man/day}} \times \text{population} \times \frac{\text{storage}}{\text{objective (days)}} = \frac{\text{square}}{\text{yards}}$$

g. DOD Category Code 431 (Cold Storage—Depot/Supply Point Level).

Supply class	*Consumption rate* (lbs/man/day)*	*Cold storage by percent**	*Gross storage factor (cubic feet/man/day)***
I	1.21	100	.0835
VI	3.20	10	0221
VIII	0.35	10	.0048
IX	1.52	1.6	0017

*Representative figures—may be adjusted for local experience.
**Based on 8 ft stack height.

To obtain requirement:

$$\frac{\text{Gross}}{\text{storage factor}} \times \text{population} \times \frac{\text{storage}}{\text{objective (days)}} = \frac{\text{cubic}}{\text{feet}}$$

h. DOD Category Code 432 (Cold Storage—Unit Level). Unit-level cold storage facility

requirements are determined for each location based on a factor of 0.5 cubic feet per man.

i. DOD Category Code 441 (Covered Storage—Depot/Supply Point Level).

Class of supply		*Consumption rate (lbs/man/day)**	*Covered storage by percentage*	*Gross storage (sq ft/man/day)*
I	Subsistence			
	Nonrefrigerated—S ration	4.15	100	.0353
	Combat rations—C ration	1.34	100	.0116
II	Clothing, tentage, and individual items	3.26	60	.0169
III	Packaged POL	1.86	3	.0005
IV	Construction materials	8.50	10	.0073
VI	Personal demand items	3.20	90	.0248
VII	Major end items	4.27	15	.0055
VIII	Medical material	0.35	90	.0054
IX	Repair parts	1.52	58	.0077

*Representative figures—may be adjusted for local situation.

To obtain requirement:

$$\text{Gross storage factor} \times \text{population} \times \text{storage objective (days)} = \text{square feet}$$

6–6. Medical and Dental Facilities

DOD Category Codes 510 through 560 (Medical and Dental Facilities). Requirements are provided on a unit basis as follows:

TOE	*Unit*	*DOD cat code*	*SF/unit*
08–510	Fld hosp	510	1,075,932
08–551	GH, 1,000-bed	510	1,694,484
08–564	Sta hosp, 200-bed	510	592,416
08–565	Sta hosp, 300-bed	510	801,504
08–566	Sta hosp, 500-bed	510	1,075,932
08–650	Med lab	530B	3,900
08–500 (MA)	Disp	550	2,000
08–500 (MB)	Gen disp	550	2,000
08–500 (MC)	Gen disp	550	4,000
08–590	Conv cen	560	2,238,984

6–7. Administrative Buildings

DOD Category Code 610 (Administrative Buildings). Administration includes the functional areas required to support the management of operations, training, maintenance, production, supply, distribution, housing, community facilities, utilities, ground improvements, and real estate. It does not provide for automatic data processing equipment for which service planning factors will be used. An average planning factor of 90 square feet per occupant is the established criterion.

6–8. Troop Housing

a. DOD Category Code 725 (Troop Housing). The following planning factors are based on field experience of providing minimum essential facilities consistent with functional needs for limited tenure. Theater policy dictates the standard to which they will be constructed:

Type of housing	*Sq ft per man**
BOQ	110
EM	72

*Does not include mess, latrines, or showers.

b. DOD Category Code 726 (Prisoner of War Camps). The Geneva Conventions stipulate that prisoners of war (PW) are to receive accommodations equal to those of US troops in the same theater of operations (TO). However, the quantity of these facilities is less than provided for US troops. The reduction in the quantity of facilities is justified on the basis of a greater flexibility in scheduling PW activities. Requirements for PW enclosures are determined on a unit basis as follows:

TOE	*Unit*	*Sq ft per unit**
19–256	HHC, MP PW camp	12,283,920

*Based on provision of PW enclosure for 12,000 PW and/or civilian internees.

c. DOD Category Code 730 (Military Police Stockade/Rehabilitation Center). Facilities required for permanent and temporary stockades are basically similar. They include buildings for the administration of the stockades and the housing of prisoners, areas for training and

recreation, and means for making the buildings and areas secure against escape. Field stockades are temporary and are established by division, corps, and army, as required. Requirements for stockades are determined on a unit basis as follows:

TOE	*Unit*	*Sq ft per unit**
19—316	HHC, MP bn (stockade) (rehab cen)	1,907,928

*Based on provision of stockade/rehab cen for 1,000 military prisoners.

d. DOD Category Code 740 (Community Facilities). Community facilities include all facilities provided for personnel support, service, morale, welfare, and recreation. A gross planning factor of 9.5 square feet of indoor facility per man has been developed. Outdoor recreation spaces must be considered separately based on the situation and area available.

6–9. Utilities and Ground Facilities

a. DOD Category Code 810 (Electricity). Requirements for electricity are developed based on the planner's knowledge of the type of installation, the nature of activities conducted therein, and unusual power requirements. General planning factors have been developed as follows:

Installation	0.7 kw/man
Deep draft berth	250 kw/berth
Hospital	1.6 kw/bed

These factors do not include special test, maintenance, and heavy industrial operations, nor backup/emergency requirements. More detailed planning information is contained in FM 5—35 and JCS Pub 3.

b. DOD Category Code 831 (Sewage Treatment). Requirements for sewage disposal are based on a general planning factor of 70 percent of the total potable water supply requirement, as delineated in *d* below.

c. DOD Category Code 833 (Refuse and Garbage Collection and Disposal). Requirements for collection and disposal of refuse and garbage for facilities of an intermediate or temporary nature are based on the following general planning factors:

Garbage	2.5 lbs/man/day
Rubbish	1.5 lbs/man/day

Factors for maneuver elements vary considerably with the situation, but in all cases collection and disposal must be considered. More detailed information is contained in FM 5—35, FM 21—10, and TM 5—634.

d. DOD Category Code 340 (Water Supply). Requirements for water supply are developed to meet the needs of individuals; vehicle utilization; mess operations; and maintenance, industrial, construction, and hospital operations. Most, but not all, requirements are for potable water. Requirements vary depending on activity and location.

(1) The following are general planning factors in gallons per day (GPD):

RATE OF CONSUMPTION

Consumer	*Temperate-cold/desert-jungle*	*Remarks*
Individual	3-6 GPD/man	
Installations		
Camp (initial) w/bath	25-50 GPD/man	Incl waterborne sewage
Camp (intmed)	75-100 GPD/man	Incl waterborne sewage
Camp (temporary)	100-130 GPD/man	Incl waterborne sewage
Vehicles		
Tactical	½-1 GPD/veh	
Locomotive (steam)	200 GPD/train mile	

RATE OF CONSUMPTION (Continued)

Consumer	*Temperate-cold/desert-jungle*	*Remarks*
Support facilities		
Hosp	200 GPD/man	
QM bakery co	2,600 GPD	20 hr op
QM laundry co	64,000 GPD	20 hr op
QM clothing exchange and bath co	360,000 GPD	20 hr op
400-gal decon (aprox)	4,000 GPD	20 hr op
Const equip		
Rock crusher, 75 TPH*	22,500—45,000 GPH	Nonpotable, clean
Rock crusher, 225 TPH*	10,000—200,000 GPH	Nonpotable, clean
Concrete mixer, 16S	700 GPH	Nonpotable, clean
Central concrete mix plant, 112S	4,800 GPH	Nonpotable, clean
Water distr	10,000 G/km/single lane road under const	Nonpotable, clean
Port—Deep draft berth	50,000—100,000 GPD	
Storage	Total rqr X 0.5	Incl fire protection

*When used with wash/screen unit.

(2) Care must be used in establishing total requirements for mobile operations in a desert environment, especially with regard to source of supply and means of distribution. Organic engineer units have adequate capabilities for water treatment, however, transportation support for distribution must be considered for prolonged desert operations.

(3) Organic engineer water supply/treatment capabilities are as follows:

Table 6–1. Water Equipment Issued to Engineer Units

1	2	3	4	5	6	7	8	9	10
Unit	Number of sets[1]	Type purif unit; fresh water (GPH)	Equipment in each set[2]		Pump discharge (GPM/SET)[3]		Total[4] Storage Capacity (gal)	Max production (GPH)	Water transport equipment
			Tanks						
			Number[4]	Total capacity (gal)	Distrib	Purif			
AASLT div engr bn	8	420	1	500	18	10	4,000	3,360	
Abn div engr bn	8	420	1	500	18	10	4,000	3,360	
Armd, inf, and mech div engr bns	5	1,500	2	3,000	130	25	15,000	7,500	
Engr cbt bn, corps	5	1,500	2	3,000	130	25	15,000	7,500	
Engr cbt hvy bn	2	1,500	2	3,000	130	25	6,000	3,000	
Engr co, sep bde, armd, inf, or mech	2	1,500	2	3,000	130	25	6,000	3,000	
Engr co, sep bde, abn	1	420	1	500	18	10	500	420	
Engr WS co	9	3,000 (mobile)	2	3,000	100	50	27,000	27,000	4-2000 gal; 12-100 gal
Water purif team (GG)	1	3,000 (base)	2	3,000	100	50	3,000	3,000	1-1,000 gal
Water purif team (GH)	4	3,000 (base)	2	3,000	100	50	12,000	12,000	
Well drilling team (GE)	1	well drilling set							1-2,000 gal
Well drilling team (abn) (C-F)	1	well drilling set							1-1,000 gal

[1]Each set can equip one water point.

[2]Each set has chemical supplies for 600 hours of operation: 1/16 of supplies transported with each mobile unit.

[3]One pump at steady purification rate: others at full rated capacity for distribution (intermittent operation).

[4]Number of storage tanks may be augmented from depot stocks.

e. DOD Category Code 852 (Parking Area, Vehicular). A general planning factor of 50 square yards per vehicle for unit hardstand and maintenance area provides hardstand parking for unit vehicles and trailers and a maintenance area for individual and organizational maintenance requirements.

Section III. CONSTRUCTION DATA

6–10. Introduction

a. Standards of construction are established for the purpose of managing construction resources. The theater commander establishes the standards of construction to be used in the TO based upon operational plans, availability of resources, and unit missions. JCS Pub 3 sets forth the standards of construction that are applicable in a TO. The standards are based primarily on the duration of the contingency and are as follows: initial—zero to 6 months, intermediate—6 to 24 months, and temporary—24 months to 5 years.

b. Facilities listed in the Army Facilities Components System (AFCS) are identified by a corresponding construction standard. In most cases, facilities contained in the AFCS fall into the intermediate and temporary standards. The nature of materials used in construction of the AFCS facilities and the structural aspects of the designs are such that the life of facilities will normally exceed 5 years when appropriate maintenance is performed.

c. Standards and construction data for all basic installations and facilities in the TO are based on the AFCS which is contained in the TM 5—301 series, TM 5—302, and TM 5—303. A complete listing of all installations is contained in paragraph 9—1, of the TM 5—301 series, while a complete listing of facilities is contained in paragraph 10—1, of the same TM.

6–11. Roads

a. Road Nets. Construction and maintenance of roads in a TO are held to the minimum required by the situation and are based on maximum use of the existing road net. Normally, the minimum two-lane road nets to be provided and maintained are as follows:

(1) In the combat zone—

(a) Two earth roads per division forward of division rear boundary.

(b) Two improved (e.g., gravel, crushed rock without asphalt treatment) roads per corps forward of corps rear boundary.

(c) Lateral improved roads at 16-kilometer intervals in rear of division rear boundary.

(d) Access roads, as required, at depots, supply points, and other installations in corps rear area.

(2) In the COMMZ—

(a) Two bituminous-surface-treated roads to each corps rear area. Connecting roads, as required, to ports and beaches.

(b) Access roads, as required at depots and other installations in the COMMZ.

b. Construction of New Roads.

(1) *Construction policy.* New road construction is undertaken only when absolutely necessary, and normally it includes only such items as access roads and detours to bypass demolitions. The factors in tables 6—2 through 6—6 are given primarily for estimating rehabilitation as a percentage of the requirements for new construction. Detailed planning factors for construction of all road facilities may be found in TM's 5—301, 5—302, 5—303.

(2) *Bridge and culvert requirements.* For planning, 1 kilometer of new road requires 7.5 meters (24.8 ft) of bridging and from 3.7 culverts in flat terrain to 13 culverts in mountainous terrain.

(3) *Material requirements.* Material requirements for 1 kilometer of new road (including bridges and asphalt for surfacing, but not shoulders) are given in tables 6—2 and 6—3.

(4) *Fixed-bridge superstructure requirements per kilometer of road.* Table 6—4 provides fixed-bridge superstructure requirements for 1 kilometer of road, based on 7.5 meters (24.6 ft) of bridging per kilometer of route and on

*Table 6–2. Material Requirements for 1 Kilometer of New Road**

	1	2	3	4	5
1	Type of road (DOD Cat code/AFCS Series 853)	Single-lane 3.7m (12-ft) wide		Double-lane 7.3 m (24-ft) wide	
		STON	MTON	STON	MTON
2	Earth, graded and drained	3.1	1.3	3.1	1.3
3	102-mm (4-in) (two-lane, 152-mm (6-in) stabilized earth or stone)	3.1	1.3	6.3	2.5
4	25-mm (1-in) cold surface treatment on 102-mm (4-in) (two-lane 152-mm (6-in) stabilized stone)	17.4	19.9	32.9	39.8
5	25-mm (1-in) cold surface treatment on existing primed base	13.7	18.6	26.7	37.3
6	51-mm (2-in) cold road mix, cold laid asphalt on 152-mm (6-in) primed stabilized stone	27.3	34.2	52.8	67.1
7	76-mm (3-in) cold road mix, cold laid asphalt on 152-mm (6-in) primed stabilized stone	36.0	46.6	70.8	92.6

*Does not include aggregates. Includes culvert material and asphalt in drums (55-gal).

Table 6–3. Gravel or Crushed Rock Requirements for 1 Kilometer of New Road

	1	2		3	4		5
1	Type of road	Single-lane 3.7-m (12-ft) wide			Double-lane 7.3-m (24-ft) wide		
		Cu m	(cu yd)	STON*	Cu m	(cu yd)	STON*
2	Earth, graded and drained		NONE			NONE	
3	102-mm (4-in) (two-lane, 152-mm (6-in) stabilized earth or stone)	429	(560)	840	1,330	(1,740)	2,610
4	25-mm (1-in) cold surface treatment on 102-mm (4-in) (two-lane, 152-mm (6-in) stabilized stone)	571	(746)	1,119	1,521	(1,988)	2,982
5	25-mm (1-in) cold surface treatment on existing primed base	96	(125)	188	238	(311)	467
6	51-mm (2-in) cold road mix, cold laid asphalt on 152-mm (6-in) primed stabilized stone	856	(1,118)	1,677	1,758	(2,298)	3,447
7	76-mm (3-in) cold road mix, cold laid asphalt on 162-mm (6-in) primed stabilized stone	998	(1,305)	1,958	1,949	(2,547)	3,822

*Based on 1.5 STON/cu yd. For compacted-thickness, add 25 percent.

*Table 6–4. Fixed Bridge Superstructure Requirements for I Kilometer of Road**

	1	2	3	4	5	6
1	Type of span (Keyed to AFCS 852 series)	Percentage	Meters (ft)	STON	MTON	Man-hours
2	Class 25, timber, 4.25-m (14-ft) span	20	1.50 (4.9)	1.75	2.80	52.5
3	Class 60, six 27-in WF beams, 11.2- to 11.8-m (37- to 38-ft) span	21	1.57 (5.1)	3.04	3.04	29.0
4	Class 60, seven 36-in WF beams, 18.2- to 20.4-m (60- to 67-ft) span	24	1.80 (5.9)	6.17	2.84	50.0
5	Class 60, ten 36-in WF beams, 24- to 25.9-m (79- to 85-ft) span	12	0.90 (3.0)	3.80	1.75	35.3
6	Class 60, six 51-in deck plate girders, 35.3- to 36.3-m (116- to 119-ft) span	11	0.83 (2.7)	3.50	2.70	30.7
7	Class 60, seven 51-in deck plate girders, 37.2- to 39.4-m (122- to 128-ft) span	12	0.90 (3.0)	4.90	3.60	36.5
8	Total	100	7.50 (24.6)	23.16	16.73	234.0

*Does not include substructures. All bridges are double-lane and have timber decking and walkways with handrail.

average percentages of the various types of standard military bridging spans. Timber bridge data are based on typical timber bridging with 4.6-meter (15-ft) wood stringers (TM 5—312). Semipermanent steel highway bridging is described in TM's 5—302 and 5—312. Normally, for gaps greater than 25 feet, steel stringers will be used (TM 5—312).

*Table 6—5. Construction Effort in Man-Hours for 1 Kilometer of New Road**

1		2	3	4	5	6	7
		3.7m (12-ft) Single lane plus 1.2-m (4-ft) shoulders			7.3m (24-ft) Double lane plus 1.2-m (4-ft) shoulders		
1	Terrain	Grading only	Grading and 152-mm (6-in) gravel	Grading and 152-mm (6-in) gravel and 76-mm (3-in) asphalt	Grading only	Grading and 152-mm (6-in) gravel	Grading and 152-mm (6-in) gravel and 76-mm (3-in) asphalt
2	Swamp, avg 4-ft fill, no vegetation	3,430	4,868	5,956	5,066	8,375	11,061
3	Flat prairie, avg vegetation, 0- to 20-percent rock**	2,627	3,728	4,561	3,879	6,413	8,470
4	Rolling, avg vegetation, 0- to 20-percent rock	4,118	5,844	7,149	6,080	10,052	13,277
5	Hilly, forested, 0- to 20-percent rock	6,318	8,966	10,969	9,329	15,424	20,371
6	Mountain, forested, no rock	7,875	11,176	13,673	11,629	19,225	25,392
7	Mountain, 1- to 2-percent rock	11,422	16,210	19,832	16,866	27,884	36,828
8	Mountain, over 20-percent rock	14,526	20,614	25,220	21,449	35,641	46,835

*See TM 5—301, 5—302, 5—303 for more detailed man-hour and equipment hour estimates. Bridging and culverts are not included.

**Base data line.

(5) *Construction effort.* Table 6—5 shows the net effective man-hours of engineer construction effort required for grading and surfacing 1 kilometer of new one lane road (3.7-m traffic lane plus 1.2-m shoulders). The table is based on pit-bank-run gravel, except for lines 7 and 8, which are based on crushed rock. Man-hour efforts for bridging and culverts are not included.

c. Road Rehabilitation. Materials and efforts required to rehabilitate roads after action, in percentages of the materials and effort required for new construction, are shown in table 6—6.

Table 6—6. Rehabilitation—Equivalent Percentages

1	1	2
1	Rehabilitation of—	Equivalent percentages of new construction
2	Roads	10 to 20
3	Culverts	15
4	Bridges	50 to 90

d. Road Maintenance. After rehabilitation, and allowing for fair wear and tear but no additional damage in action, suitably trained and equipped engineer troops maintain one kilometer of roads based on the following general planning factors:

Type of road	*Net effective effort man-hours per km per day*	
	Single lane	*Double lane*
Earth, graded and drained	1.7	1.7
Bituminous surface, cold patch	2.1	2.4

6—12. Airfield/Heliport Construction

a. General. For planning purposes, the Air Force/Army will furnish and/or define aircraft characteristics, allowance factors and formulas, broad design, layout and construction criteria, and policy guidance in the form of definitive drawings, specifications, regulations, manuals, or other appropriate references applicable to the theater of operations (TO) construction requirements peculiar to their particular aircraft. They also will submit their specific requirements in broad engineering terms together with general site and ultimate development plans. Army engineer troops will be responsible for site reconnaissance and recommendations, surveys, flexible pavement design, layout adaption, and construction.

b. Airfield—Heliport Types. Airfield or heliport types are derived by combining designated controlling aircraft or helicopters, respectively,

tailed information and data on pipeline equipment and a discussion of pertinent pipeline planning considerations where deliberate planning and estimates are needed.

Table 6–13. Capacity of Standard Military Lightweight Steel Tubing

1	1 Nominal tubing size (in)	2 Inside diameter or line (in)	3 Nominal design capacity (bph)	4 Emergency capacity (bph)	5 Safe working pressure (psi)	6 Maximum working pressure (psi)	7 Barrels per day	8 Gallons per day	9 Net STON per day**
2	4	4 350	355	393	600	750	14,910	298,000	910
3	6	6.415	785	1,000	600	750	32,970	660,000	2,000
4	8	8.415	1,355	1,730	500	625	56,910	1,140,000	3,480
5	12	12.481	7,150	11,400	400	500	300,300	6,000,000	18,300

*Computed at nominal design capacity, using an average operating day of 20 hours

**Average, all products.

Table 6–14. POL Pipeline Construction Requirements

1	1 Type	2 STQN	3 MTQN	4 Man-hours
2	4-in by 12.9-km, with 355-bph pump station	201	257	4,784
3	6-in by 27-km, with 785-bph pump station	600	950	10,594
4	8-in by 27-km, with 1,355-bph pump station	725	1,528	11,464

c. Tank Farms.

(1) Based on the theater level of supply, the planner determines the tank farm construction requirements. These requirements may vary dependent upon the desired supply level of petroleum stored in the tank farm. This variation may be from a 30- to 60-day level, depending on the distance of tanker haul and probability of tanker losses through enemy action.

(2) Table 6—15 provides representative data for estimating tank farm construction along a pipeline system. These data include the tanks, pipe manifolds to the individual tanks, pumps, valves, etc., necessary for operation of the tank farms. Current doctrine for dispersion of facilities prescribes that not more than 250,000 barrels of bulk storage capacity will be constructed within 6.5 kilometers of another tank farm. Marine terminals listed in the table are used at ports or beaches and include the receiving tank farm and all facilities for mooring tankers offshore and pumping petroleum products to the tank farm.

*Table 6–15. Representative Marine Terminal and POL Tank Farm Construction Requirements**

1	1 AFCS #	1 Installation	2 Capacity (bbl)	3 Site area (sq m)	4 STON	5 MTQN	6 Man-hours
2	QA 1145	Marine tml, with submarine pipeline	200,000	242,800	1,469	2,200	49,686
3	QA 1095	Marine tml, with jetty	200,000	242,800	1,796	2,460	56,586
4	QA 1045	Marine tml, with existing dock**	200,000	242,800	1,577	2,258	47,510
5	QB 1089	Tk farm, with 6-in pipe and accessories**	100,000	93,000	589	614	20,991
6	QB 1119	Tk farm, with 8-in pipe and accessories**	200,000	125,500	1,116	1,104	37,376

*Refer to TM 5–301 series for construction requirements for all AFCS marine terminals and tank farms. Data shown may be multiplied by appropriate requirement factor for HASTY planning purposes only.

**Using 10,000- and 3,000-bbl bolted steel tks; other use 50,000-bbl welded steel tks and 10,000- and 3,000-bbl bolted steel tks.

6–15. Port Construction

a. Approximate Planning Factors for Material and Man-hour Requirements.

(1) Table 6–16, based on data in TM 5–301, shows the material and man-hour requirements for the construction of new water terminal facilities adequate for the handling of up to 2,000 STON of discharge dry cargo per day in a 20-hour operation. The facilities include ship or lighter wharf space (150m x 27m), access road from wharf to road net, and minimum covered and open storage.

Table 6–16. Port Construction Requirements

1	Item	2 Dimensions (meters)	3 Number required	4	5	6	7	8	9	10	11	12
				5-ft tide			15-ft tide			25-ft tide		
				STON	MTON	Total man-hours	STON	MTON	Total man-hours	STON	MTON	Total man-hours
2	Total port, steel frame* (Lines 6, 7, and 10–17)			6,224	6,418	114,569	6,333	6,623	116,071	7,697	7,728	131,125
3	Wharf, timber	152 40 x 18 28		2,030	2,050	21,340	2,103	2,116	21,780	2,611	2,556	24,610
4	Wharf, railroad approach trestle	30 48 x 10 66		324	325	5,900	340	342	6,040	422	412	6,820
5	Wharf, road approach	30 48 x 7 31		96	105	3,230	101	110	3,240	121	128	3,460
6	Wharf, lighterage	152 40 x 10 66	1	687	825	11,770	687	825	11,770	687	825	11,770
7	Pier, timber	152.40 x 27.43	1	2,798	2,776	29,040	2,920	2,894	29,200	3,656	3,533	35,430
	Rapidly Emplaced Port Facilities											
8	Pier, barge-type, self-elevating 1											
	FSN 1945-575-0570	13 71 x 17 06 x 1 82										
	1945-999-7900	45 72 x 18 28 x 3.04	1 (Commonly used as approach span for 91 44m units)									
	1945-591-4314	76 20 x 18 28 x 3 04										
	1945-999-7899	91 44 x 24 38 x 3 96	2 (Number of piers indicated approximately 2, (equates to									
	1945-573-5227	91 44 x 27 43 x 3 96	one pier, timber (152 40m x 27 43) less approach)									
	1945-591-4313	130 14 x 27 43 x 4 57										
9	Shore connection span	24 07 x 9 14										
	Major Ancillary Port Facilities											
10	Steel frame bldgs with interior*	Total	6	124	124	4,894						
	Administration	6 09 x 30 48 x 2 43	1	19	19	1,018						
	Firehouse	138 54 sq m	1	13	14	657						
	Guardhouse	6.09 x 18.28 x 2.43	1	14	15	687						
	Whs, closed	12 19 x 30.48 x 3 65	2	78	76	2,532						
11	Steel frame sheds*	Total	6	64	71	2,682						
	Whs, shed	12 19 x 30 148 x 3 65	3	63	69	2,562						
	Interior, whs shed	12 19 x 30 48	*3	1	2	120						
12	Railroad	1 609 km	1 7	496	508	11,162						
13	Railroad approach trestle	27 43 x 131 06	1	1,847	1,796	27,020						
14	Railroad turnout, no 8		8	48	104	2,512						
15	Ramp, landing	836 1 sq m	2			2,224						
16	Road	1,609 km	11	54	69	12,250						
17	Other construction, on-land	10 66 x 152 40	1	106	145	11,015						

ERECTION CRITERIA

Site preparation 1 to 2 weeks
Pier erection (ideal condition) 3 to 5 days

Pier erection (normal condition) 2 to 5 weeks

Towing to site 600-hp, 65-ft harbor tug or equivalent, time variable

*Wood frame facilities similar, however increase erection times by 3 percent

(2) Almost all modern shipping is done by containership. New information concerning construction requirements for container piers is being developed for inclusion in TM 5–301. The timber facilities described above are inadequate for container material handling equipment (MHE). Use of containerships will greatly reduce covered storage requirements.

(3) Table 6–17 shows the material and man-hour requirements for the rehabilitation of a 153-meter deep-draft wharf, clearance of debris, and new construction of other terminal facilities for up to 1,000 STON per day. This includes repair of cratered wharf faces by timber and V-trestle construction to a new width of 18 meters.

Table 6–23. Dredging Planning Factors

1	2	3	4	5
1 Item	Type of dredge			
	Hydraulic suction[1]	Dipper	Clamshell or orange peel	Seagoing hopper[2]
2 Size	12- to 28-in pipe	1.5 to 12.0 cu m	1 to 7 cu m	385 to 6,230 cu m
3 Operating personnel	Varies from 12 to 90 man crews, depending on size of dredge and number of shifts being worked			
4 Operating characteristics and principal use.	Best in soft or loose material, but can also dig firmer material, varying from compacted sands and conglomerates to some types of coral	Loose rock, clay, hard packed conglomerate, and excavation. Can also be used to dredge the type of material which hydraulic suction dredges excavate, but at lesser efficiency. Generally requires loading in scows for disposal	Dredging in limited areas, caisson work, debris clearance. Generally requires loading in scows for disposal. The material dredged is of the softer type, such as silt and mud	Operates in areas exposed to open sea conditions. Operates most efficiently in free flowing materials, such as loose sand, muds and silts.
5 Maximum swells affecting operations.	0.9m (3 ft)	0.5m (2 ft)	1.5m (5 ft)	Designed for dredging in rough water.
6 Maximum dredging depth	7.6–19.8m (25–65 ft)	6.0–15.2 m (20–50 ft)	Great depths	11.0–18.2m (36–60 ft)
7 Average daily capacity[3]	3,000 cu m (12-in pipe)	1,500 cu m (1.5 cu m dipper)	450 cu m (1-cu m clam shell or orange peel)	15,000 cu m (6,230 cu m hopper)
	20,000 cu m (28-in pipe)	6,900 cu m (12.0-cu m dipper)	3,200 cu m (7-cu m clam shell or orange peel)	15,000 cu m (6,230 cu m hopper)

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[1]Disposal is by pipeline to upland disposal areas or in water areas a sufficient distance from the dredged areas to prevent significant infill.

[2]Hopper dredges are used primarily in dredging inlet channels leading from exposed offshore areas to a sheltered harbor. In a military operation, it is probable that all other dredging will be accomplished with local dredges.

[3]Based on 24-hour operation at 60-percent effective time.

6–16. Tentage

Table 6–24 furnishes data on tentage. For additional information on tentage refer to FM 20–15 and FM 20–16.

Table 6–24. Tentage Data

1	1	2	3	4	5	6	7	8
1	LIN	Type of tent	Length (ft)	Width (ft)	Peak height (ft)	Floor area (sq ft)	Weight packed (lb)	Volume packed (cu ft)
2	V47071	Arctic, 10-man, FMWWR*, hexagonal	17.5	17.5	8.5	198.9	76.0	7.3
3	V47345	Assembly, M–1942, FMWWR*	80.0	40.0	18.0	2,856.5	1,755.0	100.0
4	V47482	Command post, M–1945, FMWWR*	20.6	10.0	9.0	172.0	224.0	9.9
5	V47756	Aviation maintenance, small, frame	10.0	12.0	12.0	120.0	361.0	26.8
6	V47893	Frame-type, balloon inflation, M—1957	15.2	14.0	12.8	210.0	930.0	56.5
7	V48161	Maintenance, frame, FMWWR*	32.0	20.0	14.0	640.0	1,949.0	237.0
8	V48304	Maintenance, frame, insulated, sectional	16.0	16.0	8.0	256.0	2,410.0	259.5
9	V48578	General-purpose, large, FMWWR*	52.0	18.0	12.0	936.0	820.0	69.0
10	V48989	General-purpose, medium, FMWWR*	32.7	16.0	10.0	528.0	579.0	33.0
11	V49126	General-purpose, small, FMWWR*, hexagonal	17.5	17.5	10.5	198.9	186.0	8.0
12	V49537	Hexagonal, lightweight, M–1950, FMWWR*	13.3	13.3	8.5	113.2	56.0	3.8
13	V49948	Kitchen, flyproof, M–1948	18.0	12.0	9.0	216.0	380.0	26.2
14	V50058	Maintenance shelter, FMWWR*	26.8	18.2	14.0	486.8	1,155.0	84.0
15	V50496	Mountain, two-man	6.8	14.5	3.6	30.8	9.5	0.7
16	V50633	Nike-Hercules, air-supported	71.4	15.4	12.9	995.0	1,425.0	198.0
17	V50907	Radome, air-supported, circular	24.0	24.0	19.7	452.0	1,029.0	85.0
18	V52414	Maintenance, missile test shop	6.0	8.8	8.6	40.0	50.0	3.0
19	V52551	Missile equipment console, pulse acquisition radar, front	6.7	8.0	7.7	40.0	50.0	4.0
20	V52688	Missile equipment console, pulse radar, rear	4.0	8.0	8.6	26.0	40.0	3.5
21	V52825	Missile equipment console, range radar	6.8	8.3	8.3	55.7	60.0	4.0

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*Fire-, mildew-, water-, and weather-resistant.

Section IV. COMBAT ENGINEER DATA

6–17. River and Gap-Crossing Equipment

a. Table 6–25 lists the characteristics of assault boats. For details, see FM 5–34, FM 31–60, and TM 5–210.

Table 6–25. Characteristics of Assault Boats

	1	2	3	4	5	6	7
1	River-crossing means	Crew (engr)	Maximum load (in addition to crew)	Maximum stream velocity (m per sec)	Time in minutes for round trip across stream (width)		
					90m	150m	300m
2	Plastic assault boats	3 men	12 riflemen with individual equipment	1.2	4	6	10
3	25-hp outboard motor, propelled	2 men	12 riflemen with individual equipment	1.5	3	4	5
4		2 men	7 riflemen with individual equipment	2.5	3	4	5
5	Employed as storm boat	1 man	5 riflemen with individual equipment	3.2	3	4	5
	Pneumatic assault boat:						
6	Paddled	3 men	12 riflemen with individual equipment	1.5	4	6	10
7	25-hp outboard motor, propelled	2 men	12 riflemen with individual equipment	3.5	-------	4	5

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b. Table 6–26 lists the characteristics of rafts and ferries. Various-sized rafts and ferries capable of carrying light tactical vehicles or the heaviest division loads can be constructed from standard river-crossing equipment. When required, preparation or construction of roads and approaches *normally is more time consuming* than raft construction. Site preparation time, rather than raft or ferry construction time, normally is the deciding factor in arriving at operational times for rafts or ferries.

NOTE: Commanders and staff planners must exercise caution in using the construction times listed in table 6–26 (column 5) to determine operational times for rafts.

Table 6–26. Characteristics of Rafts and Ferries

a. Rafts

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	Type of raft or ferry	No of pontoons or floats	Length (m)		Construction time (min)[b]	Construction party	Operating crew	Class and number of power units needed[c]								Type of power unit required	Transportation required (For raft equip only Additional needed for const equip and trps)	
			Overall including ramps	Available for loading[a]				Normal crossing				Risk crossing					No of units	Unit
								Stream velocity (m per sec)										
								1 0	1 6	2 3	3 0	1 0	1 6	2 3	3 0			
2	Light tactical raft without articulators	4 (3 bay)	14 3	10 0	30	1 plt	1 sqd and out board motor operators	16 1	16 1	13 2	4 4	20 1	20 1	18 2	8 4	25 hp outboard motor[d]	2	2½-ton cargo truck with 2½-ton pole trailer
		5 (5 bay)	21 1	16 8	35			16 1	15 1	12 2	6 4	19 1	18 1	16 2	9 4		2	
		6 (5 bay)	21 1	16 8	40			18 1	18 1	18 3	13 4[e]	22 1	22 2	22 3	18 4[e]		2	
	Light tactical raft with articulators	4 (3 bay)	18 0	10 0	30			12 1	12 1	12 2	4 3	14 1	14 1	14 2	9 4		2	
		4 (4 bay)	21 4	13 4	35			10 1	10 1	10 2	2 3	12 1	12 1	12 2	6 4		2	
		5 (5 bay)	24 8	16 8	40			9 1	9 1	9 2	6 4	11 1	11 1	11 2	9 4		2	
		6 (4 bay)	21 4	13 4	40			13 1	13 1	13 2	12 4[e]	15 1	15 1	15 2	15 4[e]		2	

See footnotes at end of table

Table 6–30. Logistic and Construction Data for Military Fixed Highway Bridges

1	Item	2	3	4	5	6	7	8	9	10	11	12	13	14
		Panel bridge, Bailey-type, M2							Beam bridges				Truss and girder bridges	
		Effective length of bay, 10 ft							I-beam stringers		WF-beam stringers		Truss	Girder
		Single truss single story	Double truss single story	Triple truss single story	Double truss double story	Triple truss double story	Double truss triple story	Triple truss triple story	30-ft span	60-ft span	27-in. depth	36-in. depth	90-ft span	48-in. depth
2	Weight per bay (STON)	2.76	3 41	4 01	4.66	5.88	6.46	8.29	12.9	35.3	31.2	116.0	49.9	177.0
3	Cubage per bay (MTON)	9 00	11.00	13.00	14.00	18.00	20.00	26.00	15.5	36.0	28.5	105.0	70.7	142.4
4	Type of issue (cl)	II	II	II	II	II	II	II	IV	IV	IV	IV	IV	IV
5	Transportation per bay	3.40/ 1.0	2.20/ 0.70	2.60/ 0.70	3.00/ 0.70	3.80/ 0.90	3.70/ 0.80	5 50/ 0.90	No data aval		No data aval		No data aval	
6	Man-hours to erect 1 bay	58.00	37 00	49.00	63.00	98.00	161.00	281.00	No data aval		No data aval		No data aval	

*Table 6—31. Data for Medium Girder Bridge (MGB)**

SSB length Vs gap width							DSB length Vs gap width					
	Bridge length		Maximum gap width				Bridge length		Maximum gap width			
No bays	Meters	Feet	Meters	Feet	Load class	Bridge bldg times (min) day/night	Meters	Feet	Meters	Feet	Load class	Bridge bldg times (min) day/night
4	7.9	26	6.1	20	NA	NA	16.8	55	14.3	47	NA	NA
5	9.8	32	7.9	26	60	30/45	18.6	61	16.2	53	NA	NA
6	11.6	38	9.8	32	50	NA	20.4	67	18.0	59	NA	NA
7	13.4	44	11.6	38	40	NA	22.3	73	19.8	65	NA	NA
8	15.2	50	13.4	44	30	45/60	24.1	79	21.7	71	NA	NA
9	17.1	56	15.2	50	24	NA	25.9	85	23.5	77	NA	NA
10	18.9	62	17.1	56	20	NA	27.7	91	25.3	83	NA	NA
11	20.7	68	18.9	62	16	60/75	29.6	97	27.1	89	NA	NA
12	22.6	74	20.7	68	NA	NA	31.4	103	29.0	95	60	90/120

*All data *provisional,* pending publication.

6—18. Field Fortifications

The figures given in tables 6—32 through 6—35 are for daylight; for work at night, increase labor requirements by 50 percent.

a. Personnel and Weapon Emplacements. Table 6—32 lists the characteristics of typical personnel, individual weapon, and crew-served infantry weapon emplacements. Data in these tables are taken from FM 5—15, which should be used if greater detail is required.

Table 6—32. Typical Personnel, Individual, and Crew-served Weapon Emplacements

1	2	3	4	5	6	7	8	9	10	11	12
	Protection afforded				Total construction time in man-hours[b]			Weight and volume of materials for complete revetment			
					Complete revetment			Corrugated metal construction		Sized lumber construction	
1 Type of emplacement or shelter[a]	Fortification protection (NUCWPN)	Thermal effects (NUCWPN)	Truck vehicles	Artillery fragments	Corrugated metal constr	Sized lumber constr	No revetment materials used	Wt (lbs)	Vol (CF)	Wt (lbs)	Vol (CF)
2 Improved crater	90	Fair	Very poor	Poor	NA	NA	0.5	NA	NA	NA	NA
3 One-man foxhole—open	65	Very good	Good	Good	3 5	4 5	2 0	190	3.5	240	8.0
4 One-man foxhole w/half cover/dragon	55	Very good	Fair	Very good	4 5	5 5	2.5	200	3.5	200	8.0
5 Two-man foxhole—open	65	Good	Good	Good	6 0	8 0	3.0	280	5 0	320	10.0
6 Two-man foxhole w/half cover	60	Very good	Fair/good	Very good	8.0	10.0	3.5	280	5.0	350	11.0
7 Trench, open fighting (25 ft long)	85	Good	Fair	Fair	28.0	32 0	21 0	490	8.0	710	22 0
8 Machine-gun empl, horseshoe w/cover	55	Very good	Fair	Very good	11.0	14.0	NA	720	13 0	890	27.0
9 Two-man foxhole machinegun empl w/half cover and adjoining shelter	30	Excellent	Good	Excellent	10 0	28.0	NA	520	7 5	850	30.0
10 Pit-type empl for recoilless rifle/ton	80	Fair	Fair	Fair	5 0	6 0	3.0	110	1.0	160	5.0
11 Mortar empl, 81-mm	80	Fair	None	Fair	12.0	NA	NA	210	3.0	NA	NA

[a]See FM 5—15 for details and more specific applications.
[b]Assumes normal digging capability in daylight w/trained troops using D-handle shovels and ordinary carpentry tools

b. Man-hour Requirements. Using axes and chainsaws, 4 man-hours' labor is required for clearing 100 square yards of brush and a few trees up to 12 inches in diameter; for clearing brush only, 2 man-hours' labor is required.

c. Barbed Wire Obstacles.

(1) Table 6—33 lists the physical characteristics of materials used in barbed wire and barbed tape entanglements.

Table 6–33. Wire Entanglement Material Requirements

Material	Approximate weight		Approximate length		No carried by one man	Approximate weight of man-load	
	kg*	lb	meters	feet		kg	lb
Barbed wire reel	41.5	91.3	400	1312	¼	21	46
Bobbin	3.5– 4.0	7.7– 8.8	30	98	4–6	14.5–24.5	32–54
Barbed tape dispenser	0.77	1.7	0.45	1.5	20	15.5	34
Barbed tape carrying case	14.5	31.9	300	984	1	14.5	32
Standard barbed tape concertina	14	31.8	15.2	50	1	14	31
Standard barbed wire concertina	25.4	55.8	15.2	50	1	25	55
Expedient barbed wire concertina	13.5	29.7	6.1	200	1	13.5	30
Screw pickets:							
Long	4	8.8	1.6	5.25	4	16.3	36
Medium	2.7	5.9	0.81	2.66	6	16.3	36
Short	1.8	3.9	0.53	1.75	8	14.5	32
U-shaped pickets.							
Extra long	7.25	16	2.4	7.9	3–4	21.8–29.0	26–64
Long	4.5	9.9	1.5	4.9	4	18.1	40
Medium	2.7	5.9	0.81	2.66	6	16.3	36
Short	1.8	3.9	0.61	2.0	8	14.5	32
Wooden pickets:							
Extra long	7.7–10.5	16.9–23.1	2.13	7.0	2	15.4–20.8	34–46
Long	5.4– 7.25	11.8–15.9	1.5	4.9	3	16.3–21.7	36–48
Short	1.4– 2.7	3– 5.9	0.75	2.5	8	11.0–21.7	24–48

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*Kilogram (kg).

(2) Table 6—34 lists the material and labor requirements for constructing 300-meter sections of various types of barbed wire obstacles. This table and the following rules of thumb may be used to estimate the material, manpower, and transportation requirements for barbed wire obstacles.

(a) Length of tactical wire entanglement is 1½ times the length of front times the number of belts.

(b) Length of protective wire entanglement is 5 times the length of front times the number of belts. Protective wire for units is 2½ times the average platoon frontage times the number of platoons involved.

(c) Length of supplementary wire in front of the forward edge of the battle area (FEBA) is 1¼-times the length of front times the number of belts. Length of supplementary wire behind the FEBA is 2½ times the distance from the FEBA to the rearmost reserve unit times the number of belts.

Table 6–34. Material Requirements for Construction of 300 Meters of Expedient Concertina Wire Entanglements

	1	2	3
		Kilograms of materials per 300 m of entanglement[a]	Man-hours to erect 300 m of entanglement[b]
1	Type of entanglement	Std concertina/barbed tape	
2	Double-apron, 4- and 2-pace	1380/1050	59
3	Double-apron, 6- and 3-pace	1080/780	49
4	High wire (less guy wires)	1590/1200	79
5	Low wire, 4- and 2-pace	1080/840	49
6	4-strand fence	660/540	20
7	Double expedient concertina	2070/	40[c]
8	Triple expedient concertina	3120/	99[c]
9	Triple standard concertina	2370/1620	30[c]

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[a]Average weight when any issue metal pickets are used.

[b]Man-hours are based on the use of screw pickets. With the exception of the triple-standard concertinas, add 20 percent to the man-hours when driven pickets are used. With experienced troops, reduce man-hours by one-third. Increase man-hours by 50 percent for nightwork.

[c]Based on concertinas being made up in rear areas and ready for issue. One expedient concertina opens to 6-meter length, as compared with 15 meters for a standard concertina for ties.

6–19. Minefields

a. General. For detailed information on mine warfare, see FM 20–32 and FM 20–32A.

b. Standard Landmines. Table 6–35 provides data on standard landmines to include the M56 scatterable mine. (See also FM 5–34.)

Table 6–35. Standard Landmines

	1	2	3	4	5	6
1	LIN	Type	Unit wt (lb)	No per container	Gross wt (lb)	Cubage (cu ft)
2	M45945	Apers, M14	0.21	90	44	1.73
3	M46082	Apers, M16A2	8.0	4	44.8	0.78
4	M46493	Apers, M18A1	2.5	6	33	1.30
5	M48959	Apers, M23, cml VX	23	3	85	3.1
6	M46630	Apers, M26	2.2	18	60	1.5
7	M47863	At, M15	30.1	1	49	1.2
8	M48000	At, M19, HE HEAT	28	2	71.8	1.6
9	M48137	At, M21	17.25	4	90.8	4.2
10	M48205	At, M24	23.75	2	70	2.61
11	M48239	At, M66	26	1	30	1.30
12	M48822	Cml, 1-gal	11.0	10	115	2.0
13	M48996	Apers, M56 scatterable	5.6	80	640	9.6

c. Minefield Estimates. Table 6–36 may be used for initial estimates of materiel, transportation, and labor requirements to emplace various minefields. The table is based on a standard pattern (three strips for protective, eight for defensive, and nine for barrier minefields). No safety factor for loss or damage to mines and fuzes in transport is included in the data. Normally, there is a 10-percent allowance for such loss.

Table 6–36. Manpower, Materiel, and Transportation Requirements for Emplacement of Minefields

	1	2	3	4	5	6
		Units per 1,000 meters of minefield			Nuisance mining	
1	Item	Protective[d]	Defensive 1–4–8[b]	Barrier 3–4–8[b]	Harassing per kilometer[b]	Route mining per kilometer
2	Manpower					
3	Man-hours	370 0	2,420.0	3,213.0	8 0	71 0
4	Platoon hours (30 men)	12 3	80 7	107 1	0 27	2.37
5	Company-days (3 plt, 10 hr per day)	0.4	2 7	3 6	0 009	0 08
6	Tonnages:					
7	Short tons	10 83	74.37	142 37	0 42	2 296
8	Measurement tons	16 43	81.44	161 88	0 23	2 340
9	Trucks required:					
10	2½-ton (M35)–4 tons or 407 cu ft	2 7	18 6	35 6	0 1	0 6
11	5-ton (M54)–6 tons or 513 cu ft	1 8	12 4	23.7	0 07	0 38
12	5-ton (M51)–7½-ton or 135 cu ft	4 9	24.2	48.0	0 07	0 7
13	Antitank mines	500 0	1,632 0	4,564 0	4 0	30 0
14	Metallic (M15)	(125 0)[d]	(1,306 0)	(3,651 0)	...	...
15	Nonmetallic (M19)	...	(326 0)	(913.0)	(1 0)	...
16	Mine, AT, HE (M21)	(375 0)	...	...	(3 0)	(25 0)[e]
17	Antipersonnel mines					
18	Blast (M14)	1,000.0	12,601 0	12 601 0	15.0	175.0
19	Fragmentation (M16A1)	...	6,194.0	6,194 0	25 0	325 0
20	Directional (M18A1)	1,000 0	...	...	5 0	20 0
21	Firing devices	...	164.0[f]	1,460 0[f]	2 0[g]	10.0[g]
22	Trip flares (M49)	100 0	100 0	100 0	...	...
23	Barbed wire (400 yd reel)[h]	...	10 6	11.6	...	...
24	Pickets, long	...	140 0	150 0	...	...

[a]No irregular outer edge (IOE) in protective field

[b]IOE cluster composition for defensive and barrier minefields is 1–2–2.

[c]Based on laying rate of 4 antitank, 8 antipersonnel fragmentation, or 16 antipersonnel blast mines per man-hours

[d]Reduce number of mines in defensive and barrier minefields 50 percent when using M21 mines in place of M15 mines

[e]Twenty percent of M15 and M19 boobytrapped with two devices.

[f]Five percent of M15 and M19 boobytrapped with two devices

[g]One hundred percent of M19 boobytrapped with two devices. M21 cannot be boobytrapped with devices

[h]Sides and rear of minefield only.

d. Minefield Clearance. Table 6–37 may be used for initial estimates of time and materiel requirements for clearing or breaching minefields.

Table 6–37. Minefield Average Breaching/Clearing Time and Material Requirements

Method	Width of cleared lane (in meters)	Man-hours rqr per 100 meters	Remarks
Manual			
Location by probing	1 (footpath)	16–22	See note.
Removal by rope or explosives	8 (one-way vehicle lane)	38–44	See note.
Location by detector, enlisted by probing	8 (one-way vehicle lane)	27–33	See note.
Removal by rope or explosives	8	220–247	See note.
Explosive			
Demolition snakes, M3A1	6	40–100	
Demolition snake M157 (Diamond Lil)	3.5–4.5	6–8	+6 –8 manhours to assemble
Bangalore torpedo	1 (footpath)	3.5–4.5	See note.

NOTE: Based upon average conditions of visibility and moderate enemy activity and normal US countermeasures; i.e. screening of enemy observation and counterbattery fires against hostile artillery or other weapons covering the field.

e. Artificial Obstacle Requirements. Table 6–38 may be used for initial estimates of types of materiel and manpower requirements for artificial obstacles.

Table 6–38. Average Requirements for Artificial Obstacles (400 Square Kilometers)

	1	2	3	4	5	6	7	8	9	10	11	12	13
		Defensive operations				Retrograde operations				Offensive operations			
	Item and unit	Easy movement	Moderate movement	Difficult movement	Very difficult movement	Easy movement	Moderate movement	Difficult movement	Very difficult movement	Easy movement	Moderate movement	Difficult movement	Very difficult movement
	Minefields												
2	Barrier (km)	10 3	7 8	2 6	2 6	1 0	0 8	0 5	0 3	0 3	0 2	0 1	0 1
3	Defensive (km)	5 2	1 0	2 5	1 3	0 1	0 3	0 1	0 1	0 2	0 2	0 1	0 1
4	Protective (km)	0 3	0 2	0 1	0 1	0 5	0 4	0 3	0 1	0 5	0 4	0 3	0 1
	Nuisance mining												
5	Harassing (sq km)	70 0	55 0	45 0	20 0	250 0	180 0	150 0	75 0				
6	Facility denial (each)	70 0	85 0	100 0	100 0	55 0	65 0	65 0	65 0	7 0	7 0	6 0	6 0
7	Route mining (km)	45 0	35 0	25 0	12 0	115 0	100 0	70 0	45 0				
	Obstacles												
8	Highway bridges (each)	40 0	35 0	30 0	15 0	45 0	30 0	20 0	15 0	4 0	4 0	3 0	2 0
9	Railroad bridges (each)	3 0	3 0	3 0	2 0	3 0	3 0	3 0	2 0				
10	Tunnels (each)				1 0				1 0				
11	Abatis (each)	7 0	15 0	25 0	30 0	6 0	8 0	12 0	14 0	1 0	1 0	1 0	1 0
12	Road craters (each)	75 0	68 0	68 0	66 0	28 0	28 0	30 0	36 0	1 0	1 0	1 0	2 0
	Barbed-wire entanglements												
13	Double apron 4 2 pace (km)	25 0	25 0	25 0	25 0	2 5	2 5	2 5	2 5				
14	4-strand protective (km)	10 0	10 0	10 0	10 0	1 0	1 0	1 0	1 0				
15	Triple concertina (km)	6 5	6 5	6 5	6 5	0 5	0 5	0 5	0 5				
	Materiel												
16	Antitank mines (each)	58,117 0	44,478 0	29,953 0	15,678 0	10,577 0	8,841 0	6,075 0	4,012 0	2,030 0	1,360 0	842 0	742 0
	Antipersonnel mines												
17	Fragmentation (each)	118,132 0	93,911 0	63,169 0	31,996 0	59,647 0	51,014 0	36,567 0	25,253 0	4,017 0	2,679 0	1,900 0	1,700 0
18	Blast (each)	198,270 0	158,820 0	100,874 0	52,548 0	42,911 0	37,024 0	23,987 0	17,078 0	6,741 0	4,228 0	2,892 0	2,692 0
19	Firing devices, assorted (each)	16,761 0	12,844 0	8,722 0	4,569 0	3,396 0	2,837 0	2,007 0	1,315 0	499 0	337 0	187 0	187 0
20	Trip flares	3,655 0	3,275 0	2,855 0	2,475 0	400 0	358 0	300 0	258 0	100 0	70 0	30 0	30 0
21	Explosives (total) (lb)	99,000 0	93,800 0	93,800 0	88,600 0	65,300 0	60,300 0	54,500 0	52,600 0	5,100 0	5,100 0	4,100 0	3,100 0
22	Barbed wire (400-yd reels)	1,214 6	1,172 9	1,126 8	1,084 0	120 0	110 0	110 0	108 7	5 6	3 4	2 3	2 3
23	Concertina coils (each)	1,281 0	1,281 0	1,281 0	1,281 0	98 6	98 6	98 6	98 6				
24	Short tons	2,291 2	1,820 4	1,321 8	826 0	655 3	559 7	415 6	301 4	72 5	49 7	32 9	30 0
25	Measurement tons	2,473 7	1,948 0	1,383 2	827 8	610 1	519 3	372 3	265 5	79 6	53 6	3 7	30 8
	Manpower												
26	Platoon-hours (30 men)	1,981 0	1,600 0	1,174 0	753 5	596 6	512 6	382 6	281 9	63 0	43 0	29 8	27 2
27	Battalion-days (10-hr day, 4 co, 3 plt each)	16 5	13 3	9 8	6 3	5 0	4 3	3 6	2 3	0 5	0 4	0 3	0 2

Notes: 1 Terrain types having following characteristics:

a. *Movement*

(1) *Easy* Rolling or level, mostly open, trafficable land. (No one obstacle or combination of obstacles comprises more than 25 percent of the area.)

(2) *Moderate* Low hills, scattered forest, poorly drained land (Any one type of obstacle or combination of obstacles comprises 25 to 50 percent of the area.)

(3) *Difficult.* High hills, broken forests, poorly drained land (Any one type of obstacle or combination of obstacles comprises 50 to 75 percent of the area.)

(4) *Very difficult* Mountains, forests, marshes. (Any one type of obstacle or combination of obstacles comprises 75 percent of the area.)

b. *Obstacles*

(1) Hills and mountains—steep slopes and rough terrain.

(2) Forests—dense woods with trees that are large enough to stop tanks.

(3) Marsh—wet, swampy, untrafficable ground

2. Does not include tactical wire

6–20. Demolitions

Table 6–39 may be used for initial estimates of materiel and manpower requirements for the more common types of demolition tasks required in creating obstacles. See FM 101–10–3 for classified data and FM 5–25 for unclassified details on demolitions.

Table 6–39. Materiel and Manpower Requirements for Demolition of Individual Barrier Targets

1	1 Target	2 C–4 (lb)	3 TNT (lb)	4 Cratering charge (40-lb)	5 Shaped charge (40-lb)	6 Thermite grenades (each)	7 Squad-hours (10 men)
	Highways						
2	Major bridge (more than 400 ft)		1,200				3.0
3	Minor bridge (up to 400 ft)		800				2.0
4	Tunnel		12,000				5.0
5	Road crater (deliberate 25 ft road)		6	10	6–15		1.25
	Railroads						
	Major bridge (more than 400 ft):						
6	Single track		3,000				6.0
7	Double track		4,500				6.0
	Minor bridge (up to 400 ft):						
8	Single track		2,000				4.0
9	Double track		3,000				4.0
10	Tunnel		12,000				5.0
11	Terminal facilities	542	30			43	3.2
12	Rolling stock (locomotive and 30 cars)	6				121	3.2
	Airfields						
13	Runaway (per 1,000 ft)		5,500		25		8.0
	Fuel storage (per tk):						
14	Below ground		400			1	1.0
15	Above ground				1	1	0.2
16	Radar/radio apparatus		30			10	0.4
	POL facilities						
17	Storage and handling	4		15		10	1.2
18	Refining facilities	80				15	0.8
19	Distribution	10				2	0.2
	Electric power denial						
20	Generator		150			10	1.0
21	Transformer station		100			25	1.0
	Telecommunication denial						
22	Telegraph exchange	10				1	0.1
23	Telephone exchange	20				2	0.2
24	Repeater/radio station	40				2	0.2
25	Radio station	40					0.2
26	Radio link terminal	40					0.2
	Waterway denial						
27	Lock	110					0.6
28	Weir		1,000				2.0
29	Levee wall, aqueduct, or siphon			15			2.0
30	Dam (navigation)	500					2.5
31	Inland port facilities	20	20				0.4

6–21. Ford Trafficability

Data in table 6–40 are based on a moderate current (not more than 1.5 meters per second), hard bottom: and hard, dry approaches. Suitable waterproofing may materially increase fording depths of vehicles.

Table 6–40. Fording Data

1	1 Type of traffic	2 Fordable depth (m (ft))	3 Minimum width (m (ft))	4 Maximum desirable slope for approaches (percentage)
2	Foot	1.0 (3.3)	1.0 (3.3) (single file) 2.0 (6.6) (colm of 3's)	100
3	Trks and trkdr arty	0.6 (2.0)	3.7 (12.0)	33
4	Lt tks	1.0 (3.3)	4 3 (14.0)	50
5	Mdm tks *	1 2 (4.0)	4 3 (14.0)	50

*Depths up to 4.3 meters (14.1 ft) can be negotiated with deep-water fording kit.

6–22. Load-Bearing Capacity of Ice

The strength of ice varies with the structure of the ice, the purity of the water from which it forms, the cycle of formation (freezing, thawing, and refreezing), temperature, snow cover, and water currents. Tables 6–41 and 6–42 are based on the characteristics of good-quality waterborne ice. They may be used as guides until actual load tests are made to determine the load-bearing capacity of the ice.

Table 6–41. Ice Load-Carrying Capacity for Sleds

1	1 Ice thickness (cm (in))	2 Gross sled weight (tons)
2	15.0 (6.0)	1
3	17.5 (7.0)	2
4	23.0 (9 0)	5
5	33.0 (13.0)	10
6	40.0 (16.0)	15
7	46.0 (18.0)	20

Table 6–42. Ice Load-Carrying Capacity for Personnel and Equipment

1	1 Type of load	2 Gross weight (tons)	3 Minimum ice thickness (cm (in))	4 Minimum distance between loads (m (yd))
2	Soldier on skis or snowshoes	0.1	3.0 (1.2)	5.0 (5.5)
3	Soldier on foot	0.1	5.0 (2.0)	5.0 (5.5)
4	Infantry (col of 2's)		7.6 (3.0)	7.3 (8.0)
5	Infantry (col of 4's)		10.0 (4.0)	10.0 (11.0)
6	Wheeled-vehicle loads up to	3.5	23.0 (9.0)	15.0 (16.5)
7	Wheeled-vehicle loads up to	6.0	30.0 (12.0)	20.0 (22.0)
8	Wheeled-vehicle loads up to	10.0	40.0 (16.0)	25.6 (28.0)
9	Wheeled-vehicle loads up to	15.0	61.0 (24.0)	30.0 (33.0)
10	Tracked-vehicle loads up to	3.5	20.0 (8.0)	15.0 (16.5)
11	Tracked-vehicle loads up to	10.0	30.0 (12.0)	20.0 (22.0)
12	Tracked-vehicle loads up to	12.5	40.0 (16.0)	25.6 (28.0)
13	Tracked-vehicle loads up to	25.0	61.0 (24.0)	40.0 (44.0)
14	Tracked-vehicle loads up to	45.0	71.0 (28.0)	50.0 (55.0)
15	Tracked-vehicle loads up to	60.0	81.0 (32.0)	60.0 (66.0)

NOTE: (1) Ice must be almost pure (not polluted water), (2) it must *not* have been refrozen (partially thawed and frozen again), (3) it must be relatively free of air bubbles, and (4) it must not be broken through and refrozen.

Section V. MAPPING

6–23. Topographic Products and Related Materials

a. Topographic products are intelligence items produced by DOD agencies and Army Engineer units in support of the Army in the field. Topographic products are divided into (1) mapping, charting, and geodesy (MC&G) products; (2) military geographic information (MGI); (3) military geographic documentation (MGD); and (4) remote sensed imagery (photographic and nonphotographic sensors).

b. Types of Topographic Products.

(1) *Planimetric map.* A map that represents only the horizontal positions for features represented. It is distinguished from a topographic map by omission of relief in measurable form.

(2) *Topographic map.* A map that presents relief or the vertical positions of features in measurable form, as well as their horizontal positions.

(3) *Photomap.* A reproduction of a photograph or photomosaic upon which gridlines, marginal data, place names, and boundaries are added and which, in some instances, depicts relief graphically.

(4) *Military city map.* A large-scale topographic map (usually 1:12,500) of a town or city.

(5) *Special maps.* Maps designed for a special purpose such as trafficability maps, transportation maps, boundary maps, etc.

(6) *Photomosaic.* Assembly of air photographs to form a composite picture.

(7) *Joint operations graphics (JOG).* A series of 1:250,000 scale military maps designed for joint ground and air operations. The maps are published for ground (JOG-G), air (JOG-A), and radar (JOG-R). The three versions are produced from the same data base. The topographic information is identical on both JOG-G and JOG-A. JOG-G shows elevations and contours in feet. JOG-G and JOG-A emphasize the air landing facilities, but JOG-A has additional symbols to identify aids and obstructions to air navigation. JOG-R provides for planning, training, briefing, and execution of bombing operations and includes radar prediction, precise location of selected radar significant features, and annotation of targets.

(8) *Pictomap.* PICTOMAP is the acronym for Photographic Image Conversion by Tonal Masking Procedures. It is a map on which the photographic imagery of a standard photomap has been converted into interpretable colors and symbols.

(9) *Planning graphics.* 1:100,000 scale map prepared by enlarging, updating and intensifying a portion of 1:250,000 scale map. It is a substitute product for the 1:50,000 line map in areas where up-to-date identification and relative location of key terrain and man-made features are more important than positional accuracy.

(10) *Tactical commanders terrain analysis (TACCTA).* Special map and graphic intelligence aid consisting of photographs, text, and maps overprinted with intelligence data; usually covering a small geographic area.

(11) *Lines of communication (LOC) study.* The study presents an analysis of the main lines of communication within an area. Terrain topics include road nets, rail lines, waterways and ports, beaches, airlines, telephone and telegraph lines, pipelines, and radio nets. The study includes special maps which show the nets with description and diagrams. The study also includes the logistics and maintenance capabilities of individual facilities.

(12) *Tactical scale study.* This is a series of large scale map sheets on which the basic topographic information has been subdued and terrain intelligence has been overprinted to emphasize the primary use of the product. The overprints include cross-country movement maps, road nets, waterways, and other such special terrain data. Any commander may request a study be completed on his area of operations or he may request an update of information or that specific new overlays be added to the study.

(13) *Trig lists.* These contain all available positional data and elevations with the respective descriptions of horizontal and/or vertical control points, usually arranged according to the location of the control points within the limits of map sheets of large-scale series.

(14) *Gazetteer.* An alphabetical listing of place names giving features identification and geographic and/or grid coordinates.

(15) *Remote sensed imagery.* Includes various formats of black and white, color, infrared, and radar imagery.

c. Topographic Products. Detailed discus-

APPENDIX D
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