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# FM 21-6

# LIST OF PUBLICATIONS FOR TRAINING

JANUARY 1945

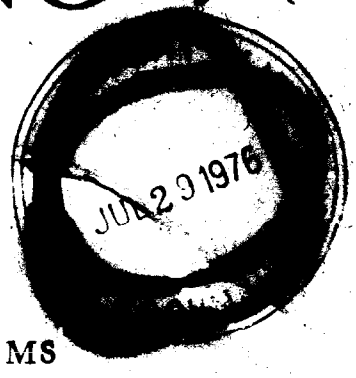
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# FM 21-6

WAR DEPARTMENT FIELD MANUAL

List of

# PUBLICATIONS FOR TRAINING




FIELD MANUALS

FIRING TABLES

LUBRICATION ORDERS

MOBILIZATION TRAINING PROGRAMS

TECHNICAL BULLETINS

TECHNICAL MANUALS

TRAINING CIRCULARS

This manual supersedes FM 21-6, December 1944.

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WAR DEPARTMENT - 20 JANUARY 1945

WAR DEPARTMENT

Washington 25, D. C., 20 January 1945

FM 21–6 List of Publications for Training is published for the information and guidance of all concerned.

[AG 300.7 (20 Jan. 45)]

BY ORDER OF THE SECRETARY OF WAR:

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For explanation of symbols, see paragraph 22.

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# SECTION I
# INTRODUCTION

**1. PURPOSE AND SCOPE. a. Purpose.** The purpose of this manual is to provide a list and index of War Department training publications as of 20 January 1945.

**b. Scope.** Lists and indexes in this manual are confined to the following training publications:

Combined Communications Board Publications
Field Manuals
Firing Tables and Charts
Mobilization Training Programs (not indexed)
Technical Bulletins
Technical Manuals
Technical Regulations (not indexed)
Training Circulars
War Department Lubrication Orders

**c.** War Department Graphic Training Aids are listed and described in FM 21–8; training films and film strips in FM 21–7.

**d.** A list and index of the following publications will be found in War Department Pamphlet 12–6, dated 15 November 1944, in process of publication:

Mobilization Regulations
Modification Work Orders
Readjustment Regulations
Supply Bulletins
War Department Pamphlets

**e.** Army Regulations are listed in AR 1–10 and indexed in AR 1–5. Additions, revisions, supersessions, and changes will be listed in WD Pamphlet 12–6, after 1 January 1945.

**f.** War Department general orders, bulletins, and numbered circulars will be indexed in WD Pamphlet 12–6, after 1 January 1945.

**2. CHANGES TO THIS MANUAL.** The practice of issuing changes in the form of monthly supplements to this manual has been discontinued. FM 21–6 is being published monthly as a recurring manual and includes all changes up to the time of publication. Publications added since the last issue will be indicated by an asterisk. Reference to previously issued copies of FM 21–6 should be discontinued.

**3. HOW TO USE THE MANUAL.** To obtain the most effective use of this manual, the user should first familiarize himself with its editorial contents. A careful study should be made of the subsequent Sections which outline the purpose and scope of the various training media, how they are numbered, how they are distributed, and how they are requisitioned.

# SECTION II
# TRAINING PUBLICATIONS

**4. COMBINED COMMUNICATIONS BOARD PUBLICATIONS (CCBP).** (List in par. 26) Combined Communications Board Publications are numbered pamphlets compiled by the Combined Commissions Board. They contain material formerly published in Field Manuals in the 24-series.

**5. FIELD MANUALS (FM).** (List in par. 27) Field Manuals constitute the primary means of promulgating the basic doctrines of military training and operations. They contain training instructions relative to tactics and technique.

**6. FIRING TABLES AND CHARTS.** (Lists in par. 28)

**a. Firing Tables (FT)** (1) *Definition.* Firing Tables are pamphlets containing exterior ballistic data, based on range firings, for specific types of weapons and combinations of projectiles, fuzes, and propelling charges.

(2) *Types.* Firing Tables are classified according to types of weapons, except that FT's for aircraft weapons are not printed but are made up for use in designing sights and are not available for general distribution. The other types are:

(*a*) *Abridged.* Abridged Firing Tables (AFT) are for tank and antitank guns, light mortars, and similar weapons. They contain the minimum data required for determination of the elevation for the desired point of impact.

(*b*) *Antiaircraft.* Antiaircraft Firing Tables contain exterior ballistic tabulations which provide data along the trajectory for constant elevations out of

the time of flight for which the fuze is set. All antiaircraft firing tables prepared in the future will contain data for both antiaircraft and ground fire.

(*c*) *Field and Coast Artillery.* Firing Tables for use on land or water targets contain exterior ballistic tabulations giving the trajectory characteristics at the point of impact. They provide data required to determine the proper elevation for a desired point of impact. These tables are prepared for the muzzle velocity of a new gun.

**b. Graphical Firing Tables.** (GFT) Graphical Firing Tables resemble slide rules in appearance and operation. They are not listed in this manual, but are catalogued in ORD SNL F–237, which is obtainable at Adjutant General Depots. They are nonexpendable and are requisitioned in the same manner as any other stock control item.

**c. Trajectory Charts.** (TjC) Trajectory Charts are prepared for use with tables for antiaircraft fire. Those charts now on hand are issued as individual sheets, together with the FT's they supplement. As antiaircraft FT's are revised, the charts will appear as inserts in the FT's and will not be issued separately.

**d. Trajectory Diagrams.** (TD) Trajectory Diagrams are supplemental to FT's for certain field guns. TD's are printed on tracing linen so that they may be used on Geological Survey Maps for determining "dead space." TD's are issued in screw-top mailing tubes, and are not furnished automatically with each FT. They must be requisitioned separately.

**7. MOBILIZATION TRAINING PROGRAMS.** (List in par. 29) (MTP) Mobilization Training Programs contain a schedule of subjects prescribed for the training of units and replacements, showing hours to be devoted each week to the subject prescribed together with text references.

**8. TECHNICAL BULLETINS** (TB) (List in par. 30)

**a. Purpose and Scope.**

(1) *Purpose.* The purpose of Technical Bulletins is:

(*a*) To disseminate new instructions and information prepared by technical services pertaining to technical matters concerning weapons and equipment procured and issued by the preparing agency, or to professional technique over which the preparing agency has exclusive jurisdiction.

(*b*) To publish, without delay, technical material that may later be incorporated in manuals or changes to manuals.

(2) *Scope.* Technical bulletins will not contain material pertaining to tactical training or tactical operations. Originating agencies will be responsible for excluding such material from technical bulletins.

**b. Format.** Technical bulletins are printed, mimeographed, or multilithed in pamphlet or leaflet form, 5⅞ inches by 9 inches or 8 inches by 10½ inches, and illustrated when necessary.

**c. Preparation.** Material for publication in a technical bulletin will be forwarded by the chief of a technical service to The Adjutant General for processing. Concurrences of other agencies will not be required for technical bulletins prepared within the meaning of paragraph *a* above.

**9. TECHNICAL MANUALS** (TM) (List in par. 31). Technical Manuals supplement Field Manuals, covering subjects the separate treatment of which is considered essential to a full accomplishment of the training prescribed in the Field Manuals. This series includes manuals describing matériel and containing instructions for its operation, care, and handling; guidebooks for instructors and specialists; material for extension courses; reference books; administrative materials; and similar specialized subject matter.

**10. TECHNICAL REGULATIONS.** (TR) (List in par. 32). Some Technical Regulations are still in force, but they gradually are being eliminated by the inclusion of suitable material in other training documents.

**11. TRAINING CIRCULARS** (TC) (List in par. 33).

**a. Purpose and Scope.** Training Circulars are designed to promulgate—

(1) New training doctrine (see *b* below).

(2) Training doctrine, tactics, or technique, the immediate dissemination of which is essential.

(3) Training policies or information of a temporary nature or not relevant to the scope of existing manuals.

**b. Confirmation.** When a Training Circular is published, the preparing agency will initiate action to incorporate its applicable provisions as a numbered change or revision of the appropriate manual or as a new manual.

**c. Revocation.** (1) Each training circular will indicate in bold type, immediately under the heading, the date (1 year from date of publication) upon which the circular will become void. Unless previously superseded or rescinded by other action, all matter

contained in the circular will automatically be voided upon the date shown in bold type.

(2) Training Circulars published before 1 January 1944 do not carry an expiration date and will remain in effect until rescinded or superseded by specific action in each case.

**12. WAR DEPARTMENT LUBRICATION ORDERS.** (WDLO) (List in par. 34). **a. General.** War Department Lubrication Orders (WDLO's) are serially-numbered and dated cards or decalcomania labels which prescribe approved first and second echelon lubrication instructions for mechanical equipment issued by the Army Service Forces. They will be carried with or attached to the equipment to which they pertain. Instructions contained therein are mandatory to using troops and supersede all conflicting lubrication instructions of prior date. Unit commanders are responsible for obtaining, installing, and fully complying with all current WDLO's that are applicable to equipment within their commands. Difficulties experienced in the performance of these responsibilities will be reported through technical channels to the Commanding General, Army Service Forces, Attention: Maintenance Division. See Paragraph 34 for complete list of WDLO's that are available for issue, and follow requisitioning instructions in Paragraphs 12b, 12c, and 23.

**b. Old-Style Lubrication Orders.** Old-style WDLO's are classed as equipment accessories and are manufactured, stocked and issued by each of the seven technical services of Army Service Forces. Their physical form may be either a 10 x 15 inch steel-bound waterproofed card, or a temporary-type cardboard, or a decalcomania transfer label. Those old-style WDLO's that are listed in Paragraph 34 may be readily identified, and the responsible technical service determined, by referring their serial numbers to the following table. Examples of old-style serial numbers: 151, 1026, 3040, 6001, 6009, 7003. Old-style lubrication orders are not usually issued automatically and must be requisitioned from the technical service depots shown in the table. Informal letters that list the serial number, issue date, and quantity desired will be honored by issuing agencies. Although old-style lubrication orders will be superseded as rapidly as possible by the new-style described in Paragraph 12b, the former should continue to be requested and used until the new-style replacements are received or are listed in Paragraph 34.

**c. New-Style Lubrication Orders.** New-style WDLO's are classed as expendable publications which are prepared by the responsible technical services, but are published and *automatically* distributed by The Adjutant General. Their physical form will be either a simple card or a decalcomania transfer label. Those new-style WDLO's that are listed in Paragraph 34 may be readily identified by means of their distinctive serial numbers which are preceded by the letters "LO" and which not only identify the preparing service (See Paragraph 13a) but usually correspond to the number of the corresponding technical manuals. Examples of new-style serial numbers: LO 9–772, LO 5–3112, LO 8–626, LO 8–629. Since automatic distribution can never be complete, necessary additional quantities of new-style WDLO's should be requisitioned in conformance with Paragraph 23.

**d.** Since new and old-style WDLO's are furnished by separate agencies, no requisition should contain requests for both types.

| WDLO NUMBER | PREPARING AGENCY | EMERGENCY ADDRESS FOR REQUISITIONS |
|---|---|---|
| 1 to 1000 incl. | Ordnance Dept., U. S. Army. | C.O., Fort Wayne Ordnance Depot, Detroit 32, Michigan |
| 1001 to 2000 incl. | Corps of Engineers, U. S. Army. | Maintenance Publication Office, War Plans Division, War Planning, QEC, P.O. Box 1679, Columbus, Ohio |
| 2001 to 3000 incl. | U. S. Marine Corps, U. S. Navy | Quartermaster Department, U. S. Marine Corps, Washington, D. C. |
| 3001 to 4000 incl. | Signal Corps, U. S. Army. | C.O., Philadelphia Signal Depot, Philadelphia, Pa. |
| 4001 to 5000 incl. | Chemical Warfare Service, U. S. Army. | Utah ASF Depot, Ogden, Utah, or Memphis ASF Depot, Memphis, Tenn. |
| 5001 to 6000 incl. | Medical Dept., U. S. Army. | C.O., St. Louis Medical Depot, St. Louis, Mo. Attention: Maintenance Division |
| 6001 to 7000 incl. | Quartermaster Corps, U. S. Army. | Maintenance Branch, Service Installations Division Office of the Quartermaster General, Washington, D. C. |
| 7001 to 8000 incl. | Transportation Corps, U. S. Army. | C.O., Montgomery Transportation Corps Depot, Montgomery, Ala. |

## SECTION III
## NUMBERING

**13. FIELD AND TECHNICAL MANUALS.** Field and Technical Manuals are numbered according to a single comprehensive system. Each manual carries a basic number (the first number) and a subnumber (the second number). The basic number identifies the subject matter to which the manual applies. The subnumber is a further means of identifying the publication within its particular class.

**a. Basic number.** Basic numbers are allotted to subject matter as follows:

1. Air
2. Cavalry
3. Chemical Warfare
4. Coast Artillery
5. Engineers
6. Field Artillery
7. Infantry
8. Medical
9. Ordnance
10. Quartermaster
11. Signal
12. Adjutant General
13. Inspector General
14. Fiscal
15. Judge Advocate Gener
16. Chaplain
17. Armored
18. Tank Destroyer
19. Military Police
20. Miscellaneous
21. Individual Soldier
22. Infantry Drill Regulations
23. Basic Weapons (including accessories and ammunition)
24. Communication Procedures
25. Transportation (motor and animal)
26. Interior Guard Duty
27. Military Law
28. Welfare, Recreation, and Morale
29. Regulating Stations and Base Depots
30. Military Intelligence
31. Special Operations
32. Security
35. Women's Army Corps
37. Maintenance
38. Supply Procedures
39. Rockets
44. Antiaircraft Artillery (Manuals published prior to 1 June 1944 are listed in the 4-series)
55. Transportation (Water and Rail)
60. Amphibious
70. Mountain and Winter
71. Airborne
72. Jungle
100 Field Service Regulations
101. Staff Officers Field Manuals
105. Umpire Manuals

**b. Subnumber.** (1) *General.* Subnumbers up to 199 are assigned to Field Manuals; subnumbers 200 and higher are reserved for Technical Manuals. For example:

8–5 is a Field Manual in the Medical series, the basic number 8 indicating Medical and the subnumber 5 showing that it is a Field Manual.

8–233 is a Technical Manual in the Medical series, the subnumber 233 indicating that it is a TM.

(2) *Engineer subnumbers.* Subnumbers of Technical Manuals in the Engineer, or 5-series, higher than 5-999, are grouped as follows:

| *TM number* | *to* | *TM number* | *Subject* |
|---|---|---|---|
| 5–1000 | " | 5–1999 | Road surfacing equipment |
| 5–2000 | " | 5–2999 | Water supply equipment |
| 5–3000 | " | 5–3999 | Trucks and tractors |
| 5–4000 | " | 5–4999 | Tools, mechanical and hand |
| 5–5000 | " | 5–5999 | Power supply—electrical, gas, and pneumatic |
| 5–6000 | " | 5–6999 | Reproduction equipment |
| 5–7000 | " | 5–7999 | Antiaircraft equipment (searchlight trailers, barrage balloon winches, etc.) |
| 5–8000 | " | 5–8999 | Stream-crossing equipment (ponton bridges, etc.) |
| 5–9000 | " | 5–9999 | Miscellaneous (trailers, cranes, refrigeration equipment, etc.) |

(3) *Ordnance subnumbers.* (*a*) *Main grouping.* Subnumbers of Technical Manuals in the Ordnance, or 9-series, are grouped as follows:

| *TM number* | *to* | *TM number* | *Subject* |
|---|---|---|---|
| 9–200 | " | 9–999 | First and second echelons of maintenance (operating instructions, servicing, simple repair, and replacement) |
| 9–1200 | " | 9–1899 | Third, fourth, and fifth echelons of maintenance (Major repair, replacement, and reconditioning) |
| 9–2200 | " | 9–2999 | Instruction guides covering information or instructions generally applied to different types of material. |

(b) *Subgrouping.* Each of these groups is subgrouped as follows:

| *TM number* | *to* | *TM number* | *Subject* |
|---|---|---|---|
| 9–200 | " | 9–299 | Small arms of all types and all cannon up to and not including 57-mm. |
| 9–1200 | " | 9–1299 | |
| 9–2200 | " | 9–2299 | |
| 9–300 | " | 9–399 | All field artillery 57-mm and larger, and all antiaircraft artillery larger than 40-mm. |
| 9–1300 | " | 9–1399 | |
| 9–2300 | " | 9–2399 | |
| 9–400 | " | 9–499 | Seacoast and railway artillery. |
| 9–1400 | " | 9–1499 | |
| 9–2400 | " | 9–2499 | |
| 9–500 | " | 9–699 | Fire control and sighting equipment. |
| 9–1500 | " | 9–1699 | |
| 9–2500 | " | 9–2699 | |
| 9–700 | " | 9–849 | |
| 9–870 | " | 9–899 | |
| 9–1700 | " | 9–1849 | Automotive matériel. |
| 9–1870 | " | 9–1899 | |
| 9–2700 | " | 9–2949 | |
| 9–2870 | " | 9–2899 | |
| 9–850 | " | 9–869 | Miscellaneous. |
| 9–1850 | " | 9–1869 | |
| 9–2870 | " | 9–2869 | |
| 9–1900 | " | 9–1999 | Ammunition. |
| 9–2900 | " | 9–2999 | |

(4) *Signal Corps subnumbers.* Subnumbers of Technical Manuals in the Signal Corps, or 11-series, are allocated to subject matter as follows:

| *TM number* | *to* | *TM number* | *Subject* |
|---|---|---|---|
| 11–200 | " | 11–299 | Radio Sets, Ground (Communication, including compass) |
| 11–300 | " | 11–329 | Radio Equipment other than Radio Sets. |
| 11–2600 | " | 11–2199 | |
| 11–330 | " | 11–349 | Wire Equipment, Telephone Equipment. |
| 11–2000 | " | 11–2199 | |
| 11–350 | " | 11–359 | Teletypewriter Equipment. |
| 11–2200 | " | 11–2249 | |
| 11–360 | " | 11–379 | Line Construction and Miscellaneous Wire Equipment. |
| 11–2250 | " | 11–2300 | |
| 11–380 | " | 11–389 | Cryptographic Equipment. |
| 11–390 | " | 11–399 | Visual Equipment. |
| 11–400 | " | 11–409 | Photographic Equipment. |
| 11–2300 | " | 11–2399 | |
| 11–410 | " | 11–419 | Pigeon Equipment. |
| 11–420 | " | 11–429 | Meteorological Equipment. |
| 11–2400 | " | 11–2499 | |
| 11–430 | " | 11–499 | Miscellaneous Equipment. |
| 11–2500 | " | 11–2599 | |
| 11–450 | " | 11–500 | Training Manuals. |
| 11–750 | " | 11–800 | |
| 11–500 | " | 11–549 | Radio Sets, aircraft. |
| 11–550 | " | 11–599 | Radio Sets, aircraft (including compass). |
| 11–600 | " | 11–699 | Radio Sets, Mobile Ground. |
| 11–700 | " | 11–750 | Interphone Equipment (Ground). |
| 11–800 | " | 11–849 | Transmitters. |
| 11–850 | " | 11–899 | Receivers. |
| 11–900 | " | 11–999 | Power Units and Power Equipment. |
| 11–1000 | " | 11–1099 | Miscellaneous Air & Radar Equipment. |
| 11–1100 | " | 11–1199 | Radar Sets. |
| 11–1200 | " | 11–1299 | Miscellaneous Ground Radar Equipment. |
| 11–1300 | " | 11–1399 | Technical Operation Manuals (Radar). |
| 11–1400 | " | 11–1499 | General Maintenance Manuals (Radar). |
| 11–1500 | " | 11–1599 | Service Manuals (Radar). |
| 11–1600 | " | 11–1699 | Field Service Procedures Manuals. |
| 11–1800 | " | 11–1899 | Higher Echelon Repair Manuals. |
| 11–2700 | " | 11–2900 | Installation Manuals. |

14. **TECHNICAL BULLETINS.** a. Bulletins pertaining to Technical Manuals bear the number of the manual, with an added serial number to differentiate one bulletin from another on the same subject. Example: TB 9–280–1 indicates the first technical bulletin which affected TM 9–280.

b. Bulletins which do not pertain to a single Technical Manual bear the abbreviation of the originating service and are numbered consecutively. Example: TB ENG 1 is the first Engineer Technical Bulletin not directly pertaining to a single Technical Manual.

15. **FIRING TABLES AND CHARTS.** Each Firing Table, Trajectory Diagram, and Trajectory Chart is identified by a symbol consisting of letters and figures, of which the following is an example: FT 75–B–1. The meaning of the symbol is:

a. The abbreviation FT identifies the publication as a firing table. In the same manner, a trajectory diagram would be identified as a TD, or a trajectory chart as a TjC. In order to avoid confusion with Training Circulars, Trajectory Charts should be requisitioned by their full name, such as "Trajectory Chart No. TC 3AA–K–3."

b. The second symbol indicates the caliber of the weapon; for example, 75-mm, 105-mm, or 6-inch. For antiaircraft weapons, the letters AA are appended to the caliber (for example, 75AA).

c. The third letter in the symbol (B) indicates the projectile and fuze combination.

d. The fourth symbol is a number (in the example above, the figure 1) which indicates the edition or revision.

16. **MOBILIZATION TRAINING PROGRAMS.** Mobilization Training Programs follow the same system of numbering as Field Manuals and Technical Manuals.

17. **TRAINING CIRCULARS.** Training Circulars are numbered consecutively for each calendar year.

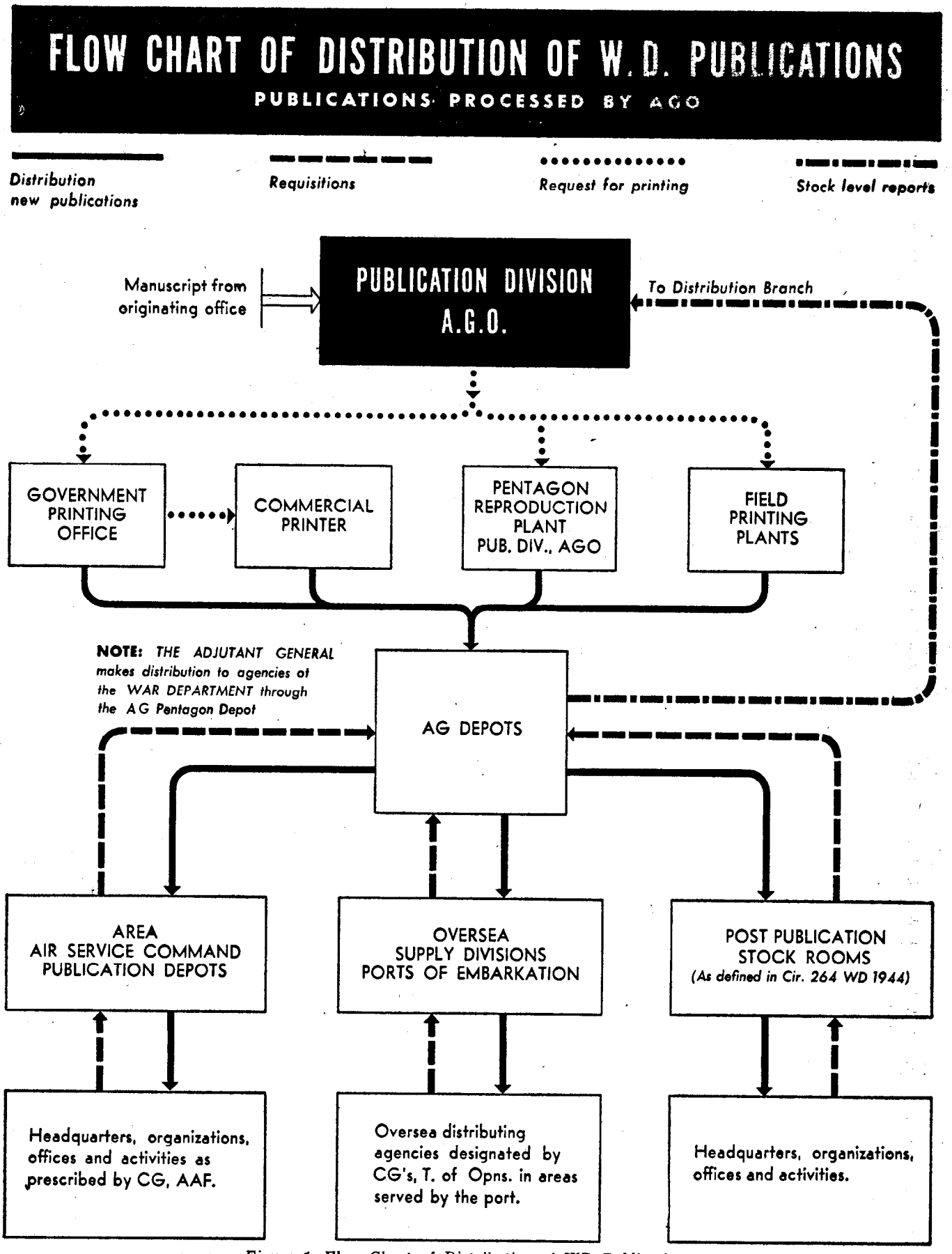



*Figure 1. Flow Chart of Distribution of WD Publications.*

## SECTION IV
## DISTRIBUTION

**18. RESPONSIBILITY.** To insure that publications reach the hands of the persons who need them, The Adjutant General, who is responsible for the distribution of War Department publications, has set up an organization and system for distribution, the general pattern of which is shown in Figure 1.

**19. PROCUREMENT.** The Adjutant General procures sufficient copies of each publication so that a reasonable stock can be maintained and distributed as prescribed.

**20. ACCESS TO PUBLICATIONS. a.** Personal files of publications will not be maintained unless an officer is assigned to duty of such character that official files are not readily available for reference (AR 310–200).

**b.** Individuals have access to publications through established files in their units or in headquarters of higher units.

**21. MAINTENANCE OF FILES.** Each commander of a company or equivalent unit, and each commander of a higher echelon, is required to maintain a file of pertinent publications. The unit commander is responsible for the maintenance of this file and its transfer in good order to his successor. An inspection should be made semi-annually to insure that files are properly maintained.

**22. DISTRIBUTION FORMULA. a. General.** (1) Certain publications, usually those pertaining to training doctrine or technical information or data, are distributed according to the formula appearing in the publication. For explanation of this formula, see subparagraphs *g* and *h* below.

(2) Other categories of publications, usually of an administrative nature, such as Army Regulations, War Department Circulars, T/O's and E's and others not pertaining to training doctrine or technical information, are distributed according to a table formula which usually does not appear on the publication (see AR 310–200).

**b. Definition.** The distribution formula consists of abbreviations and numbers which indicate the number of copies of a publication distributed to the organizations listed.

**c. Location.** The formula for each War Department publication, when it appears in the publication, is usually set forth immediately following the authentication. Some publications of remote date do not contain formulas.

**d. Requirements.** In the establishment of a formula, two types of requirements are considered: Individuals or organizations requiring publications for operational or instructional purposes; and those individuals or organizations having command responsibilities, staff supervision, or training responsibilities for informational or reference purposes.

**e. Abbreviations.** (1) Abbreviations used in the formula are as follows:

| | |
|---|---|
| A | Hq. of Armies |
| AAF | Hq. Army Air Forces |
| AAF Comds | Hq. of Army Air Forces Commands |
| AAFWS | Army Air Forces Weather Stations |
| AC of S | Office of each Assistant Chief of Staff unless otherwise limited, i.e., A.C. of S.G.–1 meaning only the office of the Assistant Chief of Staff, in control of Personnel, War Department General Staff, or A.C. of S. OPD, meaning only the office of the Assistant Chief of Staff in control of the Operations Division, War Department General Staff, etc. (see AR 10–15). |
| AF | Hq. of numbered Air Forces |
| AGF | Hq. Army Ground Forces |
| Area ASvC | Hq. of Area Air Service Commands |
| Arm & Sv Bd | Each Arm and Service Board |
| Ars | Hq. of each Arsenal, Plant, Works and Army installation engaged in manufacturing (see par. 22f) |
| ASF | Hq. Army Service Forces |
| ASF Dep | Hq. of Army Forces Depots<br>This does not mean all Depots under jurisdiction of Army Service Forces; a distribution to such is indicated as follows: Dep under jurisdiction ASF. |
| ASTU | Hq. of Army Specialized Training Units |
| Aux Surg H | Auxiliary Surgical Hospitals |
| B | Hq. of Brigades |
| Bn | Hq. of Battalions |
| C | Hq. of Companies or similar units |
| Cargo PE | Hq. of Cargo Ports of Embarkation |
| CHQ | Hq. of Corps |
| C of S | Office of the Chief of Staff. |
| D | Hq. of Divisions |
| Def Comd | Hq. of Defense Commands, Sectors, and Subsectors |
| Dep | Hq. of each Depot unless otherwise limited; i.e.: AGF Dep, meaning only Depots under jurisdiction of Army Ground Forces, etc. (See par. 22f) |
| Disp. | Medical Dispensaries unless otherwise limited, i.e., Gen Disp, meaning only General Dispensaries, etc. |
| Dist O | Each Dist Office (See par. 22f) |
| Div Eng | Office of each Division Engineer (Class IV installation) as distinguished from D (Eng) meaning the engineer officer serving on the staff of the commanding general of a division, and SvC (Eng) meaning the engineer officer serving on the staff of the commanding general of a service command. |

| | |
|---|---|
| F | Hq. of Separate Flights or Detachments (AAF only) |
| FDA | Freight Distributing Agencies |
| Fin Off | Finance Offices |
| FPP | Field Printing Plants in Continental United States |
| G | Hq. of Groups (AAF only) |
| GH | Hq. of General Hospitals and Hospital Centers |
| HD | Hq. of Harbor Defenses |
| H&R | Hq. of Holding and Reconsignment Points |
| Ind Dis | Hq. of Armed Force Induction Districts, and Armed Induction Stations |
| Lab | Each laboratory unless otherwise limited, i.e., photo lab, meaning only photographic laboratories, or post photo lab, meaning only photographic laboratories located at posts, camps or stations (See par. 22f) |
| M Conc C | Medical Concentration Centers |
| OIG | Office of the Inspector General |
| OSW | Office of the Secretary of War |
| OUSW | Office of the Under Secretary of War |
| PC&S | Hq. of each post, camp and station, not designated by a more specific abbreviation, i.e., Ars, Dep, PG, etc. |
| PE | Hq. of Ports of Embarkation |
| Pers Reasgt C | Hq. of Personnel Reassignment Centers |
| PG | Hq. of Proving Grounds (See par. 22f) |
| Pro Dist | Hq. of each Procurement District (See par. 22f) |
| Proc C | Hq. of Processing Centers |
| PW Cp | Hq. of Prisoner of War Camps and Prisoner of War Processing Stations |
| QM Mark C | Hq. of Quartermaster Market Centers |
| R | Hq. of Regiments or Groups of Army Ground Forces and Army Service Forces |
| RC | Hq. of Reception Centers |
| Rctg Sta | Armed Force Recruiting Stations |
| Reclass C | Hq. of Reclassification Centers |
| Reg O | Each Regional Office (See par. 22f) |
| Rehab C | Hq. of Rehabilitation Centers |
| RH | Hq. of Regional Hospitals |
| ROTC | Each Reserve Officer's Training Corps Unit |
| S | Headquarters of Squadrons (AAF only) |
| SBn | Hq. of Separate Battalions |
| Sch | Hq. of each School, unless otherwise limited, i.e., ASF Sch, meaning only schools under jurisdiction of Army Service Forces, or Gen & Sp Sv Sch, meaning only General or Special Service Schools, etc. (See par. 22f) |
| S Div ASF | Directors of Staff Divisions, ASF |
| Sep C | Hq. of Separation Centers |
| SH | Station Hospitals |
| SigAS | Hq. of Signal Air Way Service installations servicing Army Airways Communication System |
| Stg A | Hq. of Staging Areas |
| Sub PE | Hq. of Sub Ports of Embarkation |
| SvC | Hq. of Service Commands |
| T of Opns | Hq. of Theatres, Commands, Departments and Bases overseas, directly under the War Department |
| TCRRS | Hq. of Transportation Corps Railroad Repair Shops |
| Tech Sv | Office of each Chief of Technical Service |
| Tech Sv C | Hq. of Technical Service Centers |
| Tng C | Hq. of Training Centers, unless otherwise limited, i.e., AGF Tng C, meaning only Training Centers under jurisdiction of Army Ground Forces, or Unit Tng C, meaning only Unit Training Centers, etc. (See par. 22f) |
| TZ | Hq. of Transportation Zones |
| USMA | Hq. of United States Military Academy |
| W | Hq. of Wings (AAF only) |

(2) Headquarters not listed above are expressed as follows:

(*a*) Distribution to interested organizations only is indicated by the T/O or T/O & E numbers of the organizations. In instances where the T/O or T/O & E number governs more than one type of organization, the name of the organization is so indicated.

(*b*) Where no T/O or T/O & E number has been assigned, the name of the organization, or an abbreviation of the name as set forth in Army Regulations, may be used. Commonly used abbreviations, which are clear, also may be used.

**f. Numbers.** When not in parentheses, numbers indicate the arm or service (see par 13 *a* above). When in parentheses, numbers indicate the number of copies to be furnished.

**g. Combination of Abbreviations and Numbers.** (1) When an abbreviation is not followed by any numbers except in parentheses, the publication is distributed to all headquarters described by the abbreviation. For example: A (10) indicates that 10 copies of the publication will be distributed to each Army.

(2) When an abbreviation is followed by numbers, the publication is distributed only to the headquarters of organizations whose arms or services are identified by the numbers. Where a dash is used between numbers, it indicates that all of the arms and services between and including the end numbers are included in the distribution. For example: R 2, 5–9(2), 17 (5) would indicate that two copies were to be distributed to the headquarters of each Cavalry, Engineer, Field Artillery, Infantry, Medical, and Ordnance Regiment or Group, and that 5 copies were to be distributed to the Headquarters of each Armored Group.

(3) When the publication is intended for a particular section or individual within a headquarters, the fact is stated parenthetically. For example: D (Surg) (3) means that the Division Surgeon receives 3 copies.

(4) In addition to the distribution shown in the formula, there may be certain additional special distributions which are not considered necessary to list in the formula. *Note that certain symbols which formerly were incorporated in FM 21-6 have been*

*eliminated.* The symbol "I" is no longer used in combination with abbreviations to indicate that a distribution is to interested organizations only. The symbols "H" and "L" are no longer used in combination with abbreviations to indicate that distribution is made to a specified organization and higher or lower headquarters. Such distribution is specifically set forth.

**h. Example of Hypothetical Distribution Formula.** AAF(10); AGF(10); ASF(10); T of Opns(10); AAF Comds(2); Arm & Sv Bd(2); Def Comd(10); S Div ASF(2); Tech Sv(2); SvC(10); Area ASvC(10); PC&S(1); Dep 5, 9(2); Gen & Sp Sv Sch(50); ASTU (1); ROTC(1); A(10); CHQ(10); D(2); B(2); R 2, 5–9 (2), 17(5); AF(10); W(2). T/O & E: 2–25(3); 5–215(3); 6–165(3); 7–25(3); 8–75(3); 9–65(3).

The above formula is explained as follows:

AAF (10)—
Ten copies to headquarters, Army Air Forces.

AGF (10)—
Ten copies to headquarters, Army Ground Forces.

ASF (10)—
Ten copies to headquarters, Army Service Forces.

T of Opns (10)—
Ten copies to the headquarters of each Theater, Command, Department and Base overseas, directly under the War Department.

AAF Comds (2)—
Two copies to the headquarters of Army Air Forces Commands.

Arm & Sv Bd (2)—
Two copies to each Arm and Service Board.

Def Comd (10)—
Ten copies to the headquarters of each Defense Command, Sector, and Sub-sector.

S Div ASF (2)—
Two copies to the Director of each Staff Division, ASF.

Tech Sv (2)—
Two copies to the office of each Chief of Technical Service.

SvC (10)—
Ten copies to the headquarters of each Service Command in the continental US.

Area ASvC (10)—
Ten copies to the headquarters of each Area Air Service Command.

PC&S (1)—
One copy of the headquarters of each post, camp or station not designated by a more specific abbreviation. For example: The above formula indicates by a specific abbreviation two copies to Ordnance depots, thus the headquarters of an Ordnance depot if it is also a post or station is to receive two copies by its specific abbreviation and no additional copies under the PC&S abbreviation.

Dep 5, 9 (2)—
Two copies to the headquarters of each Engineer and Ordnance Depot.

Gen & Sp Sv Sch (50)—
Fifty copies to each General or Special Service School.

ASTU (1)—
One copy to the headquarters of each Army Specialized Training Unit.

ROTC (1)—
One copy to the official file of the professor of military science and tactics at educational institutions maintaining Reserve Officer's Training Corps or Junior Reserve Officer's Training Corps.

A (10)—
Ten copies to the headquarters of each Army.

CHQ (10)—
Ten copies to the headquarters of each Corps.

D (2)—
Two copies to the headquarters of all Divisions including AAF Divisions.

B (2)—
Two copies to the headquarters of each Brigade.

R 2, 5–9 (2), 17 (5)—
Two copies to the headquarters of each Cavalry, Engineer, Field Artillery, Infantry, Medical, and Ordnance Regiment or Group. Five copies to the headquarters of each Armored Force Group.

AF (10)—
Ten copies to the headquarters of each numbered Air Force.

W (2)—
Two copies to the headquarters of each AAF Wing.

2–25 (3)—

This is the same as writing T/O & E 2–25 Cavalry, Reconnaissance Squadron, Mechanized (3) and indicates that it was not desirable to distribute to all cavalry squadrons but only to the one listed above.

No confusion will arise in reading a formula if it is noted that the T/O & E number is *not* prefixed by an abbreviation; i.e. D (2); or R 2, 5–9 (2); it is always set forth in a separate sentence commencing with the letters T/O & E with the quantity indicated by a number in parentheses. Each T/O & E number and the quantity of the publication indicated in parentheses is separated by a semicolon from the next T/O & E number with its quantity.

5–215 (3)—

Indicates three copies to Armored Engineer Battalions with the T/O & E number 5–215.

*6–165 (3)—

Indicates three copies to Armored Field Artillery Battalions with the T/O & E number 6–165.

Instructions are issued by The Adjutant General to accomplish distribution not reflected in the above hypothetical formula; i.e., a bulk shipment of 700 copies direct from the printer to the Armored School, Fort Knox, Ky.

**23. REQUISITIONING. a.** In the continental United States, Army Ground Forces and Army Service Forces headquarters, offices, organizations and activities may, upon showing the need therefor, obtain any printed publication in reasonable quantities by requisitioning, the post commander as prescribed in Circular 264, War Department, 1944. Army Air Forces headquarters, offices, organizations, and activities will submit requisitions as prescribed by the Commanding General, Army Air Forces.

**b.** Headquarters, officers, organizations, and activities outside the continental United States will requisition publications in accordance with the procedure prescribed by the commanders of the theater, command, department, or base. Commanders of theaters, commands, departments, and bases overseas will submit requisitions for publications to the commanding general of the port of embarkation serving that area.

## SECTION V
## CHANGES, RESCISSIONS, CANCELATIONS, AND SUPERSESSIONS

**24. CHANGES. a.** Each agency charged with the preparation of a publication will keep a folder of suggested changes. Serious errors will be reported at once.

**b.** A publication is amended or added to by the publication of a change only when it is considered inadvisable to revise and reprint the entire publication. *Minor changes not affecting doctrine will be allowed to accumulate and will be published in a revision of the publication.*

**c.** When changes to one publication may affect other War Department publications to the extent of requiring modifications of them, changes to all publications affected will be prepared and submitted at the same time.

**d.** Drafts of matter submitted for publication as changes will contain both the existing and the proposed new matter. The matter to be omitted will be shown with a line drawn through it and the proposed new matter underscored.

**e.** Changes will be numbered in a single series for each edition of each publication.

**f.** Changes to bound publications will be printed on both sides of the page and will not be cut apart. The entire change will be retained complete and placed in the back of the publication affected.

**g.** Changes to Technical Bulletins will be issued provided the Technical Bulletin to be changed exceeds two pages or the material to be changed does not exceed 25 percent of the text of the original. Changes will carry the number of the original bulletin as well as the number of the change. When a change does not meet these requirements, a new bulletin incorporating both the old and the new will be issued with a new number.

**25. RESCISSIONS, CANCELATIONS, AND SUPERSESSIONS. a. Normal Procedure.** (1) Rescissions, cancellations, and supersessions of War Department training publications are listed in this manual. For reasons of expediency, notice of rescissions and supersessions of FM's and TM's are first published in War Department Circulars.

(2) Training publications of the Technical Services which have been superseded by War Department publications are also listed in this manual.

**b. Emergency Procedure.** When it is necessary to effect an emergency cancellation of a War Department publication (other than a FM or a TM) a publication of the same number as the one to be cancelled is issued with CANCELATION printed beneath the number. The cancellation is given the same distribution as the original publication and is listed in the next edition of this manual.

# SECTION VI

## LISTS OF TRAINING PUBLICATIONS AS OF 20 JANUARY 1945

**Publications added since last issue are indicated by an asterisk (*).**

## 26. COMBINED COMMUNICATION BOARD PUBLICATIONS. (For description see par. 4)

| NUMBER | DATE, TITLE AND CHANGES |
|---|---|
| FM | |
| 24–10 | 20 Jan. 43. Combined Radiotelegraph (W/T) Procedure. (Short Title CCBP–01). |
| 24–11 | 17 Jan. 43. Combined Operating Signals. (Short Title CCBP–2). |
| 24–9 | 28 Dec. 42. Combined Radiotelephone (R/T) Procedure. (Short Title CCBP–3). |
| 24–8 | 17 Mar. 43. Combined Teletypewriter (Teleprinter) Procedure. (Short Title CCBP–4). |
| 24–22 | 12 May 43. Combined Visual Signaling (V/S) Procedure. (Short Title CCBP–5). |
| 24–23 | 12 May 43. Combined Visual Signaling (V/S) Procedure. Abridged Version for Radiotelephone (W/T) Operation. (Short Title CCBP–6). |
| CCBP–7 | 1 Jan. 44. Combined Communication Instructions. |
| CCBP–8 | Aug. 43. Combined Panel System. |

## 27. FIELD MANUALS. (For description see par. 5)

### AIR

| FM | |
|---|---|
| 1–10 | 20 Nov. 40. Tactics and Technique of Air Attack. |
| 1–15 | 10 Apr. 42. Tactics and Technique of Air Fighting. |
| 1–20 | 20 Apr. 42. Tactics and Technique of Air Reconnaissance and Observation. |
| 1–25 | 15 Jun. 43. Air Defense. |
| 1–26 | 20 Jan. 44. Defense of Airdromes. *C 1.* |
| 1–30 | 30 Aug. 40. Air Navigation. |
| 1–35 | 3 Dec. 42. Aerial Photography. |
| 1–40 | 9 Sep. 40. Intelligence Procedure in Aviation Units. |
| 1–45 | 4 Dec. 42. Signal Communication. |
| 1–46 | 15 May 43. Fighter Radiotelephone Procedures and Code. |
| 1–50 | 2 May 42. Weather. |
| 1–55 | 22 Apr. 42. Reference Data, Administration. |
| 1–60 | 4 Apr. 41. Reviews and Inspections. |
| 1–75 | 16 Jun. 42. Combat Orders. |
| 1–195 | 26 Sep. 42. Service Center. |

### CAVALRY

| | |
|---|---|
| 2–5 | 13 Mar. 44. Cavalry Drill Regulations, Horse. |
| 2–6 | 30 Dec. 43. Crew Drill, Light Armored Car M8. |
| 2–7 | 15 Mar. 44. Cavalry Drill Regulations, Mechanized. |
| 2–15 | 8 Apr. 41. Employment of Cavalry. *C 1, 2.* |
| 2–20 | 24 Feb. 44. Cavalry Reconnaissance Troop, Mechanized. |
| 2–30 | 28 Aug. 44. Cavalry Reconnaisance Squadron, Mechanized. |

### CHEMICAL WARFARE

| | |
|---|---|
| 3–5 | 20 July 42. Tactics of Chemical Warfare. *C 1, 2.* |
| 3–10 | 10 June 40. Examination for Gunners. *C 1.* |
| 3–15 | 17 Feb. 41. Supply and Field Service. *C 1, 2, 3, 4.* |
| 3–25 | 3 Aug. 44. Chemical Laboratory Company. |
| 3–30 | 2 Mar. 44. Chemical Processing Company (Theater of Operations). |
| 3–50 | 24 Mar. 44. Large Area Smoke Screening. *C 1.* |
| *3–65 | 1 Dec. 44. Chemical Depot Company. |
| 3–70 | 1 Sep. 44. Chemical Decontamination Company. |

### COAST ARTILLERY

| | |
|---|---|
| 4–5 | 20 Jun. 44. Tactics. |
| 4–6 | 1 May 42. Seacoast Artillery: Tactics and Technique of Controlled Submarine Mines. *C 1, 2, 3.* |
| 4–10 | 20 May 44. Gunnery. |
| 4–15 | 5 Nov. 43. Seacoast Artillery: Fire Control and Position Finding. *C 1.* |
| 4–19 | 15 May 44. Examination for Gunners. |
| 4–20 | 22 Mar. 44. Firing Preparations, Safety Precautions, Care and Service of Matériel. *C 1.* |
| 4–24 | 16 Aug. 43. Service of the Piece—155-mm Gun M1. |
| 4–25 | 28 Feb. 44. Coast Artillery, Service of the Piece—155-mm Gun (G.P.F.). |
| 4–30 | 15 Dec. 43. Service of the Piece—Service of Gun Data Computer M1. |
| 4–32 | 1 Feb. 44. Seacoast Artillery: Service of the Base-End Data and Gun Data Transmission Systems. |
| 4–35 | 15 Jun. 40. Service of the Piece — 14-Inch Gun M1920MII on Railway Mount M1920. *C 1, 2.* |
| 4–40 | 20 May 40. Service of the Piece—12-Inch Mortar, Railway Artillery. *C 1, 2.* |
| 4–48 | 26 Jul. 43. Service of the Piece—8-Inch Gun, Mk, VI, Modification 3A2 on Barbette Carriage M1. |
| 4–49 | 6 Aug. 42. Service of the Piece—8-Inch Gun, Mk, VI, Modification 3A2, on Railway Mount M1A1. *C 1.* |
| 4–50 | 15 May 40. Seacoast Artillery: Service of the Piece —8-Inch Gun, Railway Artillery. *C 1.* |
| 4–51 | 3 May 43. Seacoast Artillery: Operation and care of Railway Artillery Equipment. |
| 4–60 | 15 May 40. Seacoast Artillery: Service of the Piece —12-Inch Gun (Barbette Carriage). |
| *4–61 | 14 Dec. 44. Service of the Piece 12-inch Gun Casemated. |
| 4–70 | 1 May 40. Seacoast Artillery: Service of the Piece —6-Inch Gun (Disappearing Carriage). *C 1.* |
| 4–74 | 15 Aug. 44. Service of the Piece — 6-Inch Gun M1903A2 or M1905A2 on BC M1 and M2 6-Inch Gun M1 on BC M3 and M4. |
| 4–75 | 10 Apr. 40. Seacoast Artillery: Service of the Piece —6-Inch Gun Barbette Carriage. *C 1.* |
| 4–80 | 1 May 40. Seacoast Artillery: Service of the Piece —12-Inch and 14-Inch Guns (Disappearing Carriage). *C 1.* |
| 4–85 | 20 Jun. 40. Seacoast Artillery: Service of the Piece —16-Inch Gun and Howitzer. *C 1, 2, 3.* |
| 4–86 | 10 Aug. 44. Service of the Piece—16-Inch Gun, Casemated. |
| 4–90 | 20 May 40. Seacoast Artillery: Service of the Piece 3-Inch Rapid-Fire Gun (Barbette Carriage). |

| NUMBER | DATE, TITLE AND CHANGES |
|---|---|

## COAST ARTILLERY—Continued

FM

4–91 26 Sep. 44. Coast Artillery—Service of the Piece—90-mm Gun M1 on 90-mm Mount M3.

4–95 15 Sept. 43. Seacoast Artillery. Service of Radio Set SCR–296–A. *C 1.*

4–96 9 Nov. 43. Seacoast Artillery: Service of Radio Set SCR–582. *C 1.*

4–97 26 Sep. 44. Service of the Radio Set SCR–682–A.

4–100 28 June 43. Antiaircraft Artillery: Organization and Tactics.

4–104 30 June 43. Antiaircraft Artillery: Employment of Antiaircraft Guns.

4–106 30 June 43. Antiaircraft Artillery: Employment of Antiaircraft Searchlights and the AAAIS. *C 1.*

4–110 28 Sep. 43. Antiaircraft Artillery: Gunnery. *C 1.*

4–119 9 Dec. 43. Antiaircraft Artillery: Examination for Gunners.

4–120 17 Nov. 43. Formations and Instructions. *C 1.*

4–121 22 Dec. 43. Fire Control Guns. *C 1.*

4–125 17 Jan. 42. Antiaircraft Artillery: Service of the Piece—3-Inch Antiaircraft Gun. *C 1, 2, 3, 4, 5.*

4–126 25 Oct. 43. Antiaircraft Artillery: Service of the Piece—90-mm AA Gun M2, on M1A1 Mount. *C 1, 2.*

4–127 31 Oct. 43. Antiaircraft Artillery: Service of the Piece—90-mm AA Gun M2, on Mount M2. *C 1, 2.*

4–128 15 Sep. 43. Antiaircraft Artillery: Service of the Piece—4.7-Inch AA Gun. *C 1, 2.*

4–130 17 June 40. Antiaircraft Artillery: Service of the Piece—105-mm Antiaircraft Gun.

4–136 13 Oct. 43. Antiaircraft Artillery: Service of Directors M4 and M7. *C 1.*

4–142 20 Oct. 43. Service of Height Finders M1 and M2. *C 1.*

4–143 30 June 43. Service of Height Finder SCR–547. *C 1, 2.*

4–144 10 Nov. 43. Antiaircraft Artillery: Service of Radio Set SCR–584. *C 1, 2.*

4–146 2 Nov. 43. Antiaircraft Artillery: Service of Radio Set SCR–545. *C 1, 2.*

4–151 30 June 43. Antiaircraft Artillery Fire Control, Automatic Weapon.

4–155 4 Oct. 43. Service of the Piece—Caliber .50 AA Machine Gun. *C 1, 2.*

4–157 30 Oct. 43. Antiaircraft Artillery: Service of the Piece—Multiple Machine Gun Mounts. *C 1.*

4–160 5 Nov. 43. Service of the Piece—40-mm Fire Unit. *C 1.*

4–175 22 Dec. 43. Antiaircraft Artillery: Service of the Searchlight. *C 1.*

4–176 30 Dec. 43. Service of Radio Set SCR–268. *C 1, 2.*

4–181 30 June 43. Employment of Barrage Balloons. *C 1, 2.*

4–182 15 Nov. 43. Barrage Balloon Technique. *C 1.*

4–183 1 July 43. Antiaircraft Artillery: Balloon Barrage Control.

4–184 13 Apr. 43. Antiaircraft Artillery: Barrage Balloon Site Installations. *C 1.*

4–187 13 Mar. 43. Antiaircraft Artillery: Barrage Balloon, Service of the Balloon and Balloon Equipment, Low Altitude. *C 1.*

4–188 15 Feb. 44. Service of the Balloon and Balloon Equipment, Very Low Altitude.

4–191 29 Sep. 43. Barrage Balloon, Service of Cable Armament, Low Altitude. *C 1.*

| NUMBER | DATE, TITLE AND CHANGES |
|---|---|

FM

4–192 8 Dec. 43. Antiaircraft Artillery: Barrage Balloon, Service of Cable Armament, Very Low Altitude.

4–193 12 Aug. 43. Antiaircraft Artillery; Barrage Balloon, Gas Generation, Use, Purification, and Service of Hydrogen Generator.

4–196 2 June 43. Barrage Balloon, Rigging and Fabric Repair. *C 1.*

4–198 30 Oct. 43. Barrage Balloon, Reference Data. *C 1, 2.*

## ENGINEER

5–5 11 Oct. 43. Engineer Troops. *C 1, 2, 3, 4.*

5–6 23 Apr. 43. Operations of Engineer Units. *C 1, 2, 3, 4.*

5–10 28 Jan. 44. Construction and Routes of Communication.

5–15 14 Feb. 44. Field Fortifications.

5–20 Feb. 44. Camouflage, Basic Principles.

5–20A 9 Feb. 44. Camouflage of Individuals and Infantry Weapons.

5–20B Apr. 44. Camouflage of Vehicles.

5–20C May 44. Camouflage of Bivouacs, Command Posts, Supply Points, and Medical Installations.

5–20D 9 Feb. 44. Camouflage of Field Artillery.

5–20E June 44. Camouflage of Aircraft On The Ground and Airdromes.

5–20F May 44. Camouflage of Antiaircraft Artillery.

5–20H July 44. Camouflage Materials and Manufacturing Techniques.

5–25 29 Feb. 44. Explosives and Demolitions. *C 1.*

5–30 30 June 43. Obstacle Technique. *C 1.*

5–31 1 Nov. 43. Land Mines and Booby Traps. *C 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11.*

5–35 24 Mar. 44. Reference Data.

## FIELD ARTILLERY

6–5 1 Oct. 39. Organization and Drill.

6–20 5 Feb. 44. Tactical Employment.

6–40 11 Feb. 42. Firing. *C 1, 2, 3.*

6–50 1 Oct. 39. Service of the Piece—75-mm Gun, M1897 and M1897-A4, Horse-drawn and Truck-drawn. *C 1, 2.*

6–55 1 Oct. 39. Service of the Piece—75-mm Gun, M2, Horse-drawn and Truck-drawn. *C 1, 2.*

6–56 4 May 42. Service of the Piece—75-mm Gun, M2A3, Truck-drawn and Horse-drawn. *C 1.*

6–60 1 Oct. 39. Service of the Piece—75-mm Gun, M1916 and M1916-A1, Horse-drawn and Truck-drawn. *C 1, 2.*

6–65 1 Oct. 39. Service of the Piece—75-mm Gun, M-1917A1, Truck-drawn. *C 1, 2, 3.*

6–70 14 Oct. 39. Service of the Piece—75-mm Howitzer Horse- and Truck-drawn. *C 1, 2, 3, 4.*

6–74 10 July 44. Service of the Piece, 105-mm Howitzer, Motor Carriage M–7. *C 1.*

6–75 12 Dec. 41. Service of the Piece—105-mm Howitzer, M2, Truck-drawn. *C 1, 2, 3, 4, 5.*

6–77 12 Jan. 44. Service of the Piece—4.5-Inch Gun M1. *C 1.*

6–80 10 Oct. 39. Service of the Piece—155-mm Howitzer, M1918A1, Truck-drawn. *C 1, 2, 3.*

| NUMBER | DATE, TITLE AND CHANGES |
|---|---|

## FIELD ARTILLERY—Continued

FM

6–81 23 Dec. 43. Service of the Piece—155-mm Howitzer M1. *C 1.*

6–85 10 Oct. 39. Service of the Piece—155-mm Gun, M1918. *C 1, 2, 3.*

6–86 17 Feb. 44. Service of the Piece—155-mm Gun, Self-propelled, M12.

6–90 17 Jan. 42. Service of the Piece—155-mm Gun, M1. *C 1, 2, 3, 4.*

6–91 15 May 42. 8-Inch Howitzer, M1. *C 1, 2.*

6–95 2 Jan. 40. Service of the Piece—240-mm Howitzer, M1918. *C 1, 2.*

6–100 24 May 44. Tactics and Technique of Division Artillery and Higher Artillery Echelons.

6–101 28 June 44. Tactics and Technique, Battalion and Battery, Motorized.

6–105 15 Aug. 44 Armored Division, Artillery.

6–110 1 March 40. Pack Artillery. *C 1, 2, 3, 4, 5.*

6–120 29 June 39. The Observation Battalion. *C 1.*

6–125 16 June 42. Examination of Gunners. *C 1.*

6–135 10 Aug. 44. Forward Observation.

6–150 30 Aug. 44. Organic Field Artillery Air Observation.

## INFANTRY

7–10 18 March 44. Rifle Company, Infantry Regiment.

7–15 19 May 42. Heavy Weapons Company, Rifle Regiment. *C 1, 2, 3.*

7–20 1 Oct. 44. Infantry Battalion.

*7–24 Dec. 44. Communication in the Infantry Division.

7–25 7 Oct. 42. Headquarters Company, Intelligence and Signal Communication, Rifle Regiment. *C 1.*

7–30 1 June 44. Supply and Evacuation, The Infantry Regiment: Service Company and Medical Detachment.

7–35 15 March 44. Antitank Company, Infantry Regiment and Antitank Platoon, Infantry Battalion. *C 1.*

7–37 28 March 44. Cannon Company, Infantry Regiment.

7–40 9 Feb. 42. Rifle Regiment. *C 1, 2.*

## MEDICAL

8–5 12 Jan. 42. Mobile Units of the Medical Department. *C 1, 2.*

8–10 28 March 42. Medical Service of Field Units.

8–25 28 March 40. Medical Service in Joint Oversea Operations.

8–35 21 Feb. 41. Transportation of the Sick and Wounded. *C 1, 2, 3.*

8–40 15 Aug. 40. Field Sanitation. *C 1, 2, 3, 4, 5, 6.*

8–45 1 Oct. 40. Records of Morbidity and Mortality (Sick and Wounded). *C 1, 2.*

8–50 15 Jan. 44. Bandaging and Splinting. *C 1.*

8–55 5 March 41. Reference Data.

## ORDNANCE

9–5 11 July 42. Ordnance Service in the Field. *C 1, 2, 3, 4, 5, 6.*

9–6 15 June 44. Ammunition Supply.

9–10 20 Apr. 42. Ordnance Field Maintenance. *C 1, 2, 3, 4, 5, 6.*

9–20 7 July 42. Ordnance Ammunition Company, Ordnance Ammunition Battalion. *C 1.*

9–25 3 Sep. 42. Ordnance Company, Depot. *C 1.*

9–40 20 Oct. 43. Unexploded Bombs, Organization and Operation for Disposal. *C 1.*

| NUMBER | DATE, TITLE AND CHANGES |
|---|---|

## QUARTERMASTER

FM

10–5 29 Apr. 43. Quartermaster Operations.

10–10 2 Mar. 42. Quartermaster Service in Theater of Operations. *C 1.*

## SIGNAL

11–5 15 Apr. 40. Mission, Functions and Signal Communication in General. *C 1.*

11–15 24 July 40. Organizations and Operations in the Cavalry Division and Cavalry Corps.

11–20 11 Nov. 40. Organizations and Operations in the Corps, Army, Theater of Operations, and GHQ. *C 1.*

11–25 3 Aug. 42. Aircraft Warning Service. *C 1.*

11–35 2 Sep. 42. Signal Corps Intelligence.

11–80 15 Sep. 44. Signal Pigeon Company.

## ADJUTANT GENERAL

12–105 7 May 43. The Army Postal Service. *C 1, 2, 3, 4.*

## ARMORED

17–5 18 Jan. 43. Armored Force Drill. *C 1, 2, 3.*

17–12 10 July 44. Tank Gunnery.

17–15 15 May 42. Combat Practice Firing, Armored Force Units.

17–25 8 Sep. 44. Assault Gun, Section and Platoon.

17–27 30 July 42. 81-mm Mortar Squadron and Platoon.

17–30 22 Oct. 42. Tank Platoon. *C 1.*

17–32 2 Aug. 42. Tank Company, Light and Medium.

17–33 18 Sep. 42. Armored Battalion, Light and Medium.

17–36 13 Mar. 44. Armored Employment of Tanks with Infantry. *Sup. No. 1.*

*17–40 Nov. 44. Armored Infantry Company.

17–42 Nov. 44. Armored Infantry Battalion.

17–45 15 June 44. The Armored Engineer Battalion.

17–50 7 Nov. 42. Logistics.

17–55 29 Sep. 42. Trains and Trains Headquarters Company, Armored Division.

17–58 8 Oct. 42. Armored Maintenance Battalion, Tactical Employment.

17–59 12 Oct. 42. Decontamination of Armored Force Vehicles. *C 1.*

17–67 5 Aug. 44. Crew Drill and Service of the Piece, Medium Tank M4.

17–68 24 May 44. Crew Drill, Light Tank M5 Series. *C 1.*

17–69 30 Nov. 43. Crew Drill, Service of the Piece, and Gunnery (75-mm Assault Howitzer on Motor Carriage M8). *C 1.*

17–70 27 June 44. Signal Communications for Armored Units.

17–71 43. Crew Drill for Half-Track Vehicles. *C 1.*

*17–74 Dec. 44. Crew Drill and Service of the Piece Heavy Tank T26E1.

17–75 23 Aug. 44. Crew Drill, Light Tank M24.

17–76 15 Sep. 44. Crew Drill and Service of the Piece, Medium Tank, M4 Series (105-mm Howitzer).

17–80 30 Aug. 44. Armored Medical Units.

17–100 15 Jan. 44. The Armored Division.

## TANK DESTROYER

18–5 18 July 44. Tactical Employment, Tank, Destroyer Unit.

18–15 4 Dec. 43. Tank Destroyer Drill and Crew Drill, 3-Inch Gun Motor Carriage M10, 76-mm Gun Motor Carriage T70, 3-Inch Towed Gun (Gun M5 and Carriage M1).

| NUMBER | DATE, TITLE AND CHANGES |
|---|---|
| | **TANK DESTROYER—*Continued*** |
| FM | |
| 18–16 | 23 Oct. 44. Crew Drill, 76-mm Gun Motor Carriage M18. |
| 18–17 | 19 Aug. 44. Tank Destroyer Crew Drill, 3-inch Towed Gun M5 on Carriage M6. |
| *18–18 | Dec. 44. Crew Drill, Gun Motor Carriage, M36. |
| 18–20 | 9 May 44. Tactical Employment of Tank Destroyer Platoon Self-propelled. |
| 18–21 | 1 Apr. 44. Towed Gun Platoon. |
| *18–22 | Nov. 44. Tank Destroyer Reconnaissance Platoon. |
| 18–24 | Nov. 44. Tank Destroyer Pioneer Platoon. |
| | **MILITARY POLICE** |
| 19–5 | 14 June 44. Military Police. |
| *19–10 | Jan. 45. Military Police in Towns and Cities. |
| | **INDIVIDUAL SOLDIER** |
| 21–5 | 16 July 41. Military Training. |
| 21–6 | 20 Jan. 45. List of Publications for Training. |
| 21–7 | 1 Jan. 44. List of Training Films, Film Strips, and Film Bulletins. *C 1, 2, 3, 4, 5, 6, 7.* |
| 21–8 | 14 Feb. 44. Military Training Aids. *C 1, 2, 3.* |
| 21–10 | 31 July 40. Military Sanitation and First Aid. *C 1, 2, 3, 4, 5, 6, 7.* |
| 21–11 | 7 Apr. 43. First Aid for Soldiers. |
| 21–15 | 1 Oct. 40. Equipment, Clothing and Tent Pitching. *1, 2, 3, 4, 5, 6.* |
| 21–20 | 6 Mar. 41. Physical Training. |
| 21–22 | 25 Apr. 44. Watermanship. |
| 21–25 | 15 Aug. 44. Elementary Map and Aerial Photograph Reading. |
| 21–26 | 17 Sep. 41. Advanced Map and Aerial Photograph Reading. *C 1.* |
| 21–30 | 15 Oct. 43. Conventional Signs, Military Symbols, and Abbreviations. *C 1.* |
| 21–35 | 1 June 39. Sketching. *C 1, 2.* |
| 21–40 | 7 Sep. 42. Defense Against Chemical Attack. *C 1, 2, 3, 4.* |
| 21–50 | 15 June 42. Military Courtesy and Discipline. *C 1, 2, 3* |
| 21–75 | 6 Feb. 44. Scouting, Patrolling, and Sniping. *C 1, 2.* |
| 21–80 | 20 May 44. Recognition Training. |
| 21–105 | 2 June 43. Engineer Soldier's Handbook. |
| 21–150 | 30 June 42. Unarmed Defense for the American Soldier. |
| | **INFANTRY DRILL REGULATIONS** |
| 22–5 | 4 Aug. 41. Infantry Drill Regulations. *C 1, 2, 3, 4.* |
| | **BASIC WEAPONS** |
| 23–5 | 30 July 43. U. S. Rifle, Caliber .30, M1. *C 1, 2.* |
| 23–6 | 28 Oct. 43. U. S. Rifle, Caliber .30, M1917. |
| 23–7 | 23 Apr. 44. U. S. Carbine, Caliber .30 M1 and M1A1. *C 1.* |
| 23–10 | 30 Sep. 43. U. S. Rifle, Caliber .30 M1903. |
| 23–15 | 30 June 43. Browning Automatic Rifle, Caliber .30, M1918A2. *C 1, 2.* |
| 23–25 | 7 Sep. 43. Bayonet. |
| 23–30 | 14 Feb. 44. Hand and Rifle Grenades, Rocket, AT, HE, 2.36-Inch. *C 1.* |
| 23–35 | 30 Apr. 40. Automatic Pistol, Caliber .45, M1911, and M1911A1. *C 1, 2.* |

| NUMBER | DATE, TITLE AND CHANGES |
|---|---|
| FM | |
| 23–36 | 20 Oct. 41. Revolver, Colt, Caliber .45, M1917, and Revolver, Smith and Wesson, Caliber .45, M1917. *C 1, 2.* |
| 23–40 | 31 Dec. 41. Thompson Submachine Gun. Caliber .45, M1928A1. *C 1, 2, 3, 4.* |
| 23–41 | 30 Oct. 43. Submachine Gun, Caliber .45, M3. *C 1, 2.* |
| 23–45 | 12 Apr. 43. Browning Machine Gun, Caliber .30, HB, M1919A4. Ground. *C 1, 2.* |
| 23–50 | 12 Aug. 42. Browning Machine Gun, Caliber .30, HB, M1919A4 (Mounted in Combat Vehicles). *C 1, 2, 3, 4.* |
| 23–55 | 20 June 40. Browning Machine Gun, Caliber .30, M1917. *C 1, 2, 3, 4.* |
| 23–60 | 25 Sep. 40. Browning Machine Gun, Caliber .50, HB, M2, Ground. *C 1, 2, 3.* |
| *23–65 | Nov 44. Browning Machine Gun, Caliber .50, HB, M2. |
| 23–70 | 28 Nov. 42. 37-mm Gun, Anti-tank, M3 *C 1, 2, 3.* |
| 23–75 | 15 June 44. 57-mm Gun M1. |
| 23–85 | 28 Nov. 42. 60-mm Mortar M2. *C 1, 2, 3.* |
| 23–90 | 22 Apr. 43. BFM, 81-mm Mortar M1. |
| 23–91 | 29 Aug. 44. 81-mm Mortar Mounted in Half-Track Carrier. |
| 23–105 | 18 May 44. 105-mm, Howitzer, M3. *C 1, 2.* |
| | **COMMUNICATION PROCEDURES** |
| 24–5 | 19 Oct. 42. Signal Communication. *C 1, 2, 3, 4, 5, 6, 7.* |
| 24–6 | 12 Apr. 43. Radio Operators Manual, Army Ground Forces. *C 1.* |
| 24–8 | 17 Mar. 43. Combined Teletypewriter (Teleprinter) Procedure. *C 1.* |
| 24–9 | 28 Dec. 42. Combined United States-British Radio-Telephone (R/T) Procedure. *C 1.* |
| 24–10 | 20 Jan. 43. Combined Radiotelegraph (W/T) Procedure. *C 1, 2.* |
| 24–12 | 1 Sep. 44. Army Extract of Combined Operating Signals. |
| 24–13 | 21 Feb. 44. Air Extract Combined Operating Signals (CCBP 2–2). *C 1, 2.* |
| 24–14 | 19 Sep. 44. Teletypewriter Switching and Relay Procedures. |
| 24–18 | 28 Jan. 44. Radio Communication. |
| 24–20 | 4 Oct. 44. Field Wire Systems. |
| 24–22 | 12 May 43. Combined Visual Signaling (V/S Procedure). |
| 24–23 | 12 May 43. Combined Visual Signaling (V/S) Procedure — Abridged Version for Radiotelegraph (W/T) Operators. *Errata Sheet.* |
| *24–24* | *June 43*[1]. *Combined Amphibious Communication Instructions (CCBP–1).* |
| 24–75 | 30 Oct. 43. Telephone Switchboard Operating Procedure. |
| | **TRANSPORTATION (MOTOR AND ANIMAL)** |
| 25–5 | 15 June 39. Animal Transport. *C 1, 2.* |
| 25–6 | 19 Aug. 44. Dog Transportation. |
| 25–7 | 25 Aug. 44. Pack Transportation. |
| 25–10 | 12 Mar. 42. Motor Transport. *C 1, 2 3.* |

[1]This Field Manual is distributed only to interested headquarters and to individuals whose duties require that they have it. This Field Manual must be safeguarded in accordance with provisions of AR 380–5.

| NUMBER | DATE, TITLE AND CHANGES |
|---|---|
| | **INTERIOR GUARD DUTY** |
| FM | |
| 26–5 | 2 Jan. 40. Interior Guard Duty. *C 1, 2, 3.* |
| | **MILITARY LAW** |
| 27–5 | 22 Dec. 43. United States Army and Navy Manual of Military Government and Civil Affairs. |
| 27–10 | 1 Oct. 40. Rules of Land Warfare. *C 1.* |
| 27–15 | 6 Feb. 41. Military Law, Domestic Disturbances. *C 1, 2.* |
| | **WELFARE, RECREATION AND MORALE** |
| 28–5 | 31 Mar. 41. The Band. *C 1.* |
| 28–105 | 5 Jan. 44. Special Service Company. |
| | **MILITARY INTELLIGENCE** |
| 30–5 | 17 April 40. Military Intelligence—Combat Intelligence. *C 1, 2, 3, 4.* |
| 30–10 | 30 Nov. 40. Military Intelligence—Observation. |
| 30–15 | 7 Dec. 43. Military Intelligence — Examination of Enemy Personnel, Repatriates, Documents, and Matériel. *C 1.* |
| 30–20 | 27 May 40. Military Intelligence—Military Maps. *C 1.* |
| 30–21 | 1 Nov. 40. Military Intelligence—Role of Aerial Photography. *C 1, 2.* |
| 30–22 | 7 July 42. Military Intelligence—Foreign Conventional Signs and Symbols. |
| 30–25 | 15 Feb. 40. Military Intelligence—Counterintelligence. *C 1, 2.* |
| 30–26 | 21 Jan. 42. Military Intelligence—Regulations for Correspondents Accompanying U. S. Army Forces in the Field. *C 1, 2, 3.* |
| 30–27 | 31 Aug. 44. Regulations for Civilian Operations, Analysts, Scientific Consultants and Technical Observers Accompanying U. S. Army Forces in the Field. |
| 30–28 | 15 Sept. 44. Military Intelligence, Military Censorship. |
| 30–30 | 1 April 43. Recognition, Pictorial Manual, Aircraft. *Sup. No. 1.* |
| 30–40 | 3 Nov. 43. Recognition Pictorial Manual, Armored Vehicles. *C 1, 2, 3.* |
| 30–50 | 15 Sept. 43. Military Intelligence—Recognition Pictorial Manual, Naval Vessels. |
| | **SPECIAL OPERATIONS** |
| *31–5* | *2 June 41*[1]. *Landing Operations on Hostile Shores. C1, Sup.* |
| 31–10 | 12 July 41. Coast Defense. |
| 31–25 | 14 Mar. 42. Desert Operations. *C 1, 2, 3.* |
| 31–30 | 20 May 42. Tactics and Technique of Airborne Troops. |
| 31–35 | 9 April 42. Aviation in Support of Ground Forces. |
| 31–40 | 25 May 43. Supply of Ground Units by Air. |
| 31–50 | 31 Jan. 44. Attack on a Fortified Position and Combat in Towns. |
| | **WOMEN'S ARMY CORPS** |
| 35–20 | 15 July 43. Physical Training (WAC). |
| | **ANTIAIRCRAFT ARTILLERY** |
| *44–2 | Dec. 44. Employment of Antiaircraft Artillery, Automatic Weapons. |

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| NUMBER | DATE, TITLE AND CHANGES |
|---|---|
| FM | |
| 44–8 | 10 Aug. 44. Antiaircraft Operations Room and Antiaircraft Artillery Intelligence Service. |
| 44–36 | 16 Oct. 44. Service of Antiaircraft Directors M4 and M7. |
| 44–38 | Nov. 44. Service of Antiaircraft Directors M9, M9A1, M9A2, and M10. |
| 44–51 | 19 Sep. 44. Fire Control, Antiaircraft Artillery Automatic Weapons. |
| 44–58 | 20 June 44. Antiaircraft Artillery Service of the Piece, 37-mm Fire Unit. |
| 44–59 | 16 Sept. 44. Service of the Piece—Multiple Gun Motor Carriage M15 and M15A1. |
| 44–61 | Nov. 44. Service of the Piece, Air Transportable 40-mm Fire Unit. |
| | **TRANSPORTATION (WATER AND RAIL)** |
| 55–50 | 27 Mar. 44. Military Railroads and the Military Service. |
| 55–55 | 4 Feb. 44. Railway Operating Battalion. |
| 55–60 | 25 Jan. 44. Railway Shop Battalion. |
| 55–130 | 31 Jan. 44. Small Boats and Harbor Craft. |
| 55–150 | 11 Oct. 43. Amphibian Truck Company. *C 1.* |
| | **MOUNTAIN AND WINTER** |
| 70–15 | Nov. 44. Operations In Snow and Extreme Cold. |
| | **JUNGLE** |
| 72–20 | 27 Oct. 44. Jungle Warfare. |
| | **FIELD SERVICE REGULATIONS** |
| 100–5 | 15 June 44. Operations. |
| 100–10 | 15 Nov. 43. Administration. *C1, 2, 3.* |
| 100–15 | 29 June 42. Larger Units. *C 1.* |
| 100–20 | 21 July 43. Command and Employment of Air Power. |
| | **STAFF OFFICERS'** |
| 101–5 | 19 Aug. 40. Staff and Combat Orders. *C 1, 2, 3, 4, 5, 6, 7, 8, 9, 10.* |
| 101–10 | 12 Oct. 44. Organization, Technical and Logistical Data. |
| E101–10 | 1 Oct. 42. Enemy Forces: Organization, Technical, and Logistical Data. *C 1, 2.* |
| 101–15 | 13 Jan. 43. Traffic Circulation and Control. *C 1.* |
| | **UMPIRE** |
| 105–5 | 10 March 44. Umpire Manual. |
| 105–6 | 30 May 42. Aviation Umpire Manual. |

## 28. FIRING TABLES AND CHARTS (TjC) (For description see par. 6)

| NUMBER | DATE, WEAPON AND PERTAINING AMMUNITION, AND CHANGES |
|---|---|
| | **AUTOMATIC GUNS—GROUND FIRE AND ANTIAIRCRAFT** |
| FT | |
| 0.30–A–4 | 15 Sept. 40[2]. GUN, machine, Browning, cal. .30 M1917A1. *C 1.*<br>CARTRIDGE, ball, cal. .30, M2. |
| 0.30–J–1 | 28 Dec. 43. GUN, machine, Browning, cal. .30, M1917A1, M1919A4 (heavy barrel), M1919A5 and M1919A6.<br>CARTRIDGE, armor-piercing, cal. .30, M2. |

[2]When present stock is exhausted, will not be reprinted.

| NUMBER | DATE, WEAPON AND PERTAINING AMMUNITION, AND CHANGES |
|---|---|

## AUTOMATIC GUNS—GROUND FIRE AND ANTIAIRCRAFT—Continued

FT

0.50–H–1 10 Nov. 42. GUN, machine, Browning, cal. .50, M2 (water-cooled heavy barrel).
CARTRIDGE, armor-piercing, cal. .50, M2.
CARTRIDGE, ball, cal. .50, M2.

37AA–N–2 16 Jan. 41. GUN, automatic, 37-mm, M1A2 (antiaircraft). *C 1.*
SHELL, fixed, H. E., M54.
w/SD TRACER and FUZE, P. D., M56.
SHELL, fixed, practice, M55A1.
w/TRACER and, FUZE, dummy, M50.
SHOT, fixed, A. P. C., M59 w/TRACER.

40AA–A–2 22 May 43. GUN, automatic, 40-mm, M1 (antiaircraft).
CARTRIDGE, HE-T (SD) Mk. II.
w/FUZE, P. D., 251, Mk. I.
CARTRIDGE, AP-T, M81.

## SMALL AND SUBCALIBER WEAPONS

37–M–4 21 April 44. GUN, 37-mm, M3 and M3A1 (anti-
(abridged) tank).
CARRIAGE, gun, 37-mm, M4 and M4A1.
SHOT, fixed, A. P. C., M51.
w/TRACER.
[*Supersedes* FT 37–M–3, 15 Jan. 40.]

37–S–3 22 March 44. GUN, 37-mm, M6 (tank).
SHOT, fixed, A. P. C., M51B1 and M52B2
w/TRACER.
SHOT, fixed A. P. M74.
w/TRACER.
SHELL, fixed, H. E., M63 w/FUZE, B. D., M58.
[Applicable when mounted in Light tank, T9E1, M3A1, M3A3-M5A1 or M5 and Light Armored Car M8.]

37–O–1 30 Nov. 39. GUN, 37-mm, M1916, M1916A1 on
(abridged) subcaliber mounts.
SHELL, fixed, practice, Mk. IIA1.
w/FUZE, base, practice, M38.
[Applicable to all subcaliber mounts using M1916 and M1916A1 37-mm guns.]

37–BA–2 4 May 44. SHELL, fixed, practice, M63 (mod. 1)
(abridged) (1.58 lb.)
w/FUZE, base, practice, M58.
[*Supersedes* FT 37–BA–1, 3 March 44.]

37–BJ–1 3 March 44. SHELL, fixed, practice, M92 (1.21 lb.)
w/FUZE, P. D. M74.

37–C–2 12 Aug. 41. TUBE, subcaliber, 1 pounder, for GUNS, 5, 6, 8, 10, 12, and 14-inch.
SHELL, fixed, practice, M94.

57–A–3 14 Jan. 44. GUN, 57-mm, M1 (antitank).
(abridged) CARRIAGE, 57-mm. M1 and mods.
CARTRIDGE, APCT, M86.
w/FUZE, B. D., M72.
CARTRIDGE, AP–T, M70.

57–D–1 9 May 44. GUN, 57-mm, Mk. III. (British).
(abridged) CARRIAGE, gun, 57-mm, M1A2.
CARTRIDGE, APT, M70.
CARTRIDGE, TPT, M76.
CARTRIDGE, APC–T, M86.

57–C–1 19 Sept. 44. GUN, 57-mm, M1.
(abridged) CARRIAGE, gun, 57-mm, M2.
CARTRIDGE, APC–T, M86.
CARTRIDGE, HE–T, T18E1.

75–D–1 26 Sept. 30.[1] TUBE, subcaliber, 75-mm or 2.95-inch.
SHOT, fixed, solid, subcaliber, 2.95-inch.

| NUMBER | DATE, WEAPON AND PERTAINING AMMUNITION, AND CHANGES |
|---|---|

FT

75–E–3 15 April 40. Gun, subcaliber, 75-mm, M1897, M1916 and M1917 for GUN, 12-inch, M1895, GUN, 14-inch, M1910M1 and M1920MII, and GUN, 16-inch, M1919MII and M1919MIII.
SHELL, fixed, H. E., Mk. I.
SHELL, fixed, practice, sandloaded, Mk. I.

75–AF–1 20 April 42. SHELL, fixed, practice, sandloaded, M48 (normal charge).

## LIGHT MORTARS

60–A–4 22 Feb. 44. MORTAR, 60-mm, M2.
SHELL, H. E., M49A2.
w/FUZE, P. D., M52.
w/FUZE, P. D., M52B2 (semi-plastic).
SHELL, practice, M50A2.
w/FUZE, P. D., M52.

60–A–3 28 Dec. 42. SHELL, H. E., M49A2.
(abridged) w/FUZE, P. D., M52.
w/FUZE, P. D., M52B2 (semi-plastic), *C 1.*
SHELL, practice, M50A2.
w/FUZE, P. D., M52.

60–C–2 10 Jan. 44. SHELL, training, M69.
(abridged).

60–D–1 3 Jan. 43. SHELL, H. E., M49A2.
w/FUZE, P. D., M52B1 (plastic).

60–D–3 SHELL, H. E., M49A2.
(abridged) w/FUZE, P. D., M52B1 (plastic).
CARTRIDGE, ignition, M5A1.

60–F–1 30 Aug. 44. SHELL, smoke, WP, T6.
(abridged) w/FUZE, P. D., M52B1E4.
CARTRIDGE, ignition, M5A1.

60–G–1 18 Mar. 44. SHELL, illuminating, M83A1.
w/FUZE, time (fixed) M65.
CARTRIDGE, ignition, M5A1.

81–B–3 10 Sept. 43. MORTAR, 81-mm, M1, and MORTAR, trench, 3-inch, Mk. 1 (also Mk. IA1 and Mk. IA2 which have been converted).
SHELL, practice, M43 and M43A1.
w/FUZE, P. D. M45.
SHELL, H. E., M43A1.
w/FUZE, P. D. M52, M52B1 and M52B2.
SHELL, practice, M43A1 and M44.
w/FUZE, P. D., M52, M52B1 and M52B2.

81–B–3 1 Nov. 40. SHELL, H. E., M43.
(abridged) w/FUZE, P. D., M45.
SHELL, H. E., M43A1.
w/FUZE, P. D., M52, M52B1 and M52B2.
SHELL, practice, M43A1 and M44.
w/FUZE, P. D., M52, M52B1 and M52B2.

81–C–2 3 Nov. 42. SHELL, H. E., M56.
w/FUZE, P. D., M53.
SHELL, smoke, phosphorus, WP, M57.
SHELL, smoke, FS, M57.
w/FUZE, P. D., M52, M52B1 and M52B2.

81–C–2 3 Nov. 42. MORTAR, 81-mm, M1 and MORTAR,
(abridged) trench, 3-inch, Mk. I (also Mk. IA1 and Mk. IA2 which have been converted).
SHELL, H. E., M56.
w/FUZE, P. D., M53.
SHELL, smoke, phosphorus, WP, M57.
w/FUZE, P. D., M52, M52B1 and M52B2.

81–F–2 10 Jan. 44. SHELL, training, M68.
(abridged) [*Supersedes* FT 81–F–1.]

[1] When present stock is exhausted, will not be reprinted.

| NUMBER | DATE, WEAPON AND PERTAINING AMMUNITION, AND CHANGES |
|---|---|

## LIGHT MORTARS—Continued

FT

**81–H–1** 15 Oct. 43. MORTAR, 81-mm M1, with extension (abridged) tube T1.
SHELL, H. E., M56.
w/FUZE, P. D., M53.
SHELL, H. E., M43A1.
w/FUZE, P. D., M52.

**81–S–1** 20 July 44. SHELL, H. E., M56.
(abridged) w/FUZE, P. D., M77 (time and super-quick.
SHELL, smoke, WP, M57.
w/FUZE, P. D., M77 (time and super-quick).

**81–Q–2** 1 June 44. MORTAR, 81-mm, T27 on Mount, T21.
(abridged) SHELL, H. E., M56.
w/FUZE, P. D., M53.
SHELL, chemical, WP, M57.
w/FUZE, P. D., M52.
[*Supersedes* FT 81–Q–1.]

## FIELD ARTILLERY

**3–R–2** 12 June 43. GUN, 3-inch, M5 (anti-tank) and M7 (tank). *C 3, 4.*
CARRIAGE, motor, M10.
CARRIAGE, gun, M1.
CARRIAGE, howitzer, 105-mm, M2 and mods.
GUN, 3-inch, AA, M3, MOUNT, gun, 3-inch, AA, M2A2.
SHELL, fixed, H. E., M42A1.
w/FUZE, P. D., M48 and M48A1.
PROJECTILE, fixed, A. P. C., M62.
w/TRACER.
SHOT, fixed, A. P., M79.
w/TRACER.

**3.45–A–1** 29 May 42. GUN, Q. F., 3.45-inch (British) 25-pounder Mk II. *C 2.*
SHELL, H. E., Mk. ID (streamline).
w/FUZE, S. Q. No. 117.
w/FUZE, S. Q. and percussion, No. 119, Mk. I.
w/FUZE, time, mech. No. 210.
w/FUZE, time (powder train) and S. Q. No. 221.
SHELL, chemical, Mk. ID (streamline).
w/FUZE, time (powder train) and S. Q. No. 221.

**4.5–A–1** 7 April 43. GUN, 4.5-inch, M1.
SHELL, H. E., M65.
w/FUZE, time, mechanical, M67 and M67A1.
w/FUZE, P. D., M51. *C 3.*

**75–B–4** 1 Dec. 39. GUN, 75-mm, M1897 and mods.
CARRIAGE, gun, 75-mm and mods.
CARRIAGE, gun, 75-mm, M2 and mods.
SHRAPNEL, fixed, Mk. I.
w/FUZE, time, comb., 21-sec. M1907.
SHELL, fixed, H. E., Mk. I.
SHELL, fixed, chemical, Mk. II.
TM w/FUZE, P. D., M46 and M47.

**75–B–4, 2b[1]** SHELL, fixed, H. E., Mk. I.
w/FUZE, P. D., M46 and M47 (reduced charge).
[Supplemental to FT 75–B–4.]

**75–B–4c[1]** SHELL, fixed, H. E., Mk. I.
w/FUZE, P. D., M46 and M47 (normal charge).
FT [Supplemental to FT 75–B–4.]

**75–Z–2** 20 April 40. SHELL, fixed, H. E., M48. *C 2.*
w/FUZE, P. D., M48 and mods.
TD w/FUZE, 25-sec. comb. time and S. Q. M54.

**75–Z–2a[1]** SHELL, fixed, H. E., M48.
w/FUZE, P. D., M48 and mods.
w/FUZE, 25-sec. comb. time and S. Q., M54 (reduced charge).

[1]Will not be reprinted when present stock is exhausted.

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**75–Z–2b[1]** w/FUZE, 25-sec. comb. time and S. Q., M54 (normal charge).
[Supplemental to FT 75–Z–2.]

**75–Z–2c[1]** w/FUZE, 25-sec. comb. time and S. Q., M54 (super charge).
FT [Supplemental to FT 75–Z–2.]

**75–E–3** 15 April 40. GUN, 57-mm, M1916 and M1917 (British).
CARRIAGE, gun, 75-mm, M1916 and M1917 (British).
SHRAPNEL, fixed, Mk. I,
w/FUZE, 21-sec. comb. M1907M.
SHELL, fixed, H. E.,
w/FUZE, P. Mk. I, D., M46 and M47.
SHELL, fixed, chemical, Mk. II,
w/FUZE, P. D., M46.

**75–AF–1** 20 April 42. GUN, 75-mm, M1916, M1917 and M2.
CARRIAGE, gun, 75-mm, M1916 and M1917.
MOUNT, gun, 75-mm, M1 for GUN, 75-mm, M2 (tank).
SHELL, fixed, H. E., M48.
w/FUZE, P. D., M48 and mods.
w/FUZE, 25-sec. comb. time and S. Q., M54.

**75–AD–6** 18 Sep. 44. GUN, 75-mm, M3 and M6 (T13E1) Tank.*
SHELL, H. E., M48.
w/FUZE, P. D., M48 and mods.
SHELL, smoke, WP, M64.
w/FUZE, P. D., M57.
SHELL, H. E., M48 (super)
w/FUZE, C. P., T105 (nose).
PROJECTILE, A. P. C., M61 and M61A1.
w/FUZE, B. D., M66A1.
SHOT, A. P., M72.
SHELL, fixed, smoke, B.I., M89.

**75–I–4** 15 July 44. HOWITZER, 75-mm, M1 and M1A1. *C 3.*
CARRIAGE, field, M1, M3 and mods.
HOWITZER, 75-mm, M2 and M3.
MOTOR CARRIAGE, M8.
SHELL, semi-fixed, H. E., M48.
w/FUZE, P. D., M48 and mods.
w/FUZE, 25-sec. comb. time and S. Q., M54.
SHELL, semi-fixed, H. E., M41A1.
w/FUZE, P. D., M48 and Mods.
w/FUZE, 25-sec. comb. time and S. Q., M54.
SHELL, semi-fixed, chemical, M64.
w/FUZE, P. D., M57.
SHELL, fixed, H. E., A. T., M66.
w/FUZE, B. D., M62.
[*Supersedes* FT 75–I–3, 12 Nov. 41 and C1.]
[Use data in Part 2a for chemical shell.]

**76–A–5** 29 Aug. 44. GUN, 76-mm, M1A1 and M1A2. (Without muzzle brake.) Supersedes 76–A–4 & C 1.
CARRIAGE, gun motor, M18 (T70) and Med. Tanks M4 and mods.
SHELL, fixed, H. E., M42A1.
w/FUZE, P. D., M48 and mods.
FUZE, C. P., T105 (nose).
PROJECTILE, fixed, A. P. C., M62, and M62A1.
w/FUZE, B. D., M66A1. and Tracer.
SHOT, fixed, A. P., M79.
w/TRACER.
SHELL, fixed, illuminating Mk. 24–Mod. 1 (Navy).

**Supersedes FT 75–AD–5 and C 3, C 4.
*Mounted on Med. Tank M4 or Med. Light Tank M24 (T13E1) Assault Tank M4A3E2.

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## FIELD ARTILLERY—Continued

FT

105–H–3 29 Dec. 41. HOWITZER, 105-mm, M2, M2A1 and M4. *C 8, 9.*
CARRIAGE, Howitzer, 105-mm, M1, M1A1, M2 and mods.
CARRIAGE, motor, M7 and M7B1, 105-mm, Howitzer.
HOWITZER, 105-mm, M4 mounted in medium tanks M4 and M4A3.
SHELL, semi-fixed, H. E., M1.
w/FUZE, P. D., M48 and mods.
SHELL, semi-fixed, smoke, B. E., 105-mm M84.
w/FUZE, 25-sec, comb. time and S. Q., M54.
SHELL, chemical, M60.
w/FUZE, P. D., M57.
SHELL, semi-fixed, H. E., A. T., M67 and M67A1.
w/FUZE, B. D., M62.

105–L–2 26 Nov. 43. HOWITZER, 105-mm, M3. *C 2.*
CARRIAGE, Howitzer, 105-mm, M3.
SHELL, semi-fixed, H. E., M1.
w/FUZE, P. D., M48 and mods.
w/FUZE, 25-sec, comb. time and S. Q., M54.
SHELL, semi-fixed, H. E., A. T., M67.
w/FUZE, B. D. M62.
SHELL, semi-fixed, chemical, M60.
w/FUZE, P. D., M57.
SHELL, semi-fixed, smoke, HC, B. E., 105-mm., M84.
w/FUZE, 25-sec. comb. time and S. Q. M54.

155–B–5 15 Nov. 40. GUN, 155-mm, M1917, M1917A1 and M1918M1.
CARRIAGE, gun 155-mm, M1917, M1917A1, M1918 and M1918A1.
SHELL, H. E., Mk. III.
w/FUZE, P. D., M46 and M47.
SHELL, empty, for sandloading, 95-lb., Mk. III.
w/FUZE, P. D., M47.
SHELL, chemical, Mk. VII.
w/FUZE, P. D., M46.

TD [Use part 2a of FT.]

155–B–4a SHELL, H. E., Mk. III.
w/FUZE, P. D., M46 and M47 (normal charge).
[Supplemental to FT 155–B–5.]

155–B–4b w/FUZE, P. D., M46 and M47 (super-charge).

FT [Supplemental to FT 155–B–5.]

155–U–1 1 Nov. 40. GUN, 155-mm, M1917, M1917A1 and M1918M1. *C 4, 5, 6.*
CARRIAGE, gun, 155-mm, M1917, M1917A1, M1918.
SHELL, H. E., M101,
w/FUZE, P. D., M51 and mods.
w/FUZE, time, mech., M67 and M67A1.
SHELL, H. E., Mk. IIIA1.
w/FUZE, P. D., M51 and mods.
w/FUZE, time, mech, M67 and M67A1.
SHELL, chemical, Mk. VIIA1.
[Use Part 2b of FT.]
w/FUZE, P. D., M51 and mods.
SHELL, chemical, M104.
[Use Part 2a and FT.]
w/FUZE, P. D., M51 and mods.

155–W–1 8 July 42. PROJECTILE, A. P., M112. *C 1.*
w/FUZE, B. D., M60.

155–S–2 3 Mar. 44. GUN, 155-mm, M1 and M1A1. *C 2, 3, 4.*
CARRIAGE, gun, 155-mm, M1.
SHELL, H. E., M101.
w/FUZE, P. D., M51 and mods.
w/FUZE, time mech., M67 and M67A1.

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FT

SHELL, chemical, M104.
w/FUZE, P. D., M51 and mods.

155–Z–1 22 Feb. 43. PROJECTILE, A. P., 100-lb., M112. *C 1.*
w/FUZE, B. D., M60.

8–L–2 25 April 44. GUN, 8-inch, M1.
CARRIAGE, gun, 8-inch, M2. *C 1.*
SHELL, H. E., M103.
w/FUZE, P. D., M51A1—mod. 3 and M51A2—mod. 3.
w/FUZE, time, mech., M67 and mods.
[*Supersedes* FT 8–L–1. 30 Dec. 1943 and C 1.]

155–D–3 1 Feb. 40. HOWITZER, 155-mm, M1917, M1917-A1, M1918. *C 2.*
CARRIAGE, Howitzer, 155-mm, M1917 and mods., M1918 and M1918A1.
SHELL, H. E., Mk. I.
w/FUZE, P. D., M46 and M47.
SHELL, chemical Mk. II.
w/FUZE, P. D., M46.
SHELL, empty, for sandloading, 95-lb., Mk. 1.
w/FUZE, inert, P. D., M47.

155–V–2 16 Nov. 43. SHELL, H. E., M102. *C 2, 3, 4.*
w/FUZE, P. D., M51 and mods.
SHELL, H. E., Mk. IA1.
w/FUZE, P. D., M51 and mods.
w/FUZE, comb. time and S. Q. M55A1.
SHELL, chemical, Mk. IIA1 and mods.
w/FUZE, P. D., M51 and mods.
SHELL, chemical, M105.
w/FUZE, P. D., M51 and mods.
SHELL, H. E., M102.
w/FUZE, comb. time and S. Q., M55A1.
SHELL, smoke, B. E., M115.
w/FUZE, 25-sec. comb. time and S. Q., M54.
[Use Part 2a and 2c.]

155–Q–2 8 April 44. HOWITZER, 155-mm, M1. *C 5.*
CARRIAGE, Howitzer, M1.
SHELL, H. E., M107.
w/FUZE, P. D., M51 and mods.
SHELL, chemical, M110.
w/FUZE, P. D., M51 and mods.
SHELL, smoke, B. E., 155-mm, M116.
w/FUZE, 25-sec. comb. time and S. Q., M54.
SHELL, H. E., M107.
w/FUZE, time, mechanical, M67.
[*Supersedes* FT 155–Q–1 and C–2.]

8–J–1 1 Nov. 41. HOWITZER, 8-inch, M1. *C 3, 4, 5.*
CARRIAGE, Howitzer, 8-inch, M1.
SHELL, H. E., 200-lb. M106.
w/FUZE, P. D., M51 and mods.
w/FUZE, time, mech., M67 and M67A1.

8–K–1 26 Oct. 43. SHELL, H. E., 200-lb. Mk. IA1. *C 1, 2.*
w/FUZE, P. D., M51 and mods.

240–B–2 7 Oct. 31. HOWITZER, 240-mm, M1918 and mods. *C 1, 2.*
CARRIAGE, Howitzer, 240-mm, M1918 and mods.
SHELL, H. E., Mk. III.
w/FUZE, P. D., M46 and M47.
SHELL, H. E., Mk. IIIA1.
w/FUZE, P. D., M51 and mods.

240–C–1 4 June 43. HOWITZER, 240-mm, M1. *C 2, 3.*
CARRIAGE, Howitzer, 240-mm. M1.
SHELL, H. E., M114,
w/FUZE, P. D., M51 and mods.
w/FUZE, time, mechanical, M67 and M67A1.

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## ANTIAIRCRAFT ARTILLERY

FT

37AA–N–2 16 Jan. 41. GUN, automatic, AA, 37-mm, M1A2. *C 1.*
SHELL, fixed, H. E., M54.
w/SD TRACER and FUZE, P. D. M56.
SHELL, fixed, practice, M55A1.
w/TRACER and FUZE, dummy, M50.
SHOT, fixed, A. P. C., M59.
w/TRACER.

40AA–A–2 22 May 43. GUN, automatic, AA, 40-mm, M1
CARRIAGE, HE–T (SD) Mk. II.
w/FUZE, P. D., 251, Mk. I.
CARRIAGE, AP–T, M81.

3AA–K–3 4 Feb. 42. GUN, 3-inch, AA, M1917 (all mods.) M1925M1, M1, M2, M3 and M4.

Trajectory MOUNT, gun, 3-inch, M1917, M1917M1, M2 and
Chart No. M3.

TC3AA–K–3
SHELL, fixed, H. E., Mk. IX.
w/FUZE, time, 21-sec., Mk. III and Mk. IIIA1.
[Will not be reprinted when present stock is exhausted.]

3AA–O–3 17 Feb. 44. GUN, 3-inch, AA, M1917A2 and mods., M1925M1, M1. M2, M3, and M4. *C 1, 2.*
MOUNT, gun, 3-inch, M1917 and mods., M2A1 and M3.
SHELL, H. E., M42A1.
w/FUZE, P. D., M48 and mods.
w/FUZE, time, mech., M43 and mods.
[Trajectory chart printed as insert.]

3AA–J–3 1 Sept. 40. GUN, 3-inch, AA, M1917A2 and mods., M1, M2, M3 and M4. *C 4.*

Trajectory MOUNT, gun, 3-inch, M1917 and mods., M2A1
Chart No. and M3.

TC 3AA–J–3 SHRAPNEL, fixed, Mk. I.
w/FUZE, time, 21-sec., Mk. III and Mk. IIIA1.
[Will not be reprinted when present stock of FT is exhausted.]

3AA–I–3 14 Feb. 42. GUN, 3-inch, AA, M1918.

Trajectory MOUNT, 3-inch, auto trailer M1918.
Chart No. SHRAPNEL, fixed, Mk. 1.

TC 3AA–I–3 w/FUZE, time, 21-sec., Mk. III and Mk. IIIA1.
[Will not be reprinted when present stock of FT is exhausted.]

3AA–L–2 9 Dec. 41. GUN, 3-inch AA, M1918.

Trajectory MOUNT, 3-inch, auto trailer M1918.
Chart No. SHELL, fixed, H. E., Mk. IX.

TC 3AA–L–2 w/FUZE, time, 21-sec., Mk. III and Mk. IIIA1.
[Will not be reprinted when present stock of FT is exhausted.]

4.7AA–C–1 20 Jan. 44. GUN, 4.7-inch, AA, M1. *C 1.*
MOUNT, gun, AA, 4.7-inch, M1.
SHELL, H. E., M73.
w/FUZE, time, mechanical, M61.
[Same as 120-mm.]

90AA–B–3 14 Feb. 44. GUN, 90-mm., AA, M1, M1A1 and M2.
MOUNT, gun, 90-mm, AA, M1, M1A1 and M2. *C 4.*
SHELL, fixed, H. E., M71.
w/FUZE, time, mech., M43 and mods.
w/FUZE, P. D., M48 and mods.
[Applicable to both AA and ground fire.]

105AA–J–3 18 Oct. 44. GUN, 105-mm, AA, M3.
SHELL, fixed, H. E., M38A1.
w/FUZE, time, mech. M43 and mods.
[*Supersedes* 105AA–J–2 and TC105AA–J–2.]

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## COAST ARTILLERY

3–M–2 17 Sept. 41. GUN, 3-inch (15 pdr) M1902 and M-1903.
CARRIAGE, Barbette, M1902 and M1903.
SHELL, fixed, H. E., (15-lb.) M1935.
w/FUZE, B. D., Mk. V.
SHELL, fixed, practice, Mk. VII and Mk. VIIA1.
[*Supersedes* FT 3–C–1.]

3–Q–1 1 July 40. SHELL, fixed, H. E., M42A1 and M42A1
w/FUZE, B. D., M48 and mods.

90–C–3 10 April 44. GUN, 90-mm, AA, M1, M1A1 and M3. *C 2, 3.*
MOUNT, gun, 90-mm. M3.
MOUNT, gun, 90-mm, AA, M1 and M1A1.
GUN MOTOR CARRIAGE, M36 (T71) Medium Tank, T25.
SHELL, H. E., M71.
w/FUZE, P. D., M48 and mods.
w/FUZE, time, mech., M43 and mods.
PROJECTILE, A. P. C., M82.
w/FUZE, B. D., M68.
SHOT, A. P., M77.
[*Supersedes* FT 90–C–2. 27 April 1943, C 1 & C 2.]

6–B–3 25 Oct. 41. GUN, 6-inch, M1897M1, M1908 and mods.
CARRIAGE, disappearing, M1898.
CARRIAGE, Barbette, M1910.
SHELL, H. E., 90-lb., Mk. IIA1.
w/FUZE, P. D., M47.

6–C–2 1 June 40. GUN, 6-inch, M1897M1, M1900, M1903, M1905, M1908 and mods.
CARRIAGE, disappearing, 6-inch, M1898, M1903, M1905 and mods.
CARRIAGE, Barbette, 6-inch, M1900 and M1910.
SHELL, A. P., 108-lb. M1911.
w/FUZE, B. D., Mk. V.
SHOT, A. P., 108-lb., M1911.
SHELL, C. I., 108-lb., M1911.

6–D–2 1 Mar. 41. GUN, 6-inch, M1900, M1903 and M1905. *C 3.*
CARRIAGE, Barbette, M1900 and M1910.
CARRIAGE, disappearing, M1898, M1903 and M-1905 and mods.
SHELL, H. E., Mk. II.
w/FUZE, P. D., M47.

6–E–2 18 Mar. 43. GUN, 6-inch, M1900, M1903A2 and M-1905A2. *C 1.*
CARRIAGE, Barbette, M1900 and M1.
SHOT, A. P., Mk. XXXIII.
w/FUZE, B. D., M60.

6–F–1 21 Mar. 44. SHELL, H. E., Mk. IIA2.
w/FUZE, P. D., M51 and mods.

8–A–3 30 Jan. 42. GUN, 8-inch, M1888 and mods.
CARRIAGE, Barbette, M1918 and mods. on railway car.
SHELL, H. E., 200-lb., Mk. I.
w/FUZE, P. D., M46 and M47.
[Applies to base section of propelling charge only.]

8–E–1 26 Sept. 30.[1] SHELL, A. P., 323-lb., M1911. *C 1.*
w/FUZE, B. D., Mk. V.

8–D–2 15 Nov. 40. GUN, 8-inch, M1888 and mods.
CARRIAGE, Barbette, M1918 and mod.
SHELL, H. E., 200-lb., Mk. I.
w/FUZE, P. D., M46 and M47.
[Applies to charge consisting of base section and increment.]

[1]Will not be reprinted when present stock is exhausted.

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## COAST ARTILLERY—Continued

FT

8–H–1 1 May 40. GUN, 8-inch, M1888 and mods. *C 1.*
CARRIAGE, Barbette, M1892, M1918, M1918M1 (railway car).
CARRIAGE, Barbette, M1918 and mod. (harbor defense).
CARRIAGE, disappearing, M1896 (LF).
SHELL, A. P., 260-lb. (NAVY) Mk. XX,
w/FUZE, B. D., Mk. X.
SHELL, practice, 260-lb. (NAVY). Mk. XVIII, M6.

8–G–2 21 July 42. SHELL, A. P., 260-lb. (NAVY) Mk. VI.
SHELL, A. P., 260-lb. (NAVY) Mk. VII and mods.
SHELL, A. P., 260-lb. (NAVY) Mk. X.
w/FUZE, B. D., Mk. II (NAVY).

8–I–1 5 Aug. 41. GUN, 8-inch, Mk. VI mod. 3A2. *C 2.*
CARRIAGE, railway, M1A1.
SHELL, H. E., 240-lb. M103.
w/FUZE, P. D., M51A2 mod. 3.
SHELL, A. P., 260-lb., Mk. XX.
w/FUZE, B. D., Mk.
SHELL, T. P., 260-lb. Mk. XVIII.

10–B–1 2 Sept. 30.[1] GUN, 10-inch, M1900. *C 1.*
PROJECTILE, A. P., 617-lb.

12–E–2 1 Aug. 23.[1] GUN, 12-inch, M1888 and mods. M1895 and mods. *C 1.*
CARRIAGE, barbette, 1917.
SHELL, A. P., 900-lb., Mk. I.
w/FUZE, B. D., Mk. X.
SHELL, C. I., 900-lb., Mk. XV.

12–F–3 8 Oct. 41. PROJECTILE, A. P., Mk. XVI.
w/FUZE, B. D., Mk. X.
[Tables apply also to GUN, 12-inch, M1900 CARRIAGE, disappearing, M1901, LF.]

12–K–2 10 May 41. GUN, 12-inch, M1895 and mods.
CARRIAGE, barbette, M1917.
CARRIAGE, disappearing, LF, M1901.
PROJECTILE, A. P., 1070-lb.
w/FUZE, B. D., Mk. X.

12–L–4 15 May 35.[1] 870-lb. (NAVY).
PROJECTILE, C. I., 870-lb. (NAVY).
w/FUZE, B. D., Mk. II and Mk. IIA (NAVY).

12–N–2 22 Dec. 41. SHELL, H. E., 700-lb., Mk. VI.
w/FUZE, B. D., Mk. V.
SHELL, H. E., 700-lb., Mk. X.
w/FUZE, P. D., M46 and M47.

12–A–4 16 July 37.[1] MORTAR, 12-inch, M1908.
CARRIAGE, mortar, 12-inch, M1896, M1896M1, M1896MII, M1903 and M1918 (Ry.)
SHELL, D. P., 1046-lb., 824-lb. and 700-lb.
SHELL, C. I., 1046-lb., 824-lb. and 700-lb.
w/FUZE, B. D., Mk. X.

12–G–2 24 Mar. 42. MORTAR, 12-inch, M1908, and M1912.
CARRIAGE, mortar, 12-inch, M1896M1, M1896MII, M1896MIII, M1908, and M1918MII (Ry.)
SHELL, D. P., 1046-lb., 824-lb. and 700-lb.
SHELL, C. I., 1046-lb., and 700-lb.
w/FUZE, B. D., Mk. X.

14–B–2 1 Oct. 23.[1] GUN, 14-inch, M1909, M1910 and M1910-M1. *C 1.*
GUN, TURRET, 14-inch, M1909.
CARRIAGE, disappearing, LF, M1907M1.
PROJECTILE, A. P., 1400-lb., Mk. VII, mod. 9A1.
SHELL, C. I., 1400-lb., Mk. XIV.
w/FUZE, B. D., Mk. X.
[Applies to all 14-in. 1400-lb. projectiles.]

[1]Will not be reprinted when present stock is exhausted.

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FT

14–A–2 1 Aug. 23. PROJECTILE, A. P., 1560-lb., Mk. VI. *C 1.*
w/FUZE, B. D., Mk. X.
SHELL, C. I., 1560-lb. Mk. XI.
[Applies to all 14-in. 1560-lb. projectiles.]

14–H–1 26 Sept. 30. SHELL, A. P., 1660-lb. M1909. *C 1.*
w/FUZE, B. D., Mk. X.
SHELL, C. I., 1660-lb. M1909.
[Applies to all 14-in. 1660-lb. projectiles.]

14–C–1 1 Oct. 23.[1] GUN, 14-inch, M1907 and M1907M1. *C 1.*
CARRIAGE, disappearing, LF, M1907.
PROJECTILE, A. P., 1400-lb., Mk. VII, mod. 9A1.
SHELL, C. I., 1400-lb., Mk. XIV.
w/FUZE, B. D., Mk. X.
[Applies to all 14-in. 1400-lb. projectiles.]

14–D–1 3 Mar. 24. PROJECTILE, A. P., 1560-lb., Mk. VI. *C 1.*
w/FUZE, B. D., Mk. X.
SHELL, C. I., 1560-lb., Mk. XI.
[Applies to all 14-in. 1560-lb. projectiles.]

14–I–1 26 Sept. 30.[1] SHELL, A. P., 1660-lb., M1909. *C 1.*
w/FUZE, B. D., Mk. X.
SHELL, C. I., 1660-lb. M1909.
[Applies to all 14-in. 1660-lb. projectiles.]

14–M–1 27 July 34.[1] GUN, 14-inch, M1920 and M1920MII.
MOUNT, railway gun, M1920.
PROJECTILE, H. E., 1200-lb. Mk. XI-mod. 2A1.
w/FUZE, B. D., Mk. V.
[Applies to all 14-in. 1200-lb. projectiles.]

14–E–3 15 Feb. 37.[1] PROJECTILE, A. P., 1400-lb., Mk. VII–mod. 9A1.
w/FUZE, B. D., Mk. X.
[Applies to all 14-in. 1400-lb. projectiles.]

14–G–2 1 Mar. 30. PROJECTILE, A. P., 1560-lb., Mk. VI.
w/FUZE, B. D., Mk. X.
SHELL, C. I., 1560-lb. Mk. XI.
[Applies to all 14-in. 1560-lb. projectiles.]

16–C–1 31 Mar. 34.[1] GUN, 16-inch, M1919 and mods. *C 2.*
CARRIAGE, Barbette, M1919.
PROJECTILE, A. P., 2340-lb., Mk. V and Mk. IX.
w/FUZE, B. D., Mk. X.
SHELL, C. I., 2340-lb., Mk. VII.

16–B–1 13 Aug. 24.[1] GUN, 16-inch, M1919 and mods. *C 2.*
CARRIAGE, barbette, M1919.
PROJECTILE, A. P., 2100-lb., Mk. II—mod. 2.
w/FUZE, B. D., Mk. X.
PROJECTILE, C. I., 2100-lb., M100.
PROJECTILE, A. P., empty, for sandloading, 2100-lb., Mk. II—mod. 2.

16–D–2 20 June 42. GUN, 16-inch, Mk. II—mod. 1 (NAVY).
CARRIAGE, barbette, M1919MI.
PROJECTILE, A. P., 2100-lb., Mk. II—mod. 2.
w/FUZE, B. D., Mk. X.

16–E–1 1 June 42. GUN, 16-inch, Mk. II—mod. 1. (NAVY).
CARRIAGE, barbette, M1919MI.
SHELL, A. P., 2240-lb., Mk. 12 (formerly Mk. XI).
w/FUZE, B. D., Mk. X.

16–A–1 1 April 24. HOWITZER, 16-inch, M1920. *C 2.*
CARRIAGE, barbette, Howitzer, 16-inch, M1920.
PROJECTILE, A. P., 2100-lb., Mk. II—mod. 2.
w/FUZE, B. D., Mk. X.
PROJECTILE, C. I., 2100-lb., M100.
PROJECTILE, A. P., empty, for sandloading, 2100-lb., Mk. II—mod. 2.

## 29. MOBILIZATION TRAINING PROGRAMS. (For description see Par. 11)

| NUMBER | DATE, TITLE AND CHANGES |
|---|---|
| MTP | |
| 1–2 | 15 Sept. 43. Mobilization Training Program for AAF Air Depot Group, AAF Service Group, AAF Airdrome Squadron, and AAF Station Complement Squadron. |
| 2–2 | 9 Dec. 43. Cavalry Mobilization Training Program for Cavalry Replacements at Enlisted Replacement Training Centers. |
| 3–1 | 1 Nov. 44. Mobilization Training Program for Chemical Warfare Service Enlisted Personnel of the Army Service Forces. |
| 3–2 | 1 July 44. Mobilization Training Program for Chemical Warfare Units of the Army Service Forces. |
| 3–7 | 15 Jan. 44. Unit Training Program for Chemical Battalions, Motorized. |
| 3–10 | 1 Oct. 44. Advanced Unit Training Program for Chemical Warfare Units of the Army Service Forces. |
| 3–101 | 27 Jan. 44. Individual Training Program for Chemical Battalions, Motorized. |
| 4–1 | 2 Oct. 41. Coast Artillery Mobilization Training Program for Coast Artillery Replacements at Coast Artillery Replacement Training Centers. |
| 4–2 | 4 Sept. 40. Coast Artillery Mobilization Training Program for Harbor Defense Regiments, Coast Artillery Corps, at Unit Training Centers. |
| 4–3 | 24 Feb. 42. Coast Artillery Mobilization Training Program for Antiaircraft Artillery Regiments at Unit Training Centers. |
| 4–4 | 26 Aug. 40. Coast Artillery Mobilization Training Program for Railway Artillery Regiments (excepting 12-inch and 14-inch guns), Coast Artillery Corps, at Unit Training Centers. |
| 4–5 | 26 Aug. 40. Coast Artillery Mobilization Training Program for Railway Artillery Regiments (12-inch and 14-inch Guns), Coast Artillery Corps, at Unit Training Centers. |
| 4–6 | 5 Sept. 40. Coast Artillery Mobilization Training Program for 155-mm Gun Regiments (tractor-drawn,) Coast Artillery Corps, at Unit Training Centers. |
| 4–7 | 15 May 42. Coast Artillery Mobilization Training Program for Barrage Balloon Units at Unit Training Centers. |
| 4–8 | 22 Dec. 42. Coast Artillery (Seacoast) Mobilization Training Program for Coast Artillery (Seacoast) Replacements at Enlisted Replacement Centers. |
| 4–9 | 3 Mar. 43. Coast Artillery Mobilization Training Program for Mine Planter Batteries. |
| 5–1 | 15 Oct. 44. Mobilization Training Program for Engineer Enlisted Personnel of the Army Service Forces. |
| 5–2 | 1 July 44. Mobilization Training Program for Engineer Units of the Army Service Forces. |
| 5–3 | 15 Mar. 43. Unit Training Program for Engineer Units of the Army Service Forces. |
| 5–4 | 2 Aug. 43. Unit Training Programs for Engineer Units of the Army Ground Forces. |
| 5–5 | 18 Sept. 43. Mobilization Training Programs for Engineer Units of the Army Air Forces. |
| 5–101–A | Mobilization Training Programs for Substandard Engineer Units of the Army Service Forces. |
| MTP | |
| 6–1. | 2 Aug. 44. Field Artillery Mobilization Training Program for Field Artillery Units (Unit Training). |
| 6–3 | 12 Nov. 44. Field Artillery Replacement Training Program for Field Artillery Replacements at Enlisted Replacement Training Centers. |
| 7–1 | 12 Sept. 43. Infantry Training Program, Individual Training for Infantry Regiment and Armored Infantry Regiment. |
| 7–2 | 1 Oct. 40. Infantry Mobilization Training Programs for Infantry Battalion, Antitank, at Unit Training Centers. |
| 7–3 | 4 Nov. 44. Infantry Mobilization Training Programs for Infantry Replacements at Enlisted Replacement Centers. |
| 7–4 | 1 Oct. 43. Infantry Training Program, Unit Training for Infantry Regiment. |
| 8–1 | 1 June 44. Mobilization Training Program for Medical Department Enlisted Personnel of the Army Service Forces. |
| 8–2 | 1 July 44. Mobilization Training Program for Medical Units of the Army Service Forces. |
| 8–4 | 14 Aug. 42. Medical Department Mobilization Training Program for Applicatory Training of Medical and Surgical Technicians in Military or Civil Hospitals. |
| 8–6 | 6 May 43. Training Program for Revised ROTC Training Program for Medical Army Specialized Training Units. |
| 8–10 | 1 July 44. Advanced Unit Training Program for the Unit Training of Field Medical Units. |
| 8–15 | 21 May 43. Medical Department Unit Training Programs for Medical Department (Army and Communications Zone) Supply Depots. |
| 8–22 | 20 Aug. 43. Mobilization Training Program for Portable Surgical Hospitals. |
| 8–101A | 10 Jan. 44. Mobilization Training Program for Substandard Medical Department Units. |
| 9–1 | 1 June 44. Mobilization Training Program for Ordnance Enlisted Personnel of the Army Service Forces. |
| 9–2 | 1 July 44. Mobilization Training Program for Ordnance Units of the Army Service Forces. |
| 9–12 | 3 Oct. 43. Unit Training Program for Ordnance Units of the Army Service Forces. |
| 9–100A | 30 Dec. 43. Mobilization Training Program for Substandard Ordnance Units of the Army Service Forces. |
| 10–1 | 1 June 44. Mobilization Training Program for Quartermaster Enlisted Personnel of the Army Service Forces. *C 1.* |
| 10–2 | 1 July 44. Mobilization Training Program for Quartermaster Units of the Army Service Forces. |
| 10–3 | 14 April 43. Unit Training Programs for Quartermaster Units of the Army Service Forces. |
| 10–5 | 1 July 44. Mobilization Training Program for War Dog Handlers of the Army Service Forces. |
| 10–201 | 10 April 44. Mobilization Training Program for Italian Quartermaster Units of the Army Service Forces. |
| 11–1 | 1 June 44. Mobilization Training Program for Signal Corps Enlisted Personnel of the Army Service Forces. |
| 11–2 | 1 July 44. Mobilization Training Program for the Training of Signal Corps Units. |

| NUMBER | DATE, TITLE AND CHANGES |
|---|---|
| MTP | |
| 11–3 | 16 Jan. 42. Signal Corps Mobilization Training Programs for Signal Corps Units, Air Forces, at Unit Training Centers. |
| 11–4 | 12 May 43. Signal Corps Unit Training Programs for Signal Corps Units. |
| 12–1 | 15 June 44. Mobilization Training Program for the Adjutant General's Enlisted Personnel of the Army Service Forces. *C 1, 2.* |
| 12–2 | 1 July 44. Mobilization Training Program for the Adjutant General's Units of the Army Service Forces. *C 1.* |
| 14–1 | 1 June 44. Mobilization Training Program for Finance Department Enlisted Personnel of the Army Service Forces. |
| 14–2 | 1 July 44. Mobilization Training Program for Finance Units of the Army Service Forces. |
| 14–3 | 3 May 43. Unit Training Program for Finance Department Detachments. |
| 17–1 | 31 Jan. 42. Armored Force Mobilization Training Program for Armored Force Replacements at Armored Force Replacement Training Centers. |
| 18–1 | 1 April 42. Mobilization Training Programs for Tank Destroyer Battalions at the Unit Training Center, Tank Destroyer Command. *C 1.* |
| 18–2 | 10 Dec. 43. Tank Destroyer Mobilization Training Program for Tank Destroyer Replacements at Enlisted Replacement Training Centers. |
| 19–1 | 1 June 44. Mobilization Training Program for Military Police Enlisted Personnel of the Army Service Forces. |
| 19–2 | 1 July 44. Mobilization Training Program for Military Police Units of the Army Service Forces. |
| 19–3 | 15 June 43. Military Police Unit Training Programs for Military Police Units. |
| 19–101A | 15 Dec. 43. Military Police Mobilization Training Program for Substandard Military Police Units of the Army Service Forces. |
| 20–1 | 8 May 44. Mobilization Training Program for Special Training Units. |
| 20–2 | 31 Dec. 41. Mobilization Training Program for Enlisted Replacements at Branch Immaterial Replacement Training Centers. |
| 20–3 | 10 Aug. 44. Mobilization Training Program for Men Awaiting Assignment at Reception Centers. *C 1.* |
| 20–4 | 31 Dec. 42. Mobilization Training Program for Men Awaiting Assignment at Replacement Depots. |
| 20–6 | 27 Oct. 43. Mobilization Training Program for Personnel at Processing Centers. |
| 21–3 | 1 May 44. Mobilization Training Program for Enlisted Personnel of the Army Service Forces. *C 1.* |
| 22–2 | 10 July 44. Mobilization Training Program for Rehabilitation Centers. |
| 28–1 | 1 June 44. Mobilization Training Program for Special Services Division Enlisted Personnel of the Army Service Forces. |
| 28–2 | 15 June 43. Special Service Unit Training Program for Special Service Companies of the Army Service Forces. |
| 28–3 | 1 July 44. Mobilization Training Program for Special Service Units of the Army Service Forces. |
| 28–101A | 6 Dec. 43. Special Service Mobilization Training Program for Substandard Special Service Companies of the Army Service Forces. |

| NUMBER | DATE, TITLE AND CHANGES |
|---|---|
| MTP | |
| 35–2 | 15 Oct. 44. Mobilization Training Program for WAC Detachments in the Field. |
| 35–10 | 1 July 44. Mobilization Training Program for WAC Enlisted Personnel of the Army Service Forces. |
| 55–1 | 15 Sep. 44. Mobilization Training Program for Transportation Corps Enlisted Personnel of the Army Service Forces. |
| 55–2 | 1 Oct. 44. Mobilization Training Program for Transportation Corps Units of the Army Service Forces. |
| 55–3 | 12 May 43. Unit Training Program for Transportation Corps Port Battalions and Companies. |
| 55–4 | 1 Oct. 44. Mobilization Training Program for Transportation Corps Military Railway Service Units of the Army Service Forces. |

## 30. TECHNICAL BULLETINS. (For description see par. 8)

| NUMBER | DATE, TITLE AND CHANGES |
|---|---|
| | **CHEMICAL WARFARE** |
| TB | |
| *CW 2* | *12 Feb. 44*[1]. *Mechanized Flame Throwers, E4–5 and E5R1–5.* |
| CW 3 | 6 Mar. 44. Blood and Nerve Poisons. |
| CW 4 | 4 Apr. 44. Bomb, Incendiary 500-pound, M76 (T2E1): |
| CW 6 | 26 Apr. 44. Army Assault Gas Mask E6–3–7. |
| CW 7 | 26 May 44. Army Assault Gas Mask Facepiece E6. |
| CW 8 | 30 May 44. Bursting AN–M14 Incendiary Grenade. |
| CW 9 | 27 May 44. Conversion of Shell, Smoke 155-mm M116 (base ejection) to Shell, Smoke (colored) 155-mm, M116 (base ejection). |
| CW 10 | 15 Jul. 44. Assembly of Burster and Igniter In M47A1 and AN–M17A2 Incendiary Bombs. |
| CW 11 | 27 Jun. 44. Aimable Cluster AN–M17A1. |
| CW 12 | 24 Jul. 44. Gas Munitions Requirements Data for Army Air Forces. |
| CW 15 | 2 Sept. 44. Kit, Tool, Bomb Venting, El. |
| CW 16 | 16 Sep. 44. Bomb Clusters Using E6R2 Adapter. |
| CW 17 | 16 Oct. 44. Flame Throwers, Mechanized E4R2–5RI and E4R2–4R3–5R1. |
| CW 18 | 8 Nov. 44. Fit, Fuel Filling, Flame Thrower, E6. |
| CW 19 | 8 Nov. 44. Clusters Using E23 Adapter. *C 1.* |
| CW 20 | 17 Oct. 44. Cleaning Interiors of Compressed Gas Cylinders, Tanks and Accessories. |
| *CW23* | *24 Nov. 44*[1] *Protector, Facepiece E21R2.* |
| **CW24* | *21 Dec. 44*[1] *4.2-Inch Recoilless Chemical Mortar E34R1.* |
| 3–200–3 | 20 May 44. Fuze, Delay M4 for 4.2-Inch Chemical Mortar Shell. |
| 3–205–1 | 20 Dec. 43. Auxiliary Canisters. |
| 3–205–2 | 21 Aug. 44. Canister, HCN, M2. |

[1]This Technical Bulletin is distributed only to interested headquarters and to individuals whose duties require that they have it. This Technical Bulletin must be safeguarded in accordance with provisions of AR 380–5.

| NUMBER | DATE, TITLE AND CHANGES |
|---|---|

## CHEMICAL WARFARE—Continued

TB

3–205–3 30 Aug. 44. Mask, Gas, Service, M2A2, Oil Vapor MI–IIIA1.

3–205–4 3 Oct. 44. Cannister, Ammonia, M20.

3–205–5 2 Sept. 44. Mask, Gas, Head Wound, M7–11–9.

3–205–6 29 Aug. 44. Mask, Gas, Dog, M6–12–8.

3–205–7 20 Sep. 44. Maintenance and Repair of Dust Respirators M1 and M2.

*3–205–8 30 Nov. 44. Fitting of Mask, Gas, Service Lightweight, M3–10A1–6 and Mask, Gas, Service, Combat, M5–11–7.

3–205–9 14 Nov. 44. Reconditioning Gas Masks Carriers.

3–220–1 23 Sept. 44. Apparatus, Decontaminating, 3-Gallon, M1.

3–220–2S2 3 Nov. 44. Procedure for Theater of Operations Quality Check of Bleaching Material (for decontamination).

*3–220–3 Dec. 44. Repair and Maintenance of Apparatus, Decontaminating, 1½ quart, M2.

3–222–1 27 Dec. 43. Transportation for Decontaminating Apparatus, M4.

3–223–1 26 Jun. 44. Decontaminating Apparatus, M3A2, 400 Gal. Truck Mount Power-Driven.

3–255–1 8 Jul. 44. Valve Replacement Mechanism Type M1.

3–255–3 28 Oct. 44. Beam, Grab, M1.

*3–255–4 Dec. 44. Alteration of Beam, Hoisting Airplane Smoke Tank, M2.

3–270–1 10 July 44. Use of Dye In Clothing Impregnating Plant M1 (Theater of Operation).

*3–270–2S4 Jan. 45. Procedure for Determining Serviceability of Chlorinated Paraffin Stored at Theater of Operations Depot.

*3–270–3S5 Jan. 45. Procedure for Determining Serviceability of Acetylene Tetrachloride (Tetra-Chlorethane) Stored in Drums at Theater of Operations Depot.

3–300–1 27 May 44. HC Smoke Pot M5.

3–300–2 1 Jul. 44. HC Floating Smoke Pot M4A2.

3–300–3 30 Aug. 44. Grenade, Hand, Riot (CN), E3R2.

3–300–4 13 Sep. 44. Floating Smoke Pot. Rack E1 for Landing Craft.

3–300–6 27 Nov. 44. Incendiary, Safe Destroying, M1A1.

3–300–7 27 Nov. 44. Incendiary, Equipment Destroying, M2A1.

3–320–1 27 Jan. 44. 4.2-inch Chemical Mortar Mount, LC, E2R2.

3–320–2 29 Feb. 44. Training Accessories for the 4.2 inch Chemical Mortar.

3–320–3 20 May 44. Fuze, Delay M4 for 4.2-Inch Chemical Mortar Shell.

3–320–4 22 May 44. Fuze, Time and Super-Quick, M5 (E39) for 4.2 Inch Chemical Mortar Shell.

3–320–5 13 May 44. Mule Pack M2.

3–320–6 19 Jun. 44. Mount, Telescope M59. *C 1.*

3–320–7S3 Nov. 44. Theater of Operations Quality Check of Shell, 4.2-in. Chemical Mortar, M2.

3–350–1S1 14 Oct. 44. Inspection of Curtain, Gasproof M1.

3–350–2 6 Nov. 44. Protector, Collective, M3.

3–376A–1 19 Oct. 44. Pressure Tanks for Flame Thrower, Portable, M2–2.

## ENGINEERS

5–25–2 18 Feb. 44. Weatherproof Fuse Lighter, M2.

5–25–3 27 Apr. 44. Adaptor, Priming, Explosive.

| NUMBER | DATE, TITLE AND CHANGES |
|---|---|

TB

5–25–4 25 May 44. Instructions For Use of Detonator, Concussion, Type T–1.

5–255–1 26 Apr. 44. Subgrade and Base-Course Requirements For Airplane Landing Mats of Steel and Wood.

5–255–2 28 Sep. 44. Field Manufacture of Cut-Back Asphalt.

5–271–1 16 Feb. 44. Bridging for Inundated Areas and Tidal Estuaries.

5–271–2 15 Aug. 44. Pusher Knee For Standard Power Utility Boats.

*5–272–1 26 Jan. 44. M2 Treadway Ferry, Set No. 2.

5–272–2 13 Apr. 44. Steel-Treadway Bridge M1.

5–272–3 17 Jun. 44. Reducing Twist Due to Torque In Steel Treadways; V-Approach For Steel Treadways.

5–272–4 12 Aug. 44. Expedient Adapter for Using M31 Tank Recovery Vehicle to Launch Steel Treadways Over Narrow Gaps.

*5–272–5 Jan. 45. Use of Steel Treadway Bridge in Ship-to-Shore Operations.

5–273–1 15 Jan. 44. Trestle Bracing Clamp.

5–273–2 2 Jun. 44. Ponton Bow Adapter.

5–274–1 18 Feb. 44. H–10 Steel Box-Girder, Fixed Bridge, (Knockdown Type).

*5–277–2 3 Aug. 44. Notes on Panel Bridge, Bailey Type.

5–295–1 25 Apr. 44. Treatment of Poisoned Water.

5–295–2 23 Aug. 44. Water Purification Equipment Diatomite, Pack (Man or Animal Type), 15-GPM.

5–297–1 14 Feb. 44. Transportation of Standard Well-Drilling Machines.

5–355–1 7 Nov. 44. Operation of Engineer Gas Generating Unit.

5–1002–1 5 May 44. New Data and Parts for Mixer, Asphalt, Diesel, Travel or Central Plant, Trailer-Mounted, 110 to 200 tons per hour, Barber-Greene, Model 848, Heavy Duty.

5–1004–1 10 Nov. 44. New Data and Parts for Dryer, Aggregate, Dual-Drum, Travel or central Plant, Trailer-Mounted, 80 to 150 tons per hour, Barber-Greene, Model 833.

5–1006–1 27 Apr. 44. New Data and Parts For Loader, Aggregate, Bucket, Crawler-Mounted, Gasoline, 3-Cu. Yd., 19-Ft. 10-in. Boom (For Use with Dryer), Barber-Greene, Model 82-AD, and 17-Ft. 4 in. Boom (For Use with Mixer), Model 82-AM; Engine: Buda, Model HP-298.

5–1010–1 26 Apr. 44. New Data and Parts for Conveyor, Belt, Transfer, Gasoline Engine-Driven, 24-in. x 57 ft., Barber-Greene, Style N.

5–1014–1 31 Dec. 43. Heater, Asphalt Trailer Mounted, Three Car, 42 HP Cleaver-Brooks, Model DS3.

5–1028–1 17 Jan. 44. Grader, Road, Motorized, Diesel Engine Driven, 12-Ft. Moldboard, Galion, Model 101-D.

5–1030–1 24 Oct. 44. Preparation for Export, Crusher, Rock, Jaw Type, 4-Wheel, Trailer-Mounted 7 Cubic Yards per hr. Gruendler, Model 1016A.

5–1032–1 4 Dec. 43. Ditching Machine, Ladder-Type, Crawler-Mounted, Gasoline, Digging Depth 8 Ft., 3 In. Width, 24 In., Barber Greene, Model 44-C.

5–1032–2 21 Jun. 44. New Data and Parts For Ditching Machine, Ladder-Type, Crawler-Mounted, Gasoline, Digging Depth 8-Ft., Width 18 to 24-in., Barber-Greene, Model 44-C.

ENGINEERS—Continued

TB

5–1042–1 11 Dec. 43. Heater, Asphalt, Trailer Mounted two car 28 HP Cleaver Brooks Model DS 2 with Model Z or ZZ Engine.

5–1050–1 23 Feb. 44. Batching Plant, Aggregate, 3-Compartment, 150-ton Capacity, Blaw-Knox, Model P3105.

5–1054–1 31 Dec. 43. Drag, Brush, Bituminous, 8 x 12-ft., Traffic and Road Equipment Company, Model D.

5–1058–1 4 Dec. 43. Spreader, Concrete, Gasoline Engine Driven Form Riding, 20 ft. Width, Blaw-Knox, Model SA.

5–1068–1 30 Dec. 43. Finisher, Concrete, Form-Riding, 20 to 25 Ft., Blaw-Knox, Model XC.

5–1074–1 12 Jan. 44. Mixer, Concrete, Gasoline Engine-Driven, Trailer-Mounted 7-Cu. Ft. Koehring, Model 7S A-5.

5–1076–1 1 Jan. 44. Mixer, Concrete, Gasoline Engine-Driven Trailer-Mounted, 14 Cu. Ft. Ransome, Model 14 S-U.

5–1080–1 6 Feb. 44. Harrow, Spike-Tooth, 4-Section, International Harvester, Model 2.

5–1086–1 4 Dec. 43. Plow, Tractor, with Standing Cutter and Single Plain Share, Deere, Model II.

5–1088–1 5 Jan. 44. Plow, Bottom and Disc., Towed-Type, Four 14-in. Bottoms, Deere, Model 7.

5–1092–1 24 Dec. 43. Grader, Road, Towed-Type, Leaning-Wheel, Hand-Controlled, 12-Ft. Moldboard, Adams, Model 124 S.

5–1112–1 27 Jan. 44. Crushing and Screening Plant, 2-Unit, Gasoline, Semi-Trailer-Mounted, with Dollies, 25 cu. Yd. per hour. Iowa, Model 2 and 2A.

5–1118–1 28 Apr. 44. New Camshaft and Carburetor for Loader, Aggregate, Bucket, Crawler-Mounted, Gasoline, 3-Cu. Yd., 19-Ft. 10-In. Boom (For Use with Dryer), Barber-Greene, Model 82-AD, Engine: Buda, Model HP-326.

5–1120–1 29 Dec. 43. Grader, Road, Towed-Type, Leaning-Wheel, Hand-Controlled, 6½ Ft. Moldboard, Adams, Model 11-S.

5–1122–1 11 Mar. 44. Roller, Road, Towed Type, Sheep's-foot, 1-Drum, with Removable Feet, Adams, Model 10-S.

5–1126–1 29 May 44. Preparation for Export of Mixer, Rotary Tiller, Soil Stabilization, Power Take-Off, Trailer-Mounted, Seaman, Model ABT-48.

5–1132–1 4 Jan. 44. Distributor, Bituminous Material, 1250-gal. Etnyre Model, MX-D5, Style RE.

5–1132–2 19 July 44. New Data and Parts for Distributor Bituminous Material, Trailer-Mounted 1,250-Gal. Etnyre, Model D-140.

5–1136–1 26 Jan. 44. Pump, Water, Trailer-Mounted with Distributor Attachment Rosco, Model MAE.

5–1140–1 16 Dec. 43. Roller, Road, Towed-Type, Wheeled, Rubber-Tired, 13 Tires, Wm. Bros., Model 67-W.

5–1140–2 31 May 44. Roller, Road, Towed-Type, Wheeled, Rubber-Tired, 13 Tires, Wm. Bros., Model 67-W.

*5–1150–1 18 Nov. 44. Preparation for Export, Distributor, Water, Truck-Mounted 1,000-gallon Rosco, Model MME.

5–1154–1 16 Jan. 44. Kettle, Asphalt Repair, Trailer-Mounted with Motor-Driven Hand-Spray, 165-Gallon Capacity, Littleford, Model 84 HD-3.

NUMBER DATE, TITLE AND CHANGES

TB

5–1154–2 24 Oct. 44. Preparation for Export—Kettle, Asphalt-Repair, Trailer-Mounted, With Motor-Driven Hand-Spray, 164-Gallon Capacity, Littleford, Model 84HD-3.

5–1156–2 12 Sep. 44. Preparation for Export, Kettle, Asphalt-Repair, Trailer-Mounted, with Motor-Driven Hand-Spray, 110-Gallon Capacity, Littleford, Model US-66.

5–1174–1 Oct. 44. Preparation for Export, Crane, Truck-Mounted, Gasoline, ⅜ cubic yard, quickway, Model E, with IH Model U-9, Power Unit.

*5–1178–1 Dec. 44. New Data and Parts for Shovel Crawler-Mounted, Diesel, 2-cubic-yard, with Attachments, Thew, Model Lorain 82 with Caterpillar Model D–13000 Engine.

5–1180–1 31 Aug. 44. Preparation for Export—Ditching Machine, Wheel Type, Crawler-Mounted, Gasoline, Digging Depth 5 ft. 6 in. Width 23 in., Cleveland, Model 110.

5–1186–1 1 Aug. 44. Preparation for Export Roller, Road, Diesel, 3-Wheel, 6-ton, Huber.

5–1188–1 22 Feb. 44. Roller, Road, Gasoline, 3-Wheel, 10-Ton, Huber.

5–1190–1 4 Dec. 43. Scraper, Road, Towed-Type, Hydraulic-Operated 1½ cu. yd., LaPlant-Choate, Model Cab.

5–1192–1 13 Sept. 44. Preparation for Export—Finisher, Concrete Form Riding, 20 to 25 ft. Blaw-Knox Model XD.

5–1202–1 4 Mar. 44. Scraper, Road, Motorized, Cable-Operated, 12-Cu. Yd., LeTourneau, Model Super-C Tournapull with Model LP Carry-all.

5–1210–1 15 Dec. 43. Scraper, Road, Towed-Type Cable-Operated, 8 cu. yd., Type III, LeTourneau, Model LS.

5–1212–1 30 Dec. 43. Scraper, Road, Towed-Type, Cable-Operated, 12-cu. yd., Type IV, LeTourneau, Model LP.

5–1280–1 21 Dec. 43. Mixer, Asphalt, Gasoline Engine-Driven, Repair Plant, Semi-Trailer Mounted, Pneumatic Tires, 15 to 30 Tons per hr. Barber-Greene, Model 841.

5–1280–2 22 Dec. 43. Dryer, Aggregate, Single-Drum Semi-Trailer Mounted, Pneumatic Tires 15 to 30-Tons per Hour, Barber-Greene Model 831.

5–1280–3 22 Dec. 43. Stabilizer, Soil, Semi-Trailer Mounted, with Dolly, Barber-Greene, Model 821.

5–1280–4 27 Dec. 43. Elevator, Bucket, Trailer-Mounted, Barber-Greene Model 831.

5–1280–5 15 May 44. New Data and Parts for Asphalt and Soil Aggregate Mixing Plant, Gasoline Engine-Driven, 25-Tons per hour, 4 Unit, Barber-Greene.

*5–1284–1 18 Nov. 44. Spreader, Concrete, Gasoline-Engine-Driven, Form-Riding 20- to 25-ft. width, Blaw-Knox, Model SC, with Vibrator Attachment and Continental Model PF–226 Engine.

5–1334–1 22 May 44. Rooter, Road, Lever-Operated, 3-Tooth, Austin-Western Model Rip-Rooter.

5–1722–1 24 Dec. 43. Searchlight, 60-inch, Sperry, Models 1939, 1940, 1941, 1941A, 1942, 1942A.

5–2024–1 4 Dec. 43. Well Drilling Machine, Rotary-Type, Skid-Mounted, Gasoline Engine Driven Failing, Model 314.

5–2028–1 11 Feb. 44. Pump, Centrifugal, Gasoline Engine-Driven, Base-Mounted, 4-in. Discharge, 200-gpm at 350-ft. Head, Gormann-Rupp, Model C54-14.

| NUMBER | DATE, TITLE AND CHANGES |
|---|---|

ENGINEERS—Continued

TB

5–2036–1 30 Nov. 43. Pump, Centrifugal, Gasoline Engine-Driven, Base-Mounted, 1½-in. Discharge, 125-gpm at 300-ft. Head, Economy Model B-180.

5–2038–1 21 Feb. 44. Pump, Centrifugal, Gasoline Engine-Driven, Base-Mounted, 2-in. Discharge, 60-gpm at 125-ft. Head, Gorman-Rupp, Model W52-10 and W52-10A.

5–2040–1 15 Dec. 43. Pump, Deep Well, Gasoline Engine-Driven Turbine-Type, 200-gpm at 200-ft. Head, Peerless Model 6M.

5–2040–2 15 May 44. Pump, Deep Well, Gasoline Engine-Driven, Turbine-Type, 200-gpm at 200-ft. Head, Peerless, Model 6M.

5–2040–3 11 Oct. 44. Pump, Deep-Well, Gasoline-Engine-driven, Turbine Type, 200 GPM at 200-Foot Head, Peerless Model 6M.

5–2046–1 29 Aug. 44. Preparation for Export Pump, Deep Well, Gasoline Engine-Driven, Helical-Rotor Type, 60-gpm at 250-ft. Head, Type 1, Peerless Hi-Lift, Model 52.

*5–2054–1 16 Feb. 43. Pump, Deep Well, Gasoline Engine-Driven, Helical Rotor Type, 30-GPM at 250-ft. Head, Type II, Peerless, HI-Lift Model 42.

5–2056–1 25 Jan. 44. Pump Centrifugal, Gasoline Engine-Driven Trailer-Mounted, 4-in. Discharge 500-GPM at 20 ft. Head, Carver, Model 4822.

5–2062–1 29 May 44. Distillation Unit, Skid-Mounted, 2,500 gal. per day, Clever-Brooks, Model M3E-12.

5–2116–1 7 Feb. 44. Pump, Centrifugal, for Gasoline, Gasoline Engine-Driven, Base-Mounted, 6-in. Discharge, 8-in. Suction, 1000-gpm. at 300 ft. head, American Marsh, Model 6B, Type HBE.

5–2279–1 12 Jun. 44. Pump, Centrifugal, for Gasoline, Gasoline Engine-Driven, Base-Mounted, 3-in. Discharge, 3-in. Suction, 200-gpm at 1,000-ft. Head, or, in Parallel, 400-gpm at 500-ft. Head, Hanlon-Waters, Type 1650.

5–2316–1 12 Mar. 44. Pump, Centrifugal, Gasoline Engine-Driven, Base-Mounted, 4-in. Discharge, 480-GPM at 300-Ft. Head, Leff, Model Aurora AD-2.

5–3000–1 16 Dec. 43. Tractor, Wheeled, Rubber-Tired, Gasoline 30-DBHP, Standard or Rigid, Case, Model DL.

5–3006–1 13 Dec. 43. Tractor, Wheeled, Steel-Tired, Gasoline, 30-DBHP, Standard, Case, Model DI, with Evans ECC Winch.

5–3012–2 18 Oct. 44. Preparation for Export, Tractor, Wheeled Rubber-Tired, Gasoline 23-DBHP, Standard, Case SI, with LaPlant-Choate Power Control-Unit.

5–3020–1 18 Jul. 44. Tractor, Crawler, Gasoline, 15-DBHP, Standard, Clark, CA-1-Clarkair, 31-Inch Gauge with LaPlant-Choate Babx Bulldozer, LaPlant-Choate Power Control Unit and Braden Towing Winch.

5–3046–1 3 Dec. 43. Tractor, Crawler, Diesel, 110-140 DBHP, Standard, Caterpillar D8, 78 in. Gage, with LeTourneau CKD-8 Angledozer, LeTourneau FTD-8 Power Control Unit and Hyster D8N Winch.

5–3056–1 3 Dec. 43. Tractor, Cat D8 with Le Tourneau C4 Angle-Dozer and T-4 Power Control Unit.

5–3070–1 8 Dec. 43. Tractor, Crawler, Diesel, 70 to 90 DBHP Standard, Caterpillar D7, 74 in. Gage with LeTourneau WCK-7 Angledozer, FTD-7 Front Power Control Unit, R-7 Rear Power Control Unit.

5–3112–1 13 Dec. 43. Tractor, Crawler, Diesel, 35 to 40-DBHP Standard, Caterpillar D4, 44-in. Gage. With LeTourneau C-4 Angledozer and T-4 Power Control Unit.

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5–3118–1 4 Jan. 44. Tractor, Crawler, Diesel, 35 to 40 DBHP Rigid, Caterpillar D4, 60 in. Gage, with Athey W-4 Bucket Loader and Hyster D4N Winch.

5–3124–1 1 Feb. 44. Tractor, Crawler, Diesel, 35 to 40 DBHP Standard, Caterpillar D4, 44-in. gage, with LaPlant-Choate 4R Angledozer and Le-Tourneau T-4 Power Control Unit.

5–3132–1 30 Dec. 43. Tractor, Crawler, Gasoline, 35-DBHP Standard, Caterpillar R-4, 44-in., Gage, W/LeTourneau C-4 Angling Blade and T-4 Power Control Unit.

5–3140–1 22 Sep. 44. Tractor, Crawler, Gasoline, 35-DBHP, Standard, Caterpillar R-4, 44-Inch Gauge With LeTourneau A-4 Tilting-blade, LeTourneau HN Power Control Unit, and Hyster-D4A Winch.

*5–3280–1 Nov. 44. New Data and Parts for Tractor, Crawler, Diesel, 70 to 90 DBHP, Standard or Rigid, International, TD–18, 74-Inch Gauge.

5–4002–1 28 Dec. 43. Saw, Chain, Portable, Gasoline Engine-Driven 36-in. Blade, Disston Model G-10.

5–4008–1 17 Feb. 44. Saw, Table, Tilted-type, Portable, Gasoline Engine-Driven, Skid-Mounted, 16-in. Blade, Beach, Model 10-A.

5–4030–1 17 Feb. 44. Furnace, Oil, Drill Steel, Ingersoll-Rand, Model 27-F.

5–4032–1 2 Sep. 44. Preparation for Export Sharpener Drill-Steel Pneumatic-Driven Ingersoll-Rand Model 40.

5–4034–1 12 Sep. 44. Drifter Drill, Pneumatic, Wagon-Mounted, Ingersoll-Rand, Model X-71, WD (on FM-2 Wagon).

5–4050–1. 3 Jan. 44. Sharpener, Chain Saw, Gasoline Engine-Driven Disston, Model GI-C5.

5–4052–1 31 Jan. 44. Saw, Chain, Portable, Gasoline Engine-Driven 36-in. Blade, Disston, Model G-36.

5–4056–1 30 Dec. 43. Sharpener, Chain Saw, Gasoline Engine Driven, Lofstrand, Model GLS-101.

5–4070–1 12 Sept. 44. Preparation for Export, Grinder, Detachable Drill-Steel Bit Air Motor-Driven Ingersoll-Rand, Model JA-3.

5–4190–1 8. Mar. 44. Grinder, Pneumatic, Rotary-Type, 5 x 1-in. Vitrified 8 x 1-in. Organic Wheel, Ingersoll-Rand Model 4-G.

5–5020–1 21 Feb. 44. Generator Set, Portable, Diesel, Base-mounted, 30-KW, 127/220-Volt 3-Phase, 60 Cycle or 230/440-Volt 3-Phase, 50 Cycle, Ready Power, Model RD-14A.

5–5026–1 26 Jan. 44. Generator Set, Portable, Diesel, Skid-Mounted, 15-KW, 127/220 Volt, 3-Phase, 60-Cycle, or 230/400-volt, 3-phase 50-cycle, Ready Power, Model Rd-6A.

5–5034–1 9 Aug. 44. Generator Set, Portable, Gasoline-Engine Driven, Skid-Mounted, 1½-Kilowatt, 115-Volt, 1-Phase, 60-Cycle, Homelite, Model HRUA.

5–5042–1 8 Mar. 44. Compressor, Air, Trailer-Mounted Steel Wheels, Diesel, 500-CFM, Chicago Pneumatic, Model 500, PO-8.

5–5052–1 11 Jan. 44. Generator Set, Portable, Diesel, Skid-Mounted, 100-kw, 127/220-Volt, 3-Phase, 60-Cycle. or 230/400-Volt, 3-Phase, 50-Cycle, Murphy, Model ME-650.

5–5060–1 6 Jan. 44. Compressor, Air, Skid-Mounted Gasoline, 105 CFM, Le Roi, Model 105–GA.

5–5060–2 7 Jan. 44. Compressor, Air, Gasoline, Truck-Mounted, 105-cfm, LeRoi Model 105-GA, 2½-Ton, 6 x 6.

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## ENGINEERS—Continued

TB

5-5096-1 25 Apr. 44. Compressor, Air, Portable, Gasoline 16-cfm. Quincy, Model 216.

5-5100-1 16 Feb. 44. Compressor, Air, Trailer-Mounted, Steel Wheels, Diesel, 315-CFM, Ingersoll-Rand, Model IK-315.

5-5106-1 14 Feb. 44. Compressor, Air, Trailer-Mounted Pneumatic Tires, Gasoline Engine-Driven 60-CFM Ingersoll-Rand Model 6R-50.

5-5120-1 3 Dec. 43. Welder, Electric Arc, Gasoline Engine-Driven 300 AMP, Skid-Mounted, Hobart, Model GR-300S.

5-7044-1 4 Dec. 43. Trailer, Tilting-Type, Searchlight, 60-in. 4-wheel, Fruehauf, Model 1131, Type M-1.

5-7046-1 18 Dec. 43. Searchlight, 60-inch, General Electric, Models 1940, 1941, 1941A, 1942, 1942A.

5-7072-1 31 Dec. 43. Winch, Barrage Balloon, Portable, Low Altitude, U. S. Type, Wilson, W-3 M-1 and W-4 M-1.

5-7090-1 31 Dec. 43. Winch, Barrage Balloon, Portable, Very Low Altitude, U. S. Type, Franks or Benson, Model M-1, Power-Operated.

5-8000-1 5 July 44. Motor, Outboard, 22 HP, Johnson, POLR 15.

5-8010-1 27 Dec. 43. Motor, Outboard, with Chest and Spares, 50 to 55-hp. Evinrude, Model 8008.

5-8020-1 31 Dec. 43. Boat, Utility, Power, 18 Ft. Pen-Yan Model AT.

5-8058-1 20 July 44. Handling 45-Inch Treadways with Crane, Truck-Mounted, Bridge Erector, Hydraulic-Operated, Daybrook, Model M-II-A.

5-9060-1 14 Dec. 43. Crane, Tractor-Operated, Nonrevolving 40,000-lb. Capacity at 10-ft. Radius, 20 ft. boom LeTourneau Model M-20.

5-9074-1 28 Feb. 44. Trailer, 2-Wheel, Utility, Pole-type, 2½ ton type I, Infantry, Raft Equipment and/or Pneumatic Bridge Equipment, Deere, Model D2424.

5-9078-1 6 Dec. 43. Sweeper, Rotary Broom 3-Wheel Trailer-Mounted, Gasoline, Two-way sweeping, 30-in., x 8 ft. brush, Grace, Model MB100.

5-9082-1 10 Jan. 44. Sweeper, Rotary-Broom, Tractor-Mounted and Powered, One-Way Sweeping, 30-in., x 7-ft. Hough, Model K.

5-9084-1 27 Jan. 44. Trailer, Dump, Towed-Type, 2-Wheel, ½-ton, Converto.

5-9086-1 11 Mar. 44. Ice Plant, Gasoline Engine-Driven, 1 Ton, York, Model V-50.

5-9094-1 26 Dec. 43. Refrigeration Equipment, Automatic Control, Gasoline Engine-Driven, U. S. Thermo Control, Model OCE-300-FLG-A.

5-9102-1 12 May 44. Trailer, Tilting-Type, 4-Ton, For Light Tractor, Commercial Shearing and Stamping Co.

5-9104-1 2 Dec. 43. Cleaning Unit, Steam, Shop Wheel-Mounted, Oil Burning, One-Gun Nozzle-controlled, Homestead, Model JMI.

5-9116-1 17 Dec. 43. Mower, Tractor-Drawn, Cutter Bar type, Steel tired, 7-ft. cutter Bar, Case Model 57.

5-9132-1 26 Jan. 44. Auger, Earth Skid-Mounted, Gasoline, Highway Trailer Co. Model HDM-S.

5-9160-1 30 Dec. 43. Pump, Deep Well, Gasoline Engine-Driven, for Gasoline, Turbine Type, 4-in. Discharge, 150-gpm, at 150-ft. Head, Cook, Model PI-606.

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5-9176-1 7 Dec. 43. Hoist, Gasoline, Double-Drum, 4-ton Jaeger, Model-2A, Dixie Special.

5-9216-1 6 Sept. 44. Preparation for Export, Semitrailer, Low-Bed, with Dolly, 20-Ton, LaCrosse, Model DF6-20.

5-9232-1 27 Dec. 43. Crane, Truck-Mounted, Diesel, or Gasoline, 10 ton, 3¼ cu. yd., Thew, Model MC-3, (10-ton).

*5-9324-1 Dec. 44. New Data and Parts for Sprayer, Paint, Pneumatic, Portable, with Compressor, Gasoline-Engine-Driven, Wheelbarrow Type, with Two 5-Gallon Galvanized Steel Tanks, and Accessories, Binks, Model E-2 (Engine, KieKhaefer Model KB6-F).

5-9352-1 22 Dec. 43. Shop, Engineer, Motorized, General Purpose.

5-9362-1 26 Dec. 43. Shop Engineer, Motorized, Electrical Repair.

5-9386-1 22 April 44. Drag, Snow, Rectangular, 28-ft. Wide, Blaw-Knox.

*5-9400-1 Jan. 45. Tropicalization of Land Odograph M1 in the Field.

*5-9401-1 Dec. 44. New Data for Odograph, Land, 6-Volt, with Cables for Installation in Truck ¼-Ton, 4 x 4, Monroe Model M-1.

5-9601-1 4 Nov. 44. Barracks, Portable, Sectional, all wood, insulated, procedure for erection with 47 packages.

5-9613-1 5 Oct. 44. Erection Instructions for Building Shell, Tropical, Precut, Complete. 20 by 54 ft.

5-9615-1 28 Oct. 44. Erection, Instructions for Building, Shell, Tropical, Precut, Complete, 110 by 405 ft.

5-9713-1 15 April 44. Preparation for Export Spare Parts for Corps of Engineers Equipment.

5-9720-1 3 Jan. 44. Technical Data for Grading, Excavating and Earth Moving Equipment.

5-9720-2 5 Jan. 44. Technical Data for Asphalt Plants and Pugmill Mixing Plants.

5-9720-3 7 Jan. 44. Technical Data for Air Compressors.

5-9720-4 10 Jan. 44. Technical Data for Bitumen & Water Distributing Equipment, Kettles, Sweepers, Aggregate Spreaders.

5-9720-5 12 Jan. 44. Technical Data for Electrical Equipment.

5-9720-6 14 Jan. 44. Technical Data for Snow Removal Equipment.

5-9720-7 24 April 44. Technical Data for Maintenance Tools and Equipment.

5-9720-8 19 Jan. 44. Technical Data for Road Rollers.

5-9720-9 21 Jan. 44. Technical Data for Construction Tools.

5-9720-10 23 Jan. 44. Technical Data for Gravel Pit & Quarry Equipment.

5-9720-11 10 July 44. Tractors and Tractor Attachments.

*5-9720-12 27 Oct. 44. Technical Data for Pumps.

5-9720-14 21 July 44. Technical Data for Gas Welding Equipment.

5-9720-16 27 Oct. 44. Technical Data for Hoisting Equipment.

5-9898-1 15 May 44. Preparation for Export of Engine, Gasoline, 13-hp, Continental Motors, Model Y91.

ENG 1 28 Dec. 43. Sanitary Fill Method of Disposing of Garbage and Refuse.

ENG 2 24 Dec. 43. Effect of Projectiles on Concrete Pillboxes.

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ENGINEERS—Continued

TB

ENG 3 1 Jan. 44. Assembly Instructions: Pipe, Culvert, Iron or Steel, Galvanized, Nestable.

ENG 4 12 Jan. 44. Armoring Engineer Tractors.

ENG 5 2 Feb. 44. Block Plot Control Adjustments. Multiplex in Map Revision. Typical Map Revision Problems.

ENG 6 7 Feb. 44. Bomb Tests on Building Prototype.

ENG 7 4 Feb. 44. Use of Explosives in Excavation of Gun Emplacements.

*ENG 8 5 Feb. 44.*[1] *Methods of Passing Underwater and Beach Obstacles.*

ENG 9 1 Mar. 44. Bulldozer, Tank Mounting for M4A1, M4A2, M4A3 Tanks.

ENG 10 7 Mar. 44. Report of Bomb Tests on Shelters.

ENG 11 6 Mar. 44. Anti-Friction Bearing, Care, Storage and Adjustment.

*ENG 12 15 Mar. 44.*[1] *Stock-Pile Railway and Highway Bridges.*

ENG 18 28 Mar. 44. Waterproofing of Engineer Equipment for Deep-Water Fording and Limited Operations.

ENG 14 10 Apr. 44. Processing and Packing for Export Pipe Culver, Iron or Steel Nestable (18 to 54-in. Dia. incl.)

ENG 15 1 Apr. 44. Military Traffic Signal and Reproduction Equipment. *C 1.*

ENG 16 21 Apr. 44. Light Aerial Tramway M2.

*ENG 17 25 April 44.*[1] *Reddy Fox Charge.*

ENG 18 1 May 44. Surveys, Methods of Plotting and Earthwork Computations For Airdromes.

ENG 19 3 May 44. Expedient Use of Standard Fixed-Bridge Equipment For Crossing Vehicles Exceeding Limits Given in AR 850–15.

ENG 20 9 May 44. Cutting and Assembling Wood Pipe in the Field.

ENG 21 1 May 44. Report of Bomb Tests On Protective Walls.

ENG 22 6 May 44. ARC Switch Maintenance For Searchlight, 60-inch, General Electric, Model 1940, 1941, 1941A, 1942, and 1942A.

ENG 23 17 May 44. Bulldozer, Tank Mounting, M4, M4A1, M4A2, M4A3, and M4A4 Tanks.

ENG 24 2 June 44. Compensation, Maintenance, and Repair of Pioneer 1830 Vehicular Compass.

ENG 25 3 June 44. Straightening Steel by Contraction.

ENG 26 3 June 44. Tubing, Radio Active, Luminous, Vinylite.

ENG 27 8 June 44. Repair of Pneumatic Floats.

ENG 28 20 June 44. Cap Crimper M2.

ENG 29 19 June 44. Repair of Strafing Damage to Floating Bridges.

ENG 30 30 June 44. Use of Flyer's Armor in Engineer Operations.

ENG 31 30 June 44. Stream Crossing in High-Velocity Currents.

ENG 32 3 July 44. Piles and Pile Driving.

ENG 33A 22 July 44. Disassembly and Loading of Standard Engineer Equipment for Transport in C-47 Cargo Plane.

ENG 34 5 Aug. 44. Hand-Placed Charges Against Beach and Under-water Obstacles.

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ENG 36 24 Aug. 44. Issue of Plain Mineral Oil for Two-Cycle Gasoline Engines.

ENG 37 2 Sept. 44. Flame-Resistant Emulsifiable Compound For Fabrics.

ENG 38 21 Sept. 44. Inspections and Preventive Maintenance Services for Domestic, Reach-In, and Walk-In Mess Hall Refrigerators.

ENG 39 16 Sept. 1944. Safe Handling of Compressed Gases.

ENG 40 13 Sept. 44. Fixed Alpine Path. *C 1.*

ENG 41 20 Sep. 44. Bulldozer, Tank Mounting, For M4A2 and M4A3 Tanks, 1944 Series.

ENG 42 26 Sept. 44. Expedient Snow and Ice Roads.

ENG 43 4 Oct. 44. Use of Drums for Culvert Construction.

ENG 44 15 Oct. 44. Outriggers for ¾ Cubic-Yard Quick-Way Crane Coleman and Brockway Truck-Mounted.

ENG 45 21 Oct. 44. Standard Steel Derricks For Erection of Railway Bridges.

ENG 46 24 Oct. 44. Rafting.

ENG 47 25 Oct. 44. Snake, Demolition, M2A1.

ENG 48 2 Nov. 44. Medium Cableway.

ENG 49 8 Nov. 44 Under-water Cutting & Welding.

ENG 50 11 Nov. 44. Face Paint for Individual Camouflage.

ENG 51 16 Nov. 44. Aids to Blackout Driving.

ENG 52 17 Nov. 44. Bridging and Rafts to support Heavy Tank T26E1.

ENG 53 17 Nov. 44. Detonating Cord Clip M1.

*ENG 54 Jan. 45. Blast-Driven Earth Rod Set No. 1.

*ENG 55 Jan. 45. Use of Land-Clearing Equipment.

21–25–1 2 Mar. 44. Elementary Map and Aerial Photograph Reading.

21–26–1 23 Feb. 44. Map Template M–2.

MEDICAL

MED 1 16 Dec. 43. Oxygen Therapy Apparatus, Closed Circuit: Boothy-Lovelace (Medical Department Item No. 93640).

MED 2 3 Jan. 44. Medical Procedures to be Followed at Reception Stations or Other Designated Facilities for Troops Returning from Foreign Duty.

MED 3 11 Jan. 44. W.D., M.D. Form No. 78a (Patient's Record of Syphilis Treatment).

MED 4 14 Jan. 44. Professional Medical Films.

MED 6 15 Jan. 44. Data from Field on Malaria Control.

MED 7 15 Jan. 44. Indicating Place of Admission on W.D., M.D. Forms 52.

MED 8 22 Jan. 44. Trichomonas Vaginalis Vaginitis.

MED 9 12 Feb. 44. Penicillin.

MED 10 14 Feb. 44. Coordination of Physical and Surgical Therapy of Orthopedic and Amputation Cases.

MED 11 22 Feb. 44. Influenza.

MED 12 22 Feb. 44. Lecture Outlines for Officers on Personnel Adjustment Problems.

MED 14 3 Mar. 44. The use of DDT as a mosquito larvicide.

MED 15 7 Mar. 44. Standard Terms for Diagnoses.

MED 16 6 Mar. 44. Penicillin Treatment of Resistant Gonorrhea.

MED 18 10 Mar. 44. Medical and Sanitary Data on Dutch New Guinea.

MED 19 11 Mar. 44. Facilities Provided for Tissue Pathology in U. S. Army.

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MEDICAL—Continued

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MED 20 15 Mar. 44. Medical and Sanitary Data on the Mariana Islands.

MED 21 15 Mar. 44. Lecture Outlines for Enlisted Men on Personal Adjustment Problems.

MED 22 21 Mar. 44. Reduction of Fractures During Fluoroscopic Exposure.

MED 23 23 Mar. 44. Food and Nutrition.

MED 24 27 Mar. 44. Medical and Sanitary Data on the Kurile Islands.

MED 25 28 Mar. 44. Classification of Foods, and Factors For Conversion of Unit Packages to Pounds For Use in Dietary Analysis of Rations.

MED 26 30 Mar. 44. Medical and Sanitary Data On The Aegean Islands.

MED 27 6 April 44. Medical and Sanitary Data On Germany.

MED 29 4 April 44. Medical and Sanitary Data on Norway.

MED 30 8 April 44. Medical and Sanitary Data on Formosa.

MED 31 11 April 44. Scrub Typhus Fever.

MED 33 21 April 44. Induction Station Neuropsychiatric Examination.

MED 35 27 April 44. Health Hazards from Industrial Solvents.

MED 36 27 April 44. Medical and Sanitary Data on Belgium.

MED 37 28 April 44. Instructions for Operating Kit, Water Testing, Poisons, Treatment Control. *C 1.*

MED 38 3 May 44. Medical and Sanitary Data on France.

MED 39 8 May 44. Medical and Sanitary Data on the Netherlands.

MED 40 11 May 44. Medical and Sanitary Data on Albania.

MED 41 11 May 44. Medical and Sanitary Data on The Palau Islands.

MED 42 13 May 44. Data from the Field on Malaria Control.

MED 43 18 May 44. Local Anesthetic Agent.

MED 44 25 May 44. Identification of Full Acrylic Dentures—Dental.

MED 45 20 May 44. Notes on Certain Infectious Diseases.

MED 46 28 May 44. Medical and Sanitary Data on Kamchatka.

MED 47 28 May 44. Control of Disease of Respiratory System and Other Diseases Transmitted by Discharge from Respiratory Tract.

MED 48 31 May 44. Management of Neurosyphilis. *C 1, 2.*

MED 49 31 May 44. Medical and Sanitary Data on Rumania.

MED 50 31 May 44. Medical and Sanitary Data on the Caroline Islands.

MED 52 16 June 44. Medical and Sanitary Data, Denmark.

MED 53 12 June 44. Emergency Feeding of Infants, Children, and Other Special Groups of Civil Populations.

*MED 54 17 June 44.*[1] *Medical and Sanitary Data on Sweden.*

*MED 55 19 June 44.*[1] *Medical and Sanitary Data on Switzerland.*

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*MED 56 22 June 44.*[1] *Medical and Sanitary Data on Portugal.*

MED 57 23 June 44. Medical and Sanitary Data on Guam.

MED 58 28 June 44. Medical and Sanitary Data on Bulgaria.

MED 59 29 June 44. Medical and Sanitary Data on Austria. *C 1.*

MED 60 29 June 44. Use of Para-Aminobenzoic Acid in Bacteriological Culture Media.

MED 61 30 June 44. Medical and Sanitary Data on Crete.

MED 62 1 July 44. Excessive X-Radiation Exposures During Roentgenography and Roentgenoscopy.

*MED 64 5 July 44.*[1] *Medical and Sanitary Data on Turkey.*

MED 65 3 July 44. Drug Suppressive Treatment of Malaria.

MED 67 19 July 44. Medical and Sanitary Data on Celebes.

MED 68 18 July 44. Medical and Sanitary Data on Philippine Islands.

MED 69 22 July 44. Notes on Certain Diseases of the Chest.

MED 72 10 July 44. Treatment of Clinical Malaria and Malarial Parasitemia.

MED 74 27 July 44. Electroencephalography: Operative Technique and Interpretation.

MED 75 14 Oct. 44. Medical and Sanitary Data on the Lesser Sunda and Southwestern Islands.

MED 76 28 July 44. Neurological Diagnostic Techniques.

MED 77 2 Aug. 44. Medical and Sanitary Data on Burma.

MED 78 4 Aug. 44. Taking of Blood Specimens.

MED 79 5 Aug. 44. Medical and Sanitary Data on Eritrea.

MED 80 3 Aug. 44. Reconditioning Program for Neuropsychiatric Patients. *C 1.*

MED 81 4 Aug. 44. Trench Foot. *C 1.*

MED 82 8 Aug. 44. Sand-Fly (Pappataci, Philebotomus) Fever.

MED 83 7 Aug. 44. Medical and Sanitary Data on the Izu, Bonin, Kazan, and Marcus Islands.

*MED 84 10 Aug. 44. Treatment Program for Psychiatric Patients in Station and General Hospitals.

MED 85 15 Aug. 44. Influenza Vaccine.

MED 86 18 Aug. 44. Medical and Sanitary Data on French Indo-China.

MED 87 23 Aug. 44. Data on Malaria Control.

MED 88 29 Aug. 44. Medical and Sanitary Data on Kharavsk Krai and Maritime Krai (Far Eastern Territory) U. S. S. R. (Excluding Kamchatka Oblast).

MED 89 2 Sept. 44. Pilonidal Cyst and Sinus.

MED 90 6 Sept. 44. Medical and Sanitary Data on Algeria.

MED 91 7 Sept. 44. Mounting Corrective Lenses in Welder's Goggles.

MED 92 15 Sept. 44. Preparation of Part IX, Communicable Diseases, of W.D., M.D. Form No. 86ab.

MED 93 16 Sept. 44. Medical and Sanitary Data on the Dodecanese Islands.

MED 94 21 Sept. 44. Neuropsychiatry For General Medical Officer.

MED 95 27 Sept. 44. Medical and Sanitary Data on British Malaya.

MED 96 21 Sept. 44. Treatment of Gonorrhea.

MED 97 29 Sept. 44. Rheumatic Fever.

MED 98 3 Oct. 44. Medical and Sanitary Data on Tunisia.

MED 99 1 Oct. 44. Life of Photoroentgen Films.

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## MEDICAL—Continued

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MED 100 4 Oct. 44. WAC Recruiting Station Neuropsychiatric Examination.

MED 101 4 Oct. 44. Use of Bal in Oil and Bal Ointment in Treatment of Systemic Poisoning Caused by Lewisite and Other Arsenical Blister Gases.

MED 102 10 Oct. 44. Medical and Sanitary Data on Java.

MED 103 10 Oct. 44. Group Psychotherapy.

MED 105 11 Oct. 44. Medical and Sanitary Data on the Andaman and Nicobar Islands.

MED 106 11 Oct. 44. Penicillin Treatment of Syphilis.

MED 107 23 Oct. 44. Medical and Sanitary Data on Czechoslovakia.

MED 108 24 Oct. 44. Medical and Sanitary Data on the Ryukyu Islands.

MED 109 28 Oct. 44. Medical and Sanitary Data on Ceylon.

MED 111 3 Nov. 44. Medical and Sanitary Data on the Marshall Islands. *C 1.*

MED 112 1 Nov. 44. Sulfadiazine Prophylaxis of Acute Respiratory Diseases.

MED 114 9 Nov. 44. Immunization.

MED 115 14 Nov. 44. Clinical Psychological Service in Army Hospitals.

MED 116 18 Nov. 44. Use of War Wound Moulages in Teaching Emergency Medical Care and First Aid.

MED 117 Nov. 44. Electrical Requirements for X-ray Apparatus in the Field or in Temporary Installations.

MED 118 Nov. 44. Medical and Sanitary Data on Hainan.

MED 119 Nov. 44. Bacillary Dysentery.

*MED 120 Dec. 44. Medical and Sanitary Data on Sumatra.

MED 121 Dec. 44. Impregnation of Clothing with Insect Repellent (Dimethyl Phthalate)

*MED 122 Dec. 44. Physical Therapy for Amputees.

MED 123 Dec. 44. Medical and Sanitary Data on Azores.

MED 124 Dec. 44. Plague.

*MED 125 Dec. 44. Medical and Sanitary Data on Corsica.

*MED 126 Dec. 44. Medical and Sanitary Data on Palestine and Trans-Jordan.

*MED 127 Jan. 45. Preventive Maintenance Services for X-Ray Field Unit Generator. (Item No. 9606000-Onan Models No. OTC-38 and OTC-38S.)

*MED 128 Dec. 44. Medical and Sanitary Data on the Levant States (Greater Syria).

*MED 129 Jan. 45. Medical and Sanitary Data on the Gold Coast.

*MED 130 Dec. 44. Medical and Sanitary Data on British Somaliland.

*MED 131 Jan. 45. Treatment of Respiratory Depression and Asphyxia.

*MED 132 Jan. 45. Medical and Sanitary Data on Italian Somaliland.

*MED 133 Jan. 45. Suspension-Traction Treatment of Fractures.

## ORDNANCE

9-172K-3 6 Mar. 44. Pump Motor (Westinghouse) for Light Tank, M3 and M5 Series, Hydraulic Traversing Mechanism (Oilgear)

*9-205-5 27 Nov. 44. Trainer, Machine Gun, Caliber .30, T9.

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TB

9-221-1 8 Mar. 44. Trainer, Machine gun, AA, M9; Lubrication of breaker transmission.

9-225-16 23 May 44. Linker-Delinker, Hand, Cal. .50, M12.

9-225-17 21 Sept. 44. Browning Machine Gun Cal. .50, M2, Aircraft; Blank Firing Attachment and New Components to Improve Functioning.

9-225-18 28 Sept. 44. Cook-Offs in Caliber .50 M2 Aircraft Browning Machine Guns.

9-225-19 13 Nov. 44. Gun, Machine, Browning, Caliber .50, M2, Aircraft Fixed and Flexible: Instructions for Inspection.

9-225-FE1 20 Nov. 44. Special Cover Latch, Cal. .50, M2, Aircraft Machine Gun.

9-235-7 27 May 44. 37-mm Antiaircraft Guns: Malfunction of Equilibrator Springs.

9-235-8 6 June 44. Mount, Combination Gun, M54 and Mount, Combination Gun, M54C.

9-235-9 26 Sept. 44. Mount, Combination Gun, M42, Adjustment of Machine Gun Foot Firing Mechanism (M3E1).

9-252-7 12 April 44. Gun, 40-mm, M1: Flash Hider Assembly.

9-252-8 31 Aug. 44. Gun, 40-mm, M1, 400 MPH Sights for Sighting System M3.

9-253-1 21 Feb. 44. 40-mm Antiaircraft Gun Mount M5.

9-285-2 25 May 44. Shotguns, 12-Gage, All Types: Trap and Skeet Loads.

9-294-3 4 Oct. 44. Precautions for Firing 2.36 Inch Rocket Launchers.

*9-294-4 27 Nov. 44. Reflecting Sight Assembly D7161556 for 2.36-Inch Rocket Launchers M9 and M9A1.

9-303-3 19 Oct. 44. Gun, 57-mm, M1, Carriage, Gun, 57-mm M1, M1A1, M1A2, M1A3 and M2; Lubrication Instructions.

9-303-FE1 9 Nov. 44. Carriage, Gun, 57-mm, M2; Modification of Sight Flap.

9-307-3 17 June 44. Stabilizer Circuit Tester, Operating Instructions.

9-307-4 27 July 44. Adjustment of Trigger of Cal. .30 Machine Gun, Mounted Coaxially in Combination Gun Mount M34A1 in Medium Tank M4 Series (75-mm).

9-308-1 13 May 44. Gun, Subcaliber, 37-mm, T34 (For 76-mm Guns M1A1 and M1A2 on Gun Motor Carriage M18).

9-319-3 6 July 44. Blackout Light-System for 75-mm Howitzer Carriage M8.

9-320-1 24 July 44. Carriage, Howitzer, Pack, 75-mm, M1; Changes in Requirements for Draft Equipment.

9-320-5 26 May 44. Howitzer, Pack, M1, M1A1; Carriage, Howitzer, (Pack), 75-mm, M1; and Carriage, Howitzer, 75-mm M3A2 and M3A3: Lubrication Instructions.

9-322-1 13 May 44. Gun, Subcaliber, 37-mm, T36 (For 3-Inch Gun M5 on Carriage M1A1 or M6).

9-322-3 22 Jan. 44. Carriage, Gun, 3-Inch, M1 and M6 Operation of Respirator on 105-mm Howitzer Carriage M2A2.

9-322-4 13 May 44. Gun, Subcaliber, 37-mm, T36 (For 3-Inch Gun M5 on Carriage M1A1 or M6).

*9-322-5 27 Nov. 44. Gun, 3-Inch, M5 and Carriage, Gun, 3-Inch, M1 and M6: Lubrication.

9-383-1 14 Feb. 44. Trailer, Ammunition M10: Substitution of Tires.

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9–335–4 10 Aug. 44. Howitzer, 8-Inch, M1; Carriage Howitzer, 8-Inch, M1; Limber, Carriage, Heavy, M2 and M5: Lubrication Instructions.

9–336–1 15 Mar. 44. Equivalent Service Rounds for 8-Inch Gun M1: Increase in Accuracy Life by Use of Reduced and Normal Charge.

9–350–4 19 Jan. 44. Carriage, Gun, 155-mm, and M1A1: Safety Precautions to be Observed when Placing Gun in Firing or Traveling Position.

9–350–5 7 Mar. 44. Firing Platform M1 (For 155-mm Gun Carriage M1).

9–350–6 10 Aug. 44. Gun, 155-mm, M1 and M1A1: Carriage, Gun, 155-mm, M1; and Limber, Carriage, Heavy, M2, and M5; Lubrication Instructions.

9–370–2 9 Aug. 43. Mount, Gun, Antiaircraft, 90-mm, M1 and M1A1: Replacement of Covers.

9–372–1 18 Aug. 44. Mount, Gun, Antiaircraft, 90-mm, M2: Lubrication of Elevating Worm and Worm Wheel.

*9–372–2 18 Dec. 44. 90-MM Gun and Mount M2: Care and Preservation of Fuze Setter-Rammer M20.

9–380–1 22 July 44. Gun, 4.7-Inch M1 and Mount, Gun, 4.7-Inch AA, M1: Fuze Setter M18.

9–390–1 23 Aug. 44. Projector, Target Rocket, M1: Inspections and Precautions Prior to Firing.

9–393–1 15 May 44. Launcher, Rocket, 4.5-Inch, M12.

9–424–1 30 Oct. 44. Recoil Oil (Light) for 6-Inch Gun M1900.

9–585–1 6 July 44. Range Finder M7.

*9–616–1 7 Dec. 44. Winterizing Kit M10 for Generating Unit M5.

9–705FE1 1 July 44. Car, Scout, M3A1; Installation of Shoe Protector Plate.

9–707–1 29 May 43. Carrier, Personnel Half-Track M5; Car, Half-track, M9A1; Carriage, Motor, multiple gun M14, Bending transmission gear shift lever.

9–710–23 10 Jan. 44. Half-Track Vehicles (White, Autocar, & Diamond T): Maintenance of Steering Arm and Steering Spindle, Studs and Nuts.

9–710–24 10 May 44. Half-Track Vehicles (White, Autocar and Diamond T); Replacement of Front Fender Stowage Straps.

9–710–25 16 May 44. Half-Track Vehicles (White, Autocar & Diamond T): Trouble Shooting Piston Lock and Seizure.

9–710–26 5 Sept. 44. Correct Torque Reading When Tightening Cylinder Head Cap Screws on Half-Track Vehicles, (White, Autocar, and Diamond T).

*9–710–27 18 Sept. 44. Half-Track Vehicles (White, Autocar, and Diamond T) List of Equipment.

9–710–28 22 Sept. 44. Half-track Vehicles (White, Autocar, and Diamond T): Installation of Replacement Engine Equipped with Radio Suppression.

9–710A–20 27 May 43. Car, Half-Track, M2: Location of Radio Mounting Holes.

9–710–FE1 10 June 44. Carriage, Motor, Multiple Gun, M16: Enlarging Tarpaulin.

9–721–1 12 Jan. 44.[1] Tank, Heavy, M6, M6A1 and M6A2: Exhaust System Maintenance.

9–724–3 12 April 44. Tank, Light, T9E1: Installation of Turret for Emergency Firing of 37-mm Gun.

9–724–4 25 April 44. Tank, Light, T9E1: Rerouting of Turret Interphone Wiring.

[1]Stock depleted, not to be reprinted.

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9–724–5 14 Aug. 44. Tank, Light T9E1; List of Equipment.

9–724–6 21 Sept. 44. Tank, Light, M22 (T9E1); New Type Bogie Spring Plunger Blocks and Hardened Steel Washers.

9–727–4 24 April 44. Tank, Light, M3A1, M3A3: Lubrication Instructions.

9–727–5 14 Aug. 44. Tank, Light, M3A1 and M3A3: List of Equipment.

9–729–1 5 Sept. 44. Tank, Light, M24; Change in Engine Ignition Timing Procedure.

9–729–FE–1 5 Oct. 44. Tank, Light, M24; Reinforcement of Front Torsion Bar Cushion Stop Brackets.

*9–729–2 23 Nov. 44. Tank, light, M24: Hydrostatic Lock.

9–731A–14 4 Mar. 44. Tank, Medium, M4A1: Towing Cable Locks.

9–731A–15 23 June 44. Tank, Medium, M4 and M4A1; Instrument Panel Engine Hour Meter.

9–731E–8 18 Feb. 44. Carriage, Motor, 105-mm Howitzer, M7: Lubrication Instructions.

9–731G–4 29 May 44. 3 Carriage, Motor, 3-In. Gun, M10A1; Interference Between The Rear Engine Compartment Door Bolts and The Engine Oil Gage Sending Unit.

9–731G–13 10 Feb. 44. Carriage, Motor, 3-Inch Gun, M10A1 Extension of Surge Tank Overflow Pipe.

9–731AA–1 25 Jan. 44. Medium Tank M4 (76-mm Gun and 105-mm Howitzer, 1944 Model): Operating Instructions.

9–732B–18 14 Aug. 44. Carriage, Motor, 75-mm. Howitzer, M8: List of Equipment.

9–732–28 10 Feb. 44. Tank, Light, M5A1: Emergency Ignition Switch.

9–732–29 27 Nov. 44. Tanks, Light, M5 and M5A1, List of Equipment.

9–734–1 15 Sept. 44. Tank, Medium, T23; List of Equipment.

9–738–FE1 3 July 44. Vehicle, Tank Recovery, M32 Series: To Provide Clearance for Winch Cable.

9–739–3 18 Aug. 44. Vehicle, Tank Recovery M31; List of Equipment.

9–743–4 6 Jan. 44. Car, Armored, Light, M8; Car, Armored, Utility, M20: New Type Cylinder Head Gasket JXD Hercules Engine.

9–743–5 23 May 44. Car, Armored, Light M8 (T22E2) (Ford); Car, Armored, Utility, M20: Replacement of Front Springs.

9–743–6 10 June 44. Car, Armored, Light, M8: Use of Telescope M54 with 37-mm Gun M6.

9–743–7 26 Sept. 44. Car, Armored, Light M8; and Car, Armored, Utility, M20; Periodic Inspection of Flywheel Bell Housing.

9–743–FE 1 23 June 44. Car, Armored, Light, M8; Car, Armored, Utility M20; Installation of Drain Troughs on Engine Compartment Cover.

9–750A–2 22 April 44. Carriage, Motor, 37-mm Gun, M6: Lubrication Instructions.

9–751–4 16 Sept. 44. Carriage, Motor, 155-mm Gun, M12 and Carrier, Cargo, M30 (T14): List of Equipment.

9–755–4 23 Dec. 43. Carriage, Motor, 76-mm Gun T70: Adjustment of Right Steering Brake Lever.

9–755–5 5 Jan. 44. Carriage, Motor, 76-mm Gun, T70: Correct Battery Connections.

9–755–6 6 Jan. 44. Carriage, Motor, 76-mm Gun, T70: Gun Traveling Lock.

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9–755–8 11 Jan. 44. Carriage, Motor, 76-mm Gun, T70: Correction of Floor Plate Latch.

9–755–9 11 Jan. 44. Carriage, Motor, 76-mm Gun, T70: Correct Differential Lubricants.

9–755–10 11 Jan. 44. Carriage, Motor, 76-mm Gun, T70: Loose Transmission and Differential Oil Cooler Fan.

9–755–12 23 June 44. Carriage, Motor 76-mm Gun, M18 (T70) (Continental R975-C1 and C4 Engines): Governor Adjustment.

9–755–13 2 Aug. 44. Carriage, Motor, 76-mm Gun, M18; Vehicle, Utility, Armored, T41: Stowage of Tools and Equipment on Vehicle.

9–759–10 29 Feb. 44. Medium Tank M4A3: Operating Instructions.

9–759–FE 1 26 Sept. 44. Tank, Medium, M4A3 (75-mm Gun, Wet): Improving accessibility of lubrication fitting on clutch housing.

9–760–FE 1 6 July 44. Trailer, Bomb, M5: Interference of Caster Wheels with Lunette Adjusting Handle.

9–760–FE 2 30 Sept. 44. Trailer, bomb, M5: Increasing lubricant capacity of transmission.

9–765–1 2 Jan. 43. Bomb Service Truck M6 (Chevrolet); Bomb lift Truck M1.

9–767–1 6 July 44. Truck, Trailer, 40-Ton Tank Transporter, M25: Replacement of Hot Rolled Steel Beadlock Stud with Chromium-Nickel Steel Stud.

9–767–FE 1 10 Aug. 44. Semitrailer, M15 (Component of 40-Ton Tank Transporter Truck Trailer M25): Removing Interference Between Sheave and Web of Removable Roller Assembly.

9–767–2 26 Oct. 44. Truck, Trailer, 40-Ton Tank Transporter M25; Correct Winch Brake Operation and Adjustment.

9–772–1 16 Feb. 44. Operating Instructions for Cargo Carrier M29C.

9–772–2 13 May 44. Carrier, Cargo, M29 (T24); Lubrication of Universal Joints.

9–772–FE 1 7 Sept. 44. Carrier, Cargo M29 and M29C; Increasing Lubricant Capacity of Transmission.

9–772–FE 2 27 Oct. 44. Carrier, Cargo, M29, Conversion of 15-inch type track Suspension to 20-inch Type Track Suspension.

*9–772–3 6 Nov. 44. Carrier, Cargo, M29: Change in Oil Specifications on the Vehicle Identification Plate.

9–774–1 18 Aug. 44. Tractor, Snow, M7; List of Equipment.

9–775–3 8 Mar. 44. Vehicle, Landing, Tracked, Unarmored, Mk II LVT (2) and Armored Mk II LVT (A) (2): Increased Gun Mount M35, Armament.

9–775–5 15 July 44. Vehicle, Landing, Tracked (Unarmored), Mk II LVT (2); Rubber Self-Sealing Fuel Tanks.

9–775–6 26 Sept. 44. Cold Weather Operation for Tracked Landing Vehicles.

9–775–7 2 Nov. 44. Vehicle, Landing, Tracked (Armored) MK I, LVT (A) (1); List of Equipment.

9–776–3 18 Aug. 44. Vehicle, landing, tracked, MK IV, LVT (4) List of Equipment.

*9–786–FE 1 2 Nov. 44. Tractor, High-Speed, 13-Ton, M5: Shearing of Cap Screws Connecting Fender Side Sheets to Final Drives.

9–788–1 7 Jan. 44. Operating Instructions for 38-Ton High-Speed Tractor M6.

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9–788–2 17 Aug. 44. Tractor, Highspeed, 38-Ton, M6 (Allis-Chalmers): Lunette for Towing Transport Wagon.

9–790A–1 13 July 44. 6-Ton Platform Trailer (Athey), Models ES-451 and BT-898-4, Modified.

9–796–1 12 Jan. 44. Truck, Wrecking, Heavy, M1 (Kenworth, Series 5): Improved Mounting of Crane Mounting Brackets on Chassis Crane.

9–801–4 24 June 43. Truck, 2½-Ton, 6 x 6 (GMC): Removal of Distributor Suppressor Filter and Wire Assembly.

9–801–8 5 Jan. 44. Truck, 2½-Ton, 6 x 6 (GMC): Electric Brake Control.

9–801–9 25 April 44. Truck, 2½-Ton, 6 x 6 (GMC): Electric Brake Controls.

9–801–FE 1 20 Oct. 44. Truck, 2½-Ton, 6 x 6, (GMC CCKW-352); Relocation of Brake Hydrovac Air Cleaner.

9–802–2 5 Aug. 43. Truck, Amphibian, 2½-Ton, 6 x 6; Stern Compartment Floor Board Reinforcement.

9–802–3 6 Aug. 43. Truck, Amphibian, 2½-Ton, 6 x 6 Inspection of Winch Shear Pin Hole.

9–802–5 14 Feb. 44. Truck, Amphibian, 2½-Ton, 6 x 6 (GMC Model Dukw-353): Axle Propeller Shaft Water Baffles.

9–802–8 30 Sept. 44. Truck, 2½-Ton 6 x 6 Amphibian (GMC DUKW-353): Correcting Corrosion and Waterproofing Procedure.

9–802–9 4 Oct. 44. Truck, 2½-Ton, 6 x 6 Amphibian (GMC DUKW-353); Hull Drainage and Ventilation; Bilge Pump Valve Manifold Cold Weather Precautions.

*9–802–10 27 Oct. 44. Truck, Amphibian, 2½-Ton, 6 x 6 (GMC DUKW-353): Additional Maintenance Instructions.

*9–802–FE 1 27 Oct. 44. Truck, Amphibian, 2½-Ton (GMC DUKW-353): Emergency Field Maintenance.

9–803–3 15 July 43. Truck, ¼-Ton, 4 x 4 (Ford GPW); Alinement of Carburetor Air Cleaner Tube with Air Cleaner Outlet.

9–803–5 18 Sept. 44. Truck, ¼-Ton 4 x 4 (Willys and Ford) Installing heavier front and rear Springs and longer spring clips.

9–803–FE 1 17 Aug. 44. Truck, ½-Ton, 4 x 4 (Willys and Ford); Positive Crankcase Ventilation.

9–803–FE 2 19 Oct. 44. Truck, ¼-Ton, 4 x 4 Willys MB, Ford GPW: Installation of Adjustable Tension-Type Windshield Wiper.

*9–803–FE 3 9 Oct. 44. Truck, ¼-Ton, 4 x 4: Improvised muffler.

*9–803–FE 4 6 Nov. 44. Truck, ¼-Ton, 4 x 4 (Ford, Willys): Differential Oil Seal Guard.

*9–803–6 23 Nov. 44. Truck, ¼-Ton, 4 x 4 (Willys and Ford): Inspection of Timing Chains and Sprockets.

9–807–3 8 Feb. 44. Truck, 2½-Ton, 6 x 6, (Studebaker): Winterization Kit WKT-107.

9–807–4 28 June 44. Operating Instructions for 2½-Ton, 6 x 6 and 2½- to 5-Ton, 6 x 4 Reo Truck.

9–808–4 1 May 44. Truck, ¾-Ton, 4 x 4, Command Reconnaissance and Carry-All (Dodge Model T214 Having 12-Volt Electrical System); Removal of Generator Regulator Field Terminal Filter.

9–808–5 15 July 44. Location & Installation of Ordnance Maintenance Sets A or B in ¾-Ton, 4 x 4, Truck, Weapons Carrier.

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9–810–1 29 Jan. 44. Truck, 1½-Ton, 6 x 6, (Dodge): Unauthorized Use of "217" (cu. in.) Engine.

9–812–2 27 June 44. Truck, 5-Ton, 4 x 2, Tractor (International Harvester Models H-542-9 and H-542-11): Correct Wiring of Trailer Light Socket.

9–813–1 16 May 44. Truck, 6-Ton, 6 x 6 (White, Corbitt, and Brockway); Trouble Shooting Piston Lock and Seizure.

9–813–2 20 May 44. Truck, 6-Ton, 6 x 6 (Brockway Model B666, White Model 666LWB and Corbitt Model 50SD-6); Defective Water Pump Grease Cups.

9–813–FE–1 16 Sept. 44. Truck, 6-Ton, 6 x 6 (Brockway) (w/Quickway Crane w/Winch); Elimination of Airline Fractures on Storage Tanks.

9–814–2 28 Aug. 43. Truck, 7½-Ton, 6 x 6 Prime Mover (Mack) Operating Instructions.

*9–818–2 20 Oct. 44. Truck, 10-Ton, 6 x 4 (Mack Model NR): Items to be Disassembled Periodically for Lubrication by Ordnance Personnel.

*9–821–1 13 Dec. 44. Truck, 2½-Ton, 4 x 2 (Federal Models 2G, Dump and 3G, Telephone Maintenance): List of Equipment.

9–821–FE 1 3 July 44. Truck, 2½-Ton, 4 x 2 (Federal Model 2G): Front Fender and Running Board Failures.

9–850–4 30 Oct. 42. Use of Solvent, Dry-Cleaning.

9–850–10 12 May 43. Lubricants and Motor Fuels: Addition of Gum Solvents Forbidden.

9–850–13 13 Mar. 44. Waterproofing Canvas and Duck Used for Tarpaulins, Tops, Curtains, Covers, etc., for Military Vehicles and Artillery Material.

9–850–14 6 July 44. Recoil Oil (Special) Replacement For Recoil Oil (Heavy).

*9–850–15 10 July 44. Use of Dry-Cleaning Solvent.

*9–850–16 30 Nov. 44. Use of Additives in Motor Fuels Engine Oils, and Gear Lubricants.

*9–876–1 20 Nov. 44. Scooter, Motor, 2-Wheel, Airborne (Crushman Model 53): Correct Tire Pressure.

9–879–2 10 June 44. Motorcycle, Solo, (Harley-Davidson Model WLA); Installation of Front Wheel Hub Cone, Grease Seal, and Dowels in Rear Wheel Sprockets.

9–883–1 3 Feb. 44. Trailer, 1-Ton Payload, 2-Wheel Cargo and 250-Gal. Water Tank: Correct Traveling Position of Retractable Landing Wheel.

9–891–1 8 Feb. 44. 6-Ton Payload, 10-Ton Gross, 2-Wheel, 2,000 Gallon Fuel Tank Semitrailer.

9–893–2 19 Sept. 44. Carrier, Cargo, M28 (T15); List of Equipment.

9–1225–21 20 June 44. Side Plate Clearance on Cal. .50 Browning Machine Gun.

9–1225–22 21 June 44. Trigger Bar and Adjustable Trigger Bar Stop For Cal. .50 M2 Machine Guns (All Types).

9–1225–23 25 Aug. 44. Machine Guns, Caliber .50. M2 (All Types) Retracting Slide Lever Springs.

9–1227–FE–1 14 Sept. 44. Feed Mechanism, 20-mm M1; Corrections to be Applied.

9–1235–5 28 Sept. 44. Mounts, Combination Gun, M54, Reducing Stoppages of Cal. .50 Machine Gun.

9–1240–FE 1 10 July 44. Gun, Automatic, 37-mm, M4: Trunnion Block Bushing.

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9–1245–4 17 Dec. 43. Gun, AT, 37-mm, M3 and M3A1: Erosion of Gun Tube.

9–1250–1 1 Jan. 42. Guns, Tank, 37-mm, M5 and M6; Non-interchangeability of Tubes.

9–1250–2 16 Nov. 42. Gun, Tank, 37-mm, M6: Removal of Extractor Plungers.

9–1252–1 14 Feb. 44. Gun 40-mm, M1: Differences in Tube Assembly Components Made by U. S. and British.

*9–1252–FE 1 30 Nov. 44. Gun, Automatic, 40-mm, M1 (A.A.): Modification of Cover, Gun Breech, Rear, D5003.

9–1252–2 24 July 42. Carriage, 40-mm Gun, M2 (AA): replacement of Fafnir Bearing with SKF Bearing.

9–1253–1 15 Dec. 42. Carriage, Gun, 40-mm, M1 and M2, AA: Assembling Ball Bearing A22-4119.

9–1253–FE 1 11 Nov. 44. Carriage, Gun, 40-mm, M1, M2 and M2A1; Leveling Jack Caps.

9–1260–1 14 Feb. 44. Mount, Mortar, 60-mm, M2: Elimination of Lost Motion in Traversing Mechanism.

*9–1260–FE 1 4 Dec. 44. Mortar, 81-mm M1: Reclamation of Firing Pin.

9–1305–1 20 June 44. Gun, 75-mm, M1897 and Modifications; Carriage, Gun, 75-mm, M1897A4, M2A1, M2A2, M2A3; Lubrication Instructions.

9–1308–1 4 July 44. Gun, 76-mm, M1A1, M1A2, M1A3; Mount, Gun, 76-mm, M1; Mount, Combination Gun, M62: Lubrication Instructions.

9–1312–1 14 July 44. Mount, Gun, Airplane, 75-mm, M9 (T13E2): Replenisher Guard Support.

9–1312–2 2 Aug. 44. Mount, Gun, Airplane, 75-mm, M9: Counterrecoil Springs.

9–1322–1 23 Oct. 44. Gun 3-inch, M5; Carriage, Gun, 3-inch M1 and M6; Lubrication Instructions.

9–1325–FE–1 6 Nov. 44. Carriage, Howitzer, 105-mm, M2, M2A1, and M2A2; Reinforcement of Weakened Trail Spades.

9–1331–2 29 June 44. 155-mm Howitzer M1; 4.5-Inch Gun M1 and Carriages M1 and M1A1: Staking Screws BCLX1.1EN.

9–1331–3 2 Sept. 44. Carriage, Howitzer, 155-mm, M1 and M1A1; Repair of slide fastener on over-all cover M99.

9–1331–4 22 Sept. 44. Carriage, Howitzer, 155-mm, M1, M1A1; Carriage, Gun, 4.5-in. M1 and M1A1; replacement of Broken Wheel Spindles.

9–1331–5 19 Oct. 44. Carriage, Howitzer, 155-mm, M1 and M1A1 Carriage, Gun, 4.5 inch, M1 and M1A1; Replacement of Seal Between the Top and Bottom Carriage.

*9–1331–6 7 Dec. 44. Carriage, Howitzer, 155-mm, M1 and M1A1; Carriage, Gun, 4.5-Inch, M1 and M1A1: Correcting Breakage of Screws BCOX1.1AC on Elevating Mechanism Housing Covers.

9–1331–FE 1 30 Sept. 44. Gun, 4.5-in., M1 and Howitzer, 155-mm M1; Failure of Safety Latch Plunger.

9–1331–FE 2 6 Nov. 44. Elimination of Galling of Bushings A 187204 and A 186272 used on the Firing Jack.

9–1345–2 28 June 44. Gun, 155-mm, M1917, M1917A1 and M1918M1; Carriage, Gun, 155-mm, M2 and M3; Lubrication Instructions.

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9–1350–3 19 Jan. 44. Carriage, Gun, 155-mm, M1 and M1-A1, and Carriage, Howitzer, 8-In., M1: Safety precautions to be Observed when Making Manometer Tests.

9–1350–4 29 July 44. Gun, 155-mm, M1 and M1A1; Carriage, Gun, 155-mm, M1; Howitzer, 8-Inch, M1; Carriage, Howitzer, 8-Inch, M1; and Limber, Carriage, Heavy, M2 and M5: Ordnance Maintenance Lubrication Instructions.

9–1350–5 29 July 44. Gun, 155-mm, M1 and M1A1; Carriage, Gun, 155-mm, M1; Howitzer, 8-Inch, M1; Carriage, Howitzer, 8-Inch, M1; and Limber, Carriage, Heavy, M2 and M5: Noninterchangeability of Lunettes.

9–1350–6 14 Sept. 44. Carriage, Gun, 155-mm, M1 and M1A1; Carriage, Howitzer, 8-In, M1; Replacement of Equilibrator Packings.

9–1350–7 16 Sept. 44. Limber, Carriage, Heavy, M5; Oil Grooves for additional Lubrication of Flanged Bushings, A7104562.

*9–1350–FE 1 1 Jan. 45. Heavy Carriage Limber M5; Modification of Trail Clamping Bracket.

9–1360–1 17 Mar. 44. Gun, Antiaircraft, 3-Inch, M3; Mount, Gun, Antiaircraft, 3-Inch, M2A2 (Mobile): Lubrication Instructions.

*9–1372B–FE 2 16 Dec. 44. Combination Fuze Setter-Rammer M20: Prevention of Rust in Transmission Assembly.

9–1372B–FE–1 27 July 44. Combination Fuze Setter-Rammer M20.

9–1421–1 29 June 44. Gun, 3-Inch (15 PDR), M1902M1, M1903; Carriage Barbette, 3-Inch (15 PDR), M1902, M1903; Lubrication Instructions.

9–1426–1 16 Mar. 44. Gun, 6-In., M1903; Carriage, Disappearing, 6-In., M1903 Lubrication Instructions.

9–1442–1 16 Mar. 44. Gun, 8-In., M1888, M1888MI, and M1888MII: Carriage Barbette, 8-In., M1918 on Car, Railway, M1918 MI; and Gun 8-In., Mk VI, M3A2; Carriage Barbette, 8-In., M1: Lubrication Instructions.

9–1451–1 27 July 44. Gun, 12-Inch, M1895, M1895A1, M1895A2, M1895A3, M1895A4, M1895M1, M1895-M1A1, M1895M1A2, M1895M1A3, M1895M1A4: Carriage, Barbette, 12-Inch, M1917; Power Unit for 12-Inch Gun Emplacement, Lubrication Instructions.

9–1463–1 16 Mar. 44. Gun, 8-In., Mk, VI, M3A2; Mount, Railway, Gun, 8-In., M1A1: Lubrication Instructions.

9–1530–1 17 Sept. 43. Circle, Aiming, M1: Provision of Canvas Cover M409.

9–1545–1 11 Mar. 44. Mount, Telescope, M25: Adjustment for Alining Pivot Pin with Center Line of Gun Bore.

9–1618–1 28 June 44. Generating Unit M7A1 and M15A1: Voltage Regulator M1.

9–1618–2 24 Aug. 44. Unit, Generating, M7: Malfunction of Governor Throttle Valves.

9–1659–3 11 Sept. 44. Directors M5, M5A1, and M6; Correction in rundown time for the 40-mm gun.

9–1671A–2 20 Nov. 44. Cable System M7 (Used to Interconnect Units of M9 and M10 Type Directors); Excessive Heating of Plugs and Receptacles.

9–1709–2 2 Aug. 44. Car, Scout, M3A1, Elimination of Interference between radio mast and universal joints.

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9–1710–3 4 Nov. 42. Half-Track Vehicles; Gear Adjustment on Power Take-Off For Front Winch.

9–1710C–3 14 April 43. Car, Half-Track, M2; Carriage, Motor, 75-mm Gun, M3 Carriage, Motor, 75-mm Howitzer, T30, Carriage Motor, 105-mm Howitzer, T–19, Carrier, 81-mm Mortar, Half-Track, M4 Carrier, Personnel, Half-Track, M3; Bogie Volute Springs.

9–1711–1 27 June 42. Half-Track Vehicles; Clutch Maintenance and adjustment.

9–1711–5 13 Mar. 44. Engine, 160AX, White (White, Diamond T and Autocar Half-Track Vehicles): Engine Oil Pressure.

9–1711–6 17 Mar. 44. Half-Track Vehicles (White, Autocar and Diamond T): Reboring Cylinders.

9–1725–22 7 April 44. Ordnance Engine Model R975-C4: Correct Magneto Timing.

9–1727B–1 25 May 44. Tank, Light, M5 and M5A1; Carriage, Motor, 75-mm Howitzer, M8; Setting of Starter Solenoid Relay Points.

9–1727C–1 8 Jan. 44. Tank, Light, M5 and M5A1 and Carriage Motor, 75-mm Howitzer, M8; Hole in Torus Hubs.

9–1727C–3 13 Feb. 43. Tank, Light, M5, M5A1, and Carriage, Motor, 75-mm Howitzer, M8; Rear Unit Gears in Hydra-Matic Transmission.

9–1727C–4 17 May 44. Tanks, Light, M5, M5A1, Carriage Motor, 75-mm, Howitzer, M8; Transmission Manual Control Shaft Gasket.

9–1727D–4 3 July 43. Tanks, Light, M5 and M5A1; Carriage Motor, 75-mm Howitzer, M8; Transfer Unit Reverse Servo.

9–1727D–5 21 July 43. Tanks, Light, M5, M5A1; Carriage Motor, 75-mm Howitzer, M8; Removing Transfer Unit Bands-Unit in Vehicles.

9–1727E–1 6 Jan. 44. Tank, Light, M5 and M5A1; Car, Motor, 75-mm Howitzer, M8: Differential Ring Gear and Pinion Backlash.

9–1727K–1 30 Aug. 43. Tank, Light, M3A1, and M3A3; Ordnance Maintenance, Oilgear Hydraulic Traversing Mechanism.

9–1727K–3 6 Mar. 44. Pump Motor (Westinghouse) for Light Tank, M3 and M5 Series, Hydraulic Traversing Mechanism (Oilgear).

9–1731B–2 6 Jan. 44. Tank, Medium, M4A3: Carriage, Motor, 3-Inch Gun, M10A1: Connecting Rod Bearing Fits and Tolerances (Ford GAA Engine).

9–1731B–3 13 Mar. 44. Tank, Medium, M4A3; Carriage, Motor 3-In. Gun, M10A1: New Engine Oil Pan (Ford GAA Engine).

9–1731G–3 3 Mar. 44. Pump Motor (Westinghouse) for Medium Tank T23, T25, T26 and Medium Tank M4 Series, Hydraulic Traversing Mechanism (Oilgear).

9–1732A–3 13 Aug. 43. Tanks, Light, M5, M5A1, Carriage, Motor, 75-mm Howitzer, M8; Flywheel-to-Crankshaft Gasket.

*9–1743–1 1 Nov. 44. Car Armored, Light, M8, and Car Armored, Utility, M20, Adjustment and Maintenance of Steering Gears.

9–1750G–5 14 Sept. 43. Tanks, Medium, M3A3, M3A5, M4A2: Carriage, Motor, 3-In. Gun, M10 Vehicles, Tank Recovery, T2 (Diesel): Proper Backlash Between Oil Pump Driven Gear and Idler Gear GM Model 6046, Twin Diesel Engines.

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9–1750G–6 20 Sept. 44. Tanks, Medium, M3A3, M3A5, M4A2; Carriage, Motor, 3-Inch Gun, M10; Vehicle, Tank Recovery, T2 (M31) Types of Injectors Used in Model 6046 Twin 6-Cylinder, G.M. Diesel Engine.

9–1750K–2 27 July 44. Tank, Medium, M4 and Modifications: Horizontal Volute Suspension.

9–1751–20 6 Oct. 44. Engine, Continental, R–975–C1, Interference of Rocker Box Covers.

9–1751–21 26 Oct. 44. 9-Cylinder, Radial, Gasoline Engine (Continental R975-CI): Table of Limits.

9–1760–3 24 Mar. 43. Trailer, Bomb, M5; Installation of new type of yoke assembly.

9–1765B–1 16 Nov. 44. Truck, 1½-Ton, 4x4 (Chevrolet); Change in Electrical System.

9–1767A–FE 1 2 Sept. 44. Truck Tractor, M26; Improved Carburetion.

9–1785B–1 23 Dec. 43. Tractor, High Speed, 18-Ton, M4 (Allis-Chalmers): Plugging Heater Fuel Outlets.

9–1785B–2 29 July 44. Tractor, High Speed, 18-Ton, M4 (Allis-Chalmers): Replacement of Welded Type Trailing Idler Wheel with Case Steel Trailing Idler Wheel.

9–1801–1 24 June 44. Truck, 2½-Ton, 6 x 6, Cab-Over-Engine (GMC AFKWX-353).

9–1801–2 9 Oct. 44. Location and Installation of Ordnance Maintenance Set "L" in 2¼-Ton, 6x6 Truck, 144-inch wood or steel cargo body (GMC).

9–1801–3 26 Oct. 44. Location and Installation of Ordnance Maintenance Set "K" in 2¼-Ton. 6x6 Truck, 144-Inch Wood or Steel Cargo Body (GMC MODEL CCKW–353).

9–1801–4 6 Nov. 44. Location and Installation of Ordnance Maintenance Set "H" in 2½-Ton, 6x6 Truck 144-Inch Wood or Steel Cargo Body (GMC).

9–1801–5 9 Nov. 44. Location and Installation of Ordnance Maintenance Set "G" in 2½-Ton, 6x6 Truck, 144-Inch Wood or Steel Cargo Body (GMC).

9–1802B–2 16 July 43. Truck, 2½-Ton, 6 x 6, Amphibian Water Propeller Transfer Case Countershaft Gear.

9–1803A–1 20 June 44. Truck, ¼-Ton, 4 x 4 (Willys-Overland Model MB and Ford Model GPW): Correct Installation of Connecting Rod and Piston Assemblies.

9–1807–1 27 June 44. Ordnance Maintenance Instructions for 2½-Ton, 6 x 6 and 2½- to 5-Ton, 6 x 4 Reo Truck.

9–1814B–2 6 Jan. 44. Truck, 7½-Ton, 6 x 6 Prime Mover (Mack): Improved Transfer Case and Front Drive Shifter Shaft Ball Spring.

9–1823–FE 1 30 Oct. 44. Truck, 5-Ton, 4x2, (IHC Model KR–11); Oil Leak from Rear Axle into the right rear hub.

9–1832A–1 5 Sept. 44. Hercules Engine Model JXD; Oil Leak at Water Jacket Inlet Elbow.

9–1832A–FE–1 5 Sep. 44. Hercules Engines Models RXC and RXB; Failure of Engine Oil Pump Main Discharge Pipe Assembly.

9–1868–1 26 Feb. 44. Instructions Governing Classification Marking and Disposition of unserviceable Tires and Inspection of Reconditioned Tires.

9–1868–2 25 April 44. Instructions Governing Inspection, Classification and Disposition of Unserviceable Tire Flaps.

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TB

9–1900–13 22 April 43. Inspection of Submarine Mine Explosives.

9–1900–19 5 Aug. 44. Ammunition, General: Storage of Dummy or Inert Ammunition.

9–1901–4 4 Sep. 44. Precautions to be Observed in Firing The M48, M51, M54, M55, and M57 Series Fuzes in the Rain.

9–1901–5 17 Oct. 44. Fuze, P.D., M51A4, with Booster Designed to reduce Duds.

*9–1901–7 28 Dec. 44. Fuze, CP, M78, and Booster M25.

*9–1905–1 7 Dec. 44. Repair of W.P. loaded Ammunition.

9–1940–6 25 Mar. 44. Charge, Demolition, Shaped, 40-lb., T3.

9–1940–7 20 Apr. 44. Fuze, Mine, Antipersonnel, M2A1 and M3A1.

9–1940–8 17 Aug. 44. Safety Precautions to be Observed in Testing Fuzes, Mine, Anti-Personnel, M2 and M3.

9–1940–9 11 Sept. 44. Charge, Shaped, 10-lb. M1, M2, M2A1, and Charge, Shaped, 15-lb, M2A3.

9–1975–2 23 Dec. 42. Mine, Aircraft, MK.13 (Navy).

9–1975–3 25 Feb. 44. Mine, Aircraft, 1,000-lb. AN-MK. 26-MOD. 1.

9–1980–4 13 Aug. 42. Bombs for Aircraft, Bomb, Depth, 325-lb. AN-MK, 17; Fuze, Bomb, Hydrostatic, AN-MK. 24; and Fuze, Bomb, AN-MK. 19 (Nose).

9–1980–5 29 Aug. 42. Bomb, Armor-Piercing, 1600-lb., AN-MK. 1.

9–1980–7 13 Oct. 42. Fuzes, Bomb; Partial Arming for Low-Altitude Water-Impact Bombing.

9–1980–8 14 Feb. 44. Bombs for Aircraft; Wire, Arming, Assembly.

9–1980–9 23 Dec. 42. Bombs for Aircraft. Fuze, Bomb, M112 (Tail); Fuze Bomb, M113 (Tail); Fuze Bomb, M114 (Tail).

9–1980–10 28 Jan. 42. Bombs for Aircraft; Fuze, Bomb, M118 (Nose) (4 to 5 Seconds Delay); Fuze, Bomb, M119 (Nose) (8 to 11 Seconds Delay).

9–1980–11 4 Feb. 43. Destructor M4.

9–1980–13 14 Sept. 43. Cluster, Fragmentation Bomb, AN-M4 (3 Bombs, Fragmentation Parachute, AN-M40).

9–1980–14 17 Sept. 43. Bombs for Aircraft, Chemical Bombs M47A1, M47A2, and M70.

9–1980–17 4 Jan. 44. Bomb, Fragmentation, 260-lb., M81 (T10).

9–1980–18 1 Feb. 44. Clusters, AN-M1A1, M2A1 and AN-M4; Arming Wire Assemblies.

9–1980–19 2 Feb. 44. Adapter, Cluster M12 (For Two 100-lb. Size Bombs or Clusters).

9–1980–20 15 Feb. 44. Extension, Fuze, M1, ( ) inch.

9–1980–21 22 Mar. 44. Fuze, Bomb, Mechanical Time, M127 (Nose).

9–1980–22 5 May 44. Fuze, Bomb, M132, M133, and M134 (Tail).

9–1980–23 8 May 44. Cluster Fragmentation Bomb T8.

9–1980–24 6 June 44. Cluster, Bomb, 100-lb., T10.

9–1980–25 15 June 44. Cluster, Fragmentation Bomb, 500-lb., T11.

9–1980–26 20 July 44. Bomb, Chemical, 500-lb., M78 Bomb, Chemical, 1000-lb., AN-M79.

9–1980–27 29 June 44. Fuze, Bomb, AN-M120 (Nose); Fuze, Bomb, AN-M120A1 (Nose).

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9–1980–28 10 July 44. Cluster, Fragmentation Bomb, 100-lb., M28 (T10).

9–1980–29 15 July 44. Change in Design of 20-lb. and 23-lb. Bombs (Fragmentation and Practice); to Permit Shipment Unfuzed.

9–1980–30 22 July 44. Fuze, Bomb, M139 (Nose); Fuze, Bomb, M140 (Nose).

9–1980–31 14 Aug. 44. Fuze, Bomb, Nose, Mechanical Time, T56E1.

9–1980–32 31 Aug. 44. Fuze, Bomb, Mechanical Time, T55 and T55E1 (Nose).

9–1980–33 22 Sept. 44. Adapter-Booster M117.

*9–1980–34 2 Dec. 44. Fuze, Bomb, M149 (Nose).

9–1985–2 26 Jan. 44. Rifle Projection of 60-mm Mortar Shell.

*9–1985–3 17 Oct. 44. Grenade, Rifle, Smoke, Colored, Streamer, T12.

9–1985–FE1 12 Oct. 44. Grenade, Rifle, Practice, M11A2; Method of Increasing Serviceability.

9–1990–8 30 Nov. 43. Small Arms Ammunition; Caliber .30 and .50.

9–2682–1 1 Jan. 42. Board, Spotting, M3.

9–2810–1 29 Feb. 44. Revision of Preventive Maintenance Instructions.

9–2810–2 17 April 44. Revised Preventive Maintenance Instructions.

9–2810–3 26 July 44. Preventive Maintenance Services for Materials Handling Equipment.

9–2830–11 12 Jan. 44. Reclamation of AC High Tension Wires for Use as Ordnance Ignition Cable.

9–2830–12 20 Jan. 41. Reclamation of Temperature Gage.

9–2830–13 1 Jan. 44. Reclamation of Brake Camshaft for Air Brakes.

9–2830–14 25 Jan. 44. Reclamation of Dodge ½-Ton Truck Front Axle Bendix-Weiss Universal Drive.

9–2830–15 13 Jan. 44. Reclamation of Distributor Points.

9–2830–16 12 Jan. 44. Reclamation of Tank Track Wedge Bolt with Damaged Thread or Swelled End.

9–2830–17 12 Jan. 44. Conversion of Chevrolet Universal Joint Cross 3660990 for Use as Dodge Universal Cross 575946.

9–2830–18 12 Jan. 44. Reclamation of 1938-1942 Chevrolet Starting Motor; Brush Holder Frame 818248.

9–2830–19 12 Jan. 44. Reclamation of Oil and Grease Seals.

9–2830–20 12 Jan. 44. Reclamation of R-975 Radial Engine Exhaust Elbows with Stripped Stud Hole.

9–2830–21 12 Jan. 44. Conversion of GMC-216, 1938 and AF-KX, 1940, Four Speed Truck Transmission for Use as 1941 and 1942 Chevrolet 1½-Ton Truck Transmission.

9–2830–22 12 Jan. 44. Reclamation of Unserviceable Battery Cables.

9–2830–23 25 Jan. 44. Reclamation of Oil Pump Gear.

9–2830–24 25 Jan. 44. Reclamation of Light Tank Idler Wheel, D34910.

9–2830–25 25 Jan. 44. Reclamation of Water Pumps Having a Defective Water Seal Washer Seat.

9–2830–26 25 Jan. 44. Reclamation of Chevrolet and GMC Hub Adjusting Nut and Oil Seal Assemblies 360091.

9–2830–27 25 Jan. 44. Reclamation of Broken M3 and M4 Medium Tank Traversing Sliding Gear Shift Shafts.

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9–2830–28 25 Jan. 44. Reclamation of Unserviceable Fan Belts.

9–2830–29 25 Jan. 44. Cleaning and Reclamation of Unserviceable Ball and Roller Bearings.

9–2830–30 14 Jan. 44. Reclamation of Engine Cylinder Block, Flywheel Housing and Cylinder Head by "Cold Weld" Process.

9–2830–31 25 Jan. 44. Reclamation of Bent Dodge Crankshaft Pulley.

9–2830–32 25 Jan. 44. Conversion of 1934 through 1939 Dodge 1½-Ton Transmission to 1941 and 1942 (Models T202, T207, T211, and T215) Dodge ½-Ton Transmissions.

9–2830–33 25 Jan. 44. Reclamation of Flywheel Ring Gears.

9–2830–34 25 Jan. 44. Reclamation of Medium Tank Turret Lock Bolts.

9–2830–35 25 Jan. 44. Reclamation of D. C. Ammeters.

9–2830–37 25 Jan. 44. Reclamation of Glove Compartment Doors on GMC and Chevrolet Vehicles.

9–2830–38 8 Feb. 44. Reclamation of Automotive Fuel Tank Float Units.

9–2830–39 8 Feb. 44. Reclamation of Worn and Unmatched Ring Gears and Pinions for GMC 2½-Ton, Ford 1½-Ton and Dodge 1½-Ton Trucks.

9–2830–40 8 Feb. 44. Reclamation of Ford, Model GPW, and Willys, Model MB, ¼-Ton Truck, Right and Left Hand Steering Knuckles.

9–2830–41 8 Feb. 44. Reclamation of Sealed-Type Prepacked Water Pump Shaft Bearings.

9–2830–42 8 Feb. 44. Reclamation of Main Bearing Saddles and Caps for Inline Engines.

9–2830–43 8 Feb. 44. Reclamation of Governor Speed Control Lever G–5156 (Continental Radial Engine W–670–9A).

9–2830–44 8 Feb. 44. Reclamation of Loose Bearing Race Seats, Recesses, Press Fit Shafts and Similar Items.

9–2830–45 8 Feb. 44. Reclamation of Bent, Centerless Steering Gears and Shafts for Chevrolet, Dodge, Ford—(GPW), GMC, and Willys (MB) Trucks.

9–2830–46 8 Feb. 44. Reclamation of Thermoelectric Type D. C. Voltmeters.

9–2830–47 8 Feb. 44. Expediting Deflation of Pneumatic Inner Tubes for Reclamation Inspection.

9–2830–48 19 Feb. 44. Reclamation of Half-Track (White, Autocar and Diamond T) Bogie Hubs.

9–2830–49 19 Feb. 44. Reclamation of High Pressure Grease Hose with Faulty Connections.

9–2830–50 28 Feb. 44. Reclamation of Medium Tank Idler Wheels D37916.

9–2830–51 28 Feb. 44. Reclamation of GMC Steam Release Tube with Nut 143525 and Connector 187715.

9–2830–52 4 April 44. Reclamation of Master Clutch Assemblies D47534, D47434, and/or Fan D34110 on Medium Tanks M4, M4A1, 105-mm Gun Motor Carriage M7, 155-mm Gun Motor Carriage M12 and Cargo Carrier T14.

9–2830–53 6 May 44. Reclamation of Sealed Type Monroe Shock Absorbers.

9–2830–54 6 May 44. Reclamation of Hack Saw Frames.

9–2830–55 6 May 44. Reclamation of Broken Glass, Salvaged From One-Piece Type Windshields and Conversion of One-Piece Windshield Frame to Two-Piece Type.

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9–2830–56 29 May 44. Conversion of Dodge Clutch Housings *915514, *589999, *592386, *579442 and *589282 to Fit Any Chassis Using Dodge Model, T112, T202, T207, T211 and T215, Engines.

9–2830–57 6 May 44. Reclamation of Water Circulation Thermostat.

9–2830–58 6 May 44. Reclamation of In-Line Engine Crankshafts.

9–2830–59 6 May 44. Reclamation of Unserviceable Shafts Having Keyways.

9–2830–61 6 May 44. Reclamation of Crankcase from Cover B–154596, Continental Radial Engine R975–C1.

9–2830–62 6 May 44. Reclamation of Thermoelectric Type Heat Indicator.

9–2830–63 8 May 44. Conversion of GMC 2½-Ton, 6 x 6, Truck Transfer Case Inner Bearing Retainer, *3659898 to New Type Retainer *591377.

9–2830–67 8 May 44. Reclamation of Crankshaft Radial Engine, R975.

9–2830–68 8 May 44. Reclamation by Metallizing.

9–2830–69 27 Oct. 44. Conversion of ¼-Ton 4x4, Amphibian Truck (Ford GPA), Front and Rear Axles for use on ¼-Ton, 4x4, Trucks (Ford GPW).

9–2830–71 18 May 44. Classification Racks for Identification of Small, Reclaimed, or Reclaimable Parts.

9–2830–72 3 June 44. Reclamation of Clutch Release Bearings.

9–2830–73 19 June 44. Reclamation of Storage Batteries.

9–2830–74 3 July 44. Reclamation of Brake Drums.

9–2830–75 13 July 44. Reclamation of Thermoelectric Type Oil Pressure Gage.

9–2830–76 13 July 44. Reclamation of Split Type Timken Axle Housing with Loose Axle Tube or Bell Mounted Differential Housing.

9–2830–77 14 July 44. Reclamation of Dodge 581500 and Similar Type Clutch Bearing Sleeve.

9–2830–78 14 July 44. Reclamation of Autocar, Diamond T and White Half-Track Upper Bogie Roller C–86010.

9–2830–79 14 July 44. Reclamation of Oil Pressure Gage.

9–2830–80 14 July 44. Conversion of 1937 through 1940 Chevrolet ½-ton Truck Transmission for use in a 1941 and 1942 Chevrolet ½-ton Truck Transmission.

9–2830–81 15 July 44. Reclamation of Medium Tank Track-Support Roller.

9–2830–82 15 July 44. Reclamation of Worn Bronze Bushings.

9–2830–83 17 Aug. 44. Conversion of 1934 and 1935 Autolite Dodge Starting Motors, For use on 1939, 1940 and 1941 Dodge 1½-Ton Trucks.

9–2830–84 17 Aug. 44. Reclamation of Starting Motor Reduction Gear Housing, DR1844823 on Half-Track Vehicles, M5, M5A1, M9A1, M14 and M17.

9–2830–85 18 Sept. 44. Reclamation of Medium Tank Transmission Shifter Forks, C77566 and C77568.

*9–2830–87 10 Oct. 44. Reclamation of Wheel Hubs with Loose Bearing Races.

*9–2830–88 10 Oct. 44. Reclamation of Main Bearing Saddles and Caps for In-Line Engines.

9–2835–4 30 Dec. 43. Oil, Engine USA 2–104.

9–2835–5 18 Feb. 44. Railroad Car Journal Bearing Lubrication.

9–2835–6 6 March 44. War Department Lubrication Guide Holders.

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9–2835–8 16 Nov. 44. Small Arms, General Instructions for Care, Preservation, and Lubrication.

9–2852–1 14 Jan. 44. Precautions when Cleaning and Preparing Containers of Combustible Materials for "Hot Work" Repair.

*9–2853–1 4 Dec. 44. Preparation of the Multiple Calibre .50 Machine Gun Carriage M51 for Deep Water Fording.

ORD 1 1 Dec. 43. Camouflage of Reflective Recoil Slide Surfaces.

ORD 2 22 Dec. 43. Use of Trigger Spring Removing Tool.

ORD 3 23 Dec. 43. Carriage, Motor, 3-In. Gun, M10 and M10A1: Crew Hand Holes.

ORD 4 30 Dec. 43. Instrument Lights.

ORD 5 31 Dec. 43. Emergency Field Maintenance for 2½-Ton Amphibian Truck.

ORD 6 10 Jan. 44. Installation and Removal of Ball and Roller Bearings.

ORD 7 10 Jan. 44. Protection of Propelling Powder for 60-mm and 81-mm.

ORD 8 10 Jan. 44. All Half-Track Vehicles and Scout Cars: Preparation and Operation of Surge Tank In Freezing Weather.

ORD 9 10 Jan. 44. Sight, Adjustable, Rear, Assembly, D73955 and D7160060.

ORD 10 3 April 44. Truck, ¼-Ton, 4 x 4, Ford (Model GPW) and Willys (Model MB): Grease Gun Adapter.

ORD 11 12 Jan. 44. Tank Medium M4 Series: Flushing and Maintenance of Turret Bearing Race.

ORD 12 12 Jan. 44. Ordnance Vehicles; Correct Propeller Shaft Universal Joint Lubricant.

ORD 13 12 Jan. 44. Revised Procedure for Adjusting Exhaust Clearance.

ORD 16 23 March 43. Engine, Radial, Continental R-975 Series: Oil Pump Identification.

ORD 17 11 Nov. 42. Protection of Electrical Equipment During Steam and/or Vapor Cleaning Operations.

ORD 18 9 April 43. Tank, Medium: Cast Track Support Roller.

ORD 19 24 Jan. 44. Tanks, medium, M3, M3A1, M3A3, M3A4, M3A5, M4A2, and M4A3, Installation of bogie wheel bearing and seals.

ORD 20 24 Jan. 44. Placement of caution tags in Drivers Compartments.

ORD 21 31 Jan. 44. Cartridge, Grenade, Auxiliary, M7.

ORD 22 28 Jan. 44. Tank, Light and Medium; Carriages, Gun Motor (On Tank Chassis); Vehicles, Special Purpose (On Tank Chassis): Closing Spoke Type Bogie and Idler Wheels.

ORD 23 29 Jan. 44. Half-Track Vehicles (White, Diamond T and Autocar); Car, Scout, M3A1; Radio Suppression.

ORD 24 29 Jan. 44. Tank, Light, M5, M5A1; Carriage, Motor, 75-mm Howitzer, M8: Matching of Fly-Wheel Housing and Cylinder Block.

ORD 25 8 Feb. 44. Indicator, Azimuth, M5 and M16; and Indicator Elevation, M5: Indicator Covers M415.

ORD 26 9 Feb. 44. Truck, 6 x 6 and 6 x 4 (All Makes): Adjustment Lubrication of Roller Bearing Type Trunnion Axle Spring Seat Bearings.

ORD 27 3 Feb. 44. Truck, 2½-Ton, 6 x 6 and 6 x 4 (GMC); Spiking Transmission Fifth Speed Gear Bushing.

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ORD 28 3 Feb. 44. Wheeled and Half-Track Vehicles: Engine Sludge Formation in Low Temperature Operation.

ORD 29 28 Mar. 44. Tank, Medium, M4 and M4A1; Carriage, Motor, 105-mm Howitzer, M7; Carriage, Motor, 155-mm Gun, M12 and Carrier, Cargo, T14; Carriage, Motor, 76-mm Gun, T70: Lubrication of Carburetor Pump Stem and Lever.

ORD 30 3 Feb. 44. Tank, Light, M5 Series; Tank, Medium, M4 Series: Servicing Hydraulic Turret Traversing Mechanism (Oilgear).

ORD 31 12 March 43. Medium Tanks, Self-Propelled Gun Mounts, and All Special Vehicles Using Medium Tank Chassis, including: Carriage, Motor, 105-mm Howitzer, M7; Carriage, Motor, 3-In. Gun, M10 and M10A1; and Vehicle, Tank Recovery, T2: Use of Chamfered-Tooth Drive Gear in Synchronizer Assembly of Transmission.

ORD 32 18 Feb. 44. Truck, 2½-Ton, 6 x 6 (GMC CCKW-352, CCKW-353): Lubrication Instructions.

ORD 33 18 Feb. 44. Truck, Bomb Service, M1 (GMC); Winch and Bomb Lift Truck: Lubrication Instructions.

ORD 35 16 Feb. 44. Tanks, Medium, M3 and M4 Series; Installation of Idler Brackets.

ORD 37 16 Feb. 44. Tank, Medium, M3A3, M3A5, M4A2, and Carriage, Motor, 3-In. Gun, M10: Failure of Tubes Connecting Fuel Pump To Junction Plate.

ORD 38 14 Feb. 44. Half-Track Vehicles; Adjustment of the Idler Shackle Stop Bolt.

ORD 39 9 Feb. 44. Truck, 1½-Ton, 4 x 4 (Chevrolet); Truck, 1½-Ton, 4 x 2 (Chevrolet); Truck, ¾-Ton, 4 x 2 (Chevrolet); Car, Medium, Sedan, 5-Passenger (Chevrolet): Replacement of Spark Plug No. 1557938.

ORD 41 12 Feb. 44. Tank, Medium, M3 and M4 Series, Carriages, Carriers and Vehicles with Medium Tank M3 and M4 Suspension; Correction Position of Rear Idler Track Adjusting Eccentric Shaft.

ORD 42 18 Feb. 44. Truck, ½-Ton, 4 x 4 (Dodge): Lubrication Instructions.

ORD 43 11 Sept. 43. Tank, Medium M4A3 Carriage, Motor, 3-In. Gun, M10A1: Spark Plug Inserts.

ORD 44 16 Feb. 44. Wheeled Vehicle 4 x 4 and 6 x 6: Lubrication of constant Velocity from Axle Universal Joints.

ORD 45 2 Feb. 43. Tank, Light and Medium (Using Continental W670-9A, R-975-C1 Engines): Carburetor Dust Guard.

ORD 46 1 Jan. 42. Nuts, Elastic Stop, Installation.

ORD 47 10 June 43. Truck, ¾-Ton, 4 x 4, Weapons Carrier; Truck, 2½-Ton, 6 x 6, Cargo Type: Installation of 2d Echelon Tool Sets Nos. 1 and 2.

ORD 48 27 March 43. 37-mm AA Gun Matériel, M3A1; 40-mm AA Gun Matériel, M1 and M2; 90-mm AA Gun Matériel M1A1, T2 and T2E1; 4.7-Inch AA Gun Matériel T2; Hydraulic Oil for Oil Gear Units and Hydraulic Speed Gears.

ORD 49 6 May 43. Guns; 37-mm, M1A2, M3, M3A1, M4, M5, M6, and M9; 40-mm, M1; 57-mm, M1 and M3; 75-mm, M2, M3, and M4; 76-mm, M1; 3-Inch, M7; 90-mm, M1; 4.7-Inch, M1, Howitzers; 75-mm, M1A1, M2, and M3; 105-mm, M1 and M3: Interchangeability of Barrels in Their Respective Breech Rings.

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ORD 51 5 March 43. Destructor, AN-M1, Destructor, AN/M2, Destructor, M3.

ORD 52 28 Feb. 44. Howitzer (Pack) 75-mm, M1 and M1A1; Carriage, Howitzer, M1 and M8: Cleaning of Axle and Dust Cover.

ORD 53 29 Feb. 44. Telescope, Panoramic, M12 Series: New Spring for Azimuth Throwout Lever Assembly.

ORD 54 3 March 44. Truck, 2½-Ton, 6 x 6 (GMC) All Models and Truck, 2½-Ton, 6 x 6 Amphibian (GMC DUKW-353): Oil Loss at Crankcase Ventilator Air Cleaner.

ORD 55 6 March 44. Gun, 40-mm, M1 (AA); Carriage, Gun, 40-mm, M1 and M2 (AA): Lubrication Instructions.

ORD 56 8 March 44. Engine Rebuilt Data for Type One 5th Echelon Base Shops.

ORD 57 8 March 44. German and Italian Fuels and Lubricants.

ORD 58 25 Feb. 43. Generator, Auxiliary (Homelite Model HRH-28): Modifications Used on Medium Tanks M3A3, M4A1, M4A2, M4A3, and M4A4.

ORD 59 14 July 44. Trucks, Dump: Use of Hydraulic Pump.

ORD 60 13 March 44. Ordnance Vehicles: Lubrication of Generator Bearings.

ORD 61 15 March 44. Replacement of Button Head and Bayonet Type Lubrication Fittings on Ordnance Full Track Vehicles.

ORD 62 15 March 44. Truck, 2½-Ton, 6 x 6 and 6 x 4 (GMC Models CCW and CCKW): Resurfacing Clutch Pressure Plates and Flywheels.

ORD 63 15 March 44. Elimination of Date of Manufacture on Aircraft Cannon.

ORD 64 15 Mar. 44. Carriage, howitzer, 105-mm. M2A1; Carriage, howitzer, 105-mm, M2A2; Carriage, gun, 3-inch, M1: Lubrication of swivel nut on traversing mechanism.

ORD 65 16 March 44. Firing Mechanism M1 Proper Assembly of Firing Machanism Receiver Housing on to Obturator Spindle and Use of Head Space Gage B722592.

ORD 66 5 Sept. 44. Carriage, Motor, 75-mm Howitzer, M8; Tank, Light, M5 and M4A1; Tractor, High Speed, 13-Ton, M5: Steering, Brake Link Pin.

ORD 67 18 March 44. Storage Batteries.

ORD 68 18 March 44. Tank, Light, M5 and M5A1 Carriage, Motor, 75-mm Howitzer, M8: Engine Water Temperature Gage Units and Instrument Panel Gages, Simplified Linkage Adjustment Procedure.

ORD 69 20 March 44. Remote Control Systems M1, M3, and M5: Lubrication of Oil Gears M1 and M2.

ORD 70 22 March 44. Tank, Medium, M4A2 and M4A3: Descending Steep Grades.

ORD 71 27 Oct. 44. Tanks, Medium, M4 Series; Tanks, Light M3A4, M5, M5A1; Carriages, Motor (On Light and Medium Tank Chassis): Reversing Track End Connectors.

ORD 72 23 March 44. Gun, 90-mm, M1; Mount, Gun, Antiaircraft, 90-mm, T2E1; Lubrication Instructions.

ORD 73 23 March 44. Engine Rebuild Data for Type Two 5th Echelon Base Shops.

ORD 74 8 July 44. Ordnance Vehicles: Corrective Cleaning of Cooling System.

ORD 75 10 April 44. Gasoline-Powered Vehicles and Equipment Prevention of Gum Formation in Fuel Systems.

ORD 76 12 April 44. Fuze Wrench M7A1.

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ORD 77 5 June 44. Flash Reducer T1.

ORD 78 14 April 44. Tank, Light, M5, M5A1; Carriage, Motor, 75-mm Howitzer, M8: New Type Rear Main Bearings.

ORD 80 18 April 44. Tank, Light, M3A3, M5 and M5A1; Tank, Medium, M4 Series; All Gun Motor Carriages and Special Purpose Vehicles on Light and Medium Tank Chassis: Use of Rubber and Steel Tracks.

ORD 81 26 May 44. Truck, 2½-Ton, 6 x 6 (GMC) (With Banjo Type Axle): New Type Drive Gear Front Bearing Retainer for Banjo Type Transfer Case.

ORD 82 18 April 44. Carriage, Motor, 3-Inch Gun M10A1: Lubrication Instructions.

ORD 83 25 April 44. Medium Tank M4 Series; Full Track Vehicles with Medium Tank, M4, Power Train: Steering Brake Adjustment.

ORD 84 27 April 44. Grenade, Rifle, Smoke (Colored), Streamer, T12.

ORD 85 5 May 43. Truck, 2½-Ton, 6 x 6 (GMC) (Model ACKW and CCKW): Types of Oil Pans for "270" Engines.

ORD 86 14 Aug. 44. Truck, 1½-Ton, 4 x 4 (Chevrolet); Truck, 2½-Ton, 6 x 6 (GMC); Truck, 2½-Ton, 6 x 4 (Studebaker); Frame Reinforcement.

ORD 88 4 May 44. Tanks, and Tank-Like Vehicles; Engine Oil Drain Periods.

ORD 90 18 May 44. Tank, Medium, M4 Series; Carriage, Motor, 3-Inch Gun M10 and M10A1; Carriage, Motor, 76-mm Gun, M18; Procedure for Servicing of Azimuth Indicator M18 and M19.

ORD 92 13 May 44. Ordnance Wheeled Vehicles: Installation of 5-Gallon Liquid Container Bracket.

ORD 93 13 May 44. Ordnance Vehicles: Installation of Pioneer Tool Bracket.

ORD 94 13 May 44. Replacement of M50-Series Direct Sight Telescope in Tank and Combat Vehicles by the M70-Series Telescopes.

ORD 95 22 May 44. Tank, Medium, M4A3; w/75-mm Gun; 2/76-mm Gun; w/105-mm Howitzer; M4A3E2; T23; T25E1; T26E1: Carriage, Motor, 90-mm Gun, T71; Carriage, Motor, 105-mm Howitzer M7B1; 3-Inch Gun, M10A1; Spark Plug Inserts.

ORD 96 22 May 44. Tank, Medium M4, M4A1, M4A3; Carrier, Cargo, M30; Carriage, Motor, 155-mm Gun, M12; Carriage Motor, 105-mm Howitzer, M7; Carriage Motor, 76-mm Gun, M18; Carriage, Motor, 3-Inch Gun M10A1; Interchangeability of Electric Type Oil Pressure Gages.

ORD 97 10 July 44. 75-mm Pack Howitzer Carriage M1 and 75-mm Howitzer Carriage M8: Removal of Bushings from Rear Trail.

ORD 98 22 May 44. Tank, Medium, M4 Series; Carriages, Carriers, and Special Purpose Vehicles with Medium Tank M4 Transmission: Correct Tension of Shifter Rod Poppet Spring.

ORD 100 18 Aug. 43. Half-Track Vehicles (White, Autocar and Diamond T): Correction of Steering Knuckle Boot Guard.

ORD 101 18 May 43. Engines, Continental, R975 Series New Type Cam Assembly.

ORD 102 30 May 44. Vehicle, Landing, Tracked; LVT (A) (1): LVT (A) (2); LVT (2); LVT (A) (3); LVT (4); LVT (A) (4): Repainting of Vehicles.

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ORD 104 10 June 44. Ordnance Vehicles; Correct Fluids for Hydraulic Jacks and Hydraulic Hoists.

ORD 105 12 June 44. Mortar, 81-mm, T27 and Mount, Mortar, T21.

ORD 106 17 June 44. Tank, Medium, M4 and M4A1; Carriage, Motor, 105-mm Howitzer M7: Incorrect Engine Oil Gage Blade Markings.

ORD 107 20 June 44. Half-Track Vehicles and Scout Cars, M3A1: Operation of Surge Tank in Freezing Weather.

ORD 108 19 June 44. Tank, Medium M4 and M4A1; Carriage, Motor, 105-mm Howitzer, M7; Replacing Romec Fuel Pump Equipped Engines with AC fuel pump equipped engines.

ORD 110 22 June 44. 105-mm Howitzer M2A1 and M3; Assembly of Spare Tube Assembly to Breech Ring.

ORD 111 22 June 44. Car Armored M8; Car Armored, Utility, M20; LVT (A) (L), LVT (A) (2), LVT (2), LVT (A) (3), LVT (4), LVT (A) (4); Fuel cell Information and repair Instructions.

ORD 112 12 June 44. Vehicle, Tank Recovery, M31 (T2) and M32 (T5); Mover, Prime, Full Track, M33 and M34: Tow Bar Eye Enlargement.

ORD 113 23 June 44. Inspection and Service of the Air Brake Systems on Field Artillery Matériel.

ORD 114 23 June 44. Adapter, Grenade Projection, Chemical, T2.

ORD 115 28 June 44. Tank, Medium, M4 and M4A1; Carriage, Motor, 105-mm Howitzer, M7; Carriage, Motor, 155-mm Gun, M12; Carriage, Motor, 76-mm Gun, M18 (T70): Carrier, Cargo, M30 (T14); Piston Ring Identification and Installation (Continental R975 Series Engines).

ORD 116 28 June 44. Vehicles with Medium Tank Track Suspensions: Interchangeability of Bogie Wheel Assembly.

ORD 118 3 July 44. Identification of Storage Batteries In Landing Vehicles, Tracked (LVT). When Prepared with Electrolyte of 1.200 to 1.225 Specific Gravity.

ORD 119 29 June 44. Fuze, Hand Grenade, T2E1.

ORD 120 11 July 44. Exercising of Record Mechanisms on Coast Artillery and Railway Artillery Matériel.

ORD 121 12 July 44. 4.5-Inch Rockets, M8 and M9 Series, T22 and T46.

ORD 122 12 Aug. 44. Projectile, Illuminating, MK 24 Mod 1, for Guns, 3-Inch and 76-mm.

ORD 123 17 July 44. Tanks, Light and Medium; Cars, Armored; Special Purpose Vehicles on Tank Chassis: Use of Hull Lifting Eyes.

ORD 124 11 June 44. Depth Charge, Aircraft, 250-Lb., Mk. VIII (British).

ORD 125 22 July 44. Tanks, Light and Medium; Carriages; Carriers, and Special Purpose Vehicles on Tank Chassis: Operation of Track Connecting Fixture 41-F-2997-86.

ORD 126 19 July 44. Cold Weather Lubrication and Service of Combat and Transport Matériel.

ORD 127 21 July 44. Truck, 2½-Ton, 6 x 6 and 6 x 4 (Studebaker, Reo and GMC Models CCKW-352 and 353): Change in Method of Lubricating Pillow Block Assemblies.

ORD 128 21 July 44. Fuze Dial on Motor Drive M2E1.

ORD 130 1 Aug. 44. All Half-Track and Full-Track Laying Vehicles: Instructions Governing Removal, Inspec-

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tion, Classification, Reconditioning and Disposition Tracks and Bogie Wheels.

ORD 131 2 Aug. 44. Tank, Medium, M4A3, Carriage, Motor, 3-Inch Gun, M10A1: Engine Oil Pan Level Sending Unit, and Oil Level Instrument Panel Gage.

ORD 132 3 Aug. 44. Telescope M51, M52, M56, M57, M59, M66, M70 Series, M71 Series, M72 Series, M76C (T106), and T93.

ORD 133 3 Aug. 44. Tank, Medium, M4 and Special Purpose Full-Track Vehicles with Medium Tank M4 Type Power Train; Instructions for Shimming Transmission Pinion Gear Using Shim Checking Gage 41-G-217-150.

ORD 134 3 Aug. 44. Engines, Radial and Inline: Disposition of Unserviceable Sodium-Filled Exhaust Valves.

ORD 135 3 Aug. 44. Heavy Carriage Limber M5.

ORD 136 5 Aug. 44. Lubrication of Eyepiece Movements of Optical Instruments.

ORD 137 8 Aug. 44. 20-mm Aircraft Gun Rounds: T9E5 (M95), T18 (M96), T23 (M97), T24 (M99).

ORD 138 10 Aug. 44. Recoil Mechanisms of Mobile Field Artillery: Changing from Recoil Oil (Heavy) to Recoil Oil (Special).

ORD 139 10 Aug. 44. Air Pressures for Tires on Artillery Carriages.

ORD 140 19 March 42. Quadrant, Range, M1: New Range Drums.

ORD 141 3 June 42. Gun, Submachine, Caliber .45, Thompson, M1928A1 and M1: Deletion of Serial Number from Frame.

ORD 142 14 Aug. 44. Restricted Use of Fuze, P.D., M51 W/Booster M21 Fuse, P.D., M51A1 W/Booster M21A1.

ORD 143 12 Aug. 44. Carriage, Motor, 3-In. Gun, M10 and M10A1, List of Equipment.

ORD 144 3 March 44. Carriage, Motor, 3-in. Gun, M10 and M10A1; Importance of Locking Turret.

ORD 145 15 May 43. Engines, Continental, R-975-C1: Magneto Timing Change.

ORD 146 23 May 43. Ordnance Vehicles; Correcting Windshield defrosted switch short circuit.

ORD 147 24 July 43. Ordnance Wheeled Vehicles; Provision for a Lubricant Passage on Universal Joint Trunnion Ends.

ORD 148 11 Aug. 43. Carriage, Motor, 3-In. Gun, M10 and M10A1, Carriage, Motor, 105-mm Howitzer, M7; Carriage, Motor, 155-mm Gun, M12; Vehicles, Tank Recovery, T2; Tanks, Medium, M4 Series; Carrier, Cargo, T14, Fuel Tank Filler Neck, Strainer, Seal, and Vent.

ORD 149 12 July 43. Vehicles, Half-Track, and car, scout M3A1; Misuse of 5-Gallon liquid containers.

ORD 150 15 June 43. Tank, Medium; Track Adjustment.

ORD 151 22 May 43. Tanks, Medium, M4 Series; Carriage Motor 3-in. gun, M10 and M10A1; Carriage, Motor, 105-mm Howitzer, M7; Carriage, Motor, 155-mm Gun, M12, Carrier, Cargo, T14, Transmission Oil Return Line.

ORD 152 3 July 44. Tanks, Medium, M4 Series; Carriage Motor, 3-in. Gun, M10 and M10A1; Carriage, Motor, 105-mm Howitzer, M7; Carriage Motor, 155-mm Gun, M12; Carrier, Cargo, T14, Disc Type Track Idler Wheel.



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ORD 153 1 Jan. 43. Engines, radial, booster coils; Inspection.

ORD 154 13 May 43. Tanks, Medium M4 Series, Carriage, Motor 105-mm Howitzer, M7; Carriage, Motor, 155-mm Gun, M12; Carrier, Cargo, T14, Transmission Pinion Gear Shim Replacement.

ORD 155 13 Aug. 43. Half-Track Vehicles and Scout Cars; Staking of Hexagon Nuts and Bolts.

ORD 156 1 July 43. Half-Track Vehicles; Removal of Engine Speed Restrictor or Governor.

ORD 157 1 Sept. 43. All Half-Track Vehicles; Removal of Idler Adjusting Rod Lock Nut.

ORD 158 22 April 43. Tank, Medium, M4-Series: Clutch Pedal Operation Interference.

ORD 159 17 May 43. Medium Tanks, M4 Series; Transmission Clutch Gears.

ORD 160 29 May 43. Tanks, Medium, M3A3, M3A5, M4-A2, Carriage, Motor, 3-In. Gun, M10; Clutch Disk Assembly, Semi-Metallic Facings to Replace Clutch Disk Assembly, Woven Asbestos Facings.

ORD 161 28 May 43. Ordnance Vehicles; Mounting Decontaminating Apparatus, M2.

ORD 162 10 Dec. 42. Half-Track Vehicles and Car, Scout, M3A1: Replacement of Gas Tank Drain Plug.

ORD 163 22 June 43. Ordnance Vehicles; Mounting Universal Rifle Bracket.

ORD 164 4 June 42. Compasses for Scout Cars M3A1 and All Half-Track Vehicles; Installation and Adjustment.

ORD 165 13 Aug. 43. Tanks, Medium M4, M4A1, M4A4, Carriage, Motor, 105-mm Howitzer, M7 Carriage, Motor, 155-mm Gun, M12 Carrier, Cargo T14; Field Method of Working Out the Dust Accumulation In Clutch.

ORD 166 8 June 44. Half-Track Vehicles; Modification of Crescent Wrench to Fit Tension Adjusting Nut on Spring-Loaded Idler Mechanisms.

ORD 167 17 Aug. 44. Truck, 2½-ton, 6 x 6, (GMC CCKW-352-353); Truck, 2½-ton, 6 x 6 Amphibian (GMC DUKW-353); and Truck, 2½-Ton 6 x 4 (GMC CCW-353); Spring Seat Spacer Washer 22-2834 for Rear Spring Seat Seal (Lip-Type) Kit.

ORD 168 12 Nov. 43. Half-Track, and Wheeled Vehicles; Tire Lock Ring Removing Tool.

ORD 169 21 Aug. 44. Shell, H.E., 57-mm, T18E1 with Fuze, P. D., T83 or With Fuze, P.D., T86.

ORD 170 18 March 43. Tank, Medium M3 and M4 Series; Differential Compensating Pinion Mounting Bushings.

ORD 171 24 Aug. 44. Use of Recoil Oil (Special) in the Recoil Cylinder for Gun, Automatic, 40-mm, M1 (AA), and Oil Geared M1 (Remote Control Systems M1 and M5), M2 (Remote Control System M3), and M3 (Remote Control System M15).

ORD 172 15 June 43. Ordnance Vehicles; Instrument Panel Voltmeter.

ORD 173 30 Aug. 44. Unit Replacement and Repair Time Guide For Wheeled Vehicles.

ORD 174 31 Aug. 44. Units, Generating, M5 and M6: Lubrication of Fan.

ORD 175 4 Sept. 44. Truck, 10-Ton, 6 x 4, Diesel, Prime Mover, (White 1064); Truck, 20-Ton 6 x 4, Diesel, Tractor (Federal 604); Cylinder Head Gaskets.

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ORD 176 5 Sept. 44. Tanks, Light, M5, M5A1, M3A3, Turret Mounting Lubrication and Adjustment Procedure.

ORD 177 5 Sept. 44. All GMC Vehicles with Banjo-Type, Axles; Conservation of Critical Transfer Case and Front Axle Drive Mainshaft Gear and Roller Spare Parts.

ORD 178 5 Sept. 44. Tank, Medium, M4; Tank, Medium, M4 (105-mm) Howitzer; Tank, Medium, M4A1; Tank, Medium, M4A1 (76-mm Gun); Grouser Compartment Plate Reinforcement.

ORD 179 5 Sept. 44. Carriage, Motor, 75-mm Howitzer, M8; Tank, Light, M5 and M5A1; Tractor, High-speed, 13-Ton, M5; Steering Brake Link Pin.

ORD 180 5 Sept. 44. Tank, Medium M4 (105-mm Howitzer, Wet) Tank, Medium, M4A1 (76-mm Gun, Wet) Tank, Medium M4A3 (75-mm Gun, Wet) Tank Medium M4A3 (76-mm Gun, Wet): Carriages Motor, 105-mm Howitzer, M7 and M7B1, Vehicle, Tank, Recovery M32B2; Removal of Clutch Pedal High-Idle Control.

ORD 181 7 Sept. 44. Corrections in Test Problems for Director M7A1B2.

ORD 182 22 Dec. 42. Tank, Medium, M4, Suspension Assembly.

ORD 183 1 Oct. 43. Tank, Light, T9E1; Tank, Light, M5A1; Tank, Medium, M4, M4A1, M4A3; Carriage, Motor, 75-mm Howitzer, M8: Fire Detector System.

ORD 184 6 July 43. Trucks, 2½-Ton, 6 x 6 (GMC) Prevention of Interference Between Body Channel and Rear Tires in Vehicles Having U-shaped Cross Members.

ORD 185 12 Sept. 44. Truck, 2½-ton, 6 x 6 (GMC CCKW-352 and 353); Truck 2½-ton, 6 x 6, Amphibian (GMC DUKW-353); Truck, 5-ton 6 x 4 (GMC CCW-352); Truck, 2½-ton, COE (GMC AFKWX): New Type Cast Iron Carburetor and Flange Mounted Air Cleaner.

ORD 186 12 Sept. 44. Truck, 2½-Ton, 6 x 6, (GMC CCKW-353-353) Truck, 2½-Ton, 6 x 6, Amphibian (GMC DUKW 353), Truck, 5-Ton, 6 x 4, (GMC CCW-353); Procedure for Reducing Exhaust Manifold Failures.

ORD 187 4 Sept. 43. Engines, Radial, Unserviceable Cylinder Assemblies.

ORD 188 28 Dec. 42. Tanks, and Gun and Howitzer Motor Carriages; Bore Sighting Adjustment.

ORD 189 9 Aug. 43. Tanks, Medium M4 Series; Standardization of Traversing Mechanism.

ORD 190 26 Sept. 42. Tanks, Light and Medium: Effect of Air Cleaners on Idling Mixtures.

ORD 191 15 Sept. 44. Tank, Light, M5, M5A1 and M24; Carriage, Motor, 75-mm Howitzer, M8, Half-Track Vehicles (Autocar, White and Diamond T): Servicing Hydraulic Valve Lifters.

ORD 192 16 Sept. 44. Tank, Medium, M4; Tank, Medium, M4 (105-mm Howitzer); Tank, Medium, M4A1; Tank, Medium, M4A1 (76-mm Gun): Supplementary Maintenance Information on Master Clutch D78123.

ORD 193 30 Sept. 44. Cold Weather Lubrication: Operation and Maintenance of Artillery and Sighting and Fire Control Matériel.

ORD 194 6 Nov. 43. Identification of Cartridges.

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ORD 195 23 April 43. Tanks with Radial Engine, Track Installation.

ORD 196 2 Jan. 43. Identification Plate of Ordnance Material.

ORD 197 15 Sept. 44. M4 Series Medium Tanks and Light Tank M24 with Wet Stowage: Removal of Ethylene Glycol Type Antifreeze Compound from Ammunition Container and Installation of Ammudamp.

ORD 198 21 Sept. 44. Identification of Storage Batteries in Landing Vehicles, Tracked (LVT) When Prepared with Electrolyte of 1.200 to 1.225 Specific Gravity.

ORD 199 20 Sept. 44. Tractor, Shop, T10; Preparation for Deep Water Fording.

ORD 200 20 Sept. 44. Tractors, High-Speed, 18-Ton, M4: 13-Ton, M5, and 38-Ton, M6; Standardization of Track Tension.

*ORD 201 21 Sept. 44. Carriers, Cargo, M28, M29, and M29C: Identification of Connection Rods.

ORD 202 26 Sept. 44. Carriage, Motor, 105-mm Howitzer, M7; Tank, Medium M4; Correct Ammunition Boxes and Brackets.

ORD 203 26 Sept. 44. Motorcycle, Indian (All Models): Bleeding of Oil Pump.

ORD 204 29 Sept. 44. Trailer, ¼-Ton, 2-Wheel: Installing Heavier Springs and Longer Clips.

ORD 205 29 Sept. 44. Transport Vehicles: Engine Valve Tappet Clearances.

ORD 206 28 Sept. 44. Carriage, Gun, 155-mm, M1 and M1A1, Carriage, Howitzer, 8-Inch, M1: Location for the Loading Tray.

ORD 207 28 Sept. 44. Rifle, U. S., Cal. .30, M1.

ORD 208 28 Sept. 44. Smoke Rifle Grenades M19, M20 and M22.

ORD 209 5 Oct. 44. Replacement of M50-Series Direct Sight Telescope in Tank and Combat Vehicles by the M70 Series Telescope.

ORD 210 10 Oct. 44. Continental R975-C1 and R975-C4, Engines; Magneto Identification.

ORD 211 10 Oct. 44. Truck, 1½-Ton 4x4, (Chevrolet), and Truck, 2½-Ton, 6x6 (GMC); Oversize Tie Rod Yoke Bolt.

ORD 212 9 Oct. 44. Hydropneumatic Recoil Mechanisms; Instructions Relating to Inspection, Evacuation, and Records.

ORD 213 12 Oct. 44. Tanks, Medium M4, M4 (105-mm Howitzer), M4A1, M4A1 (76-mm Gun), 105-mm Howitzer Motor Carriage, M7; Service Instructions on Master Clutch Assembly 7067270.

ORD 214 28 Oct. 44. Ammunition; Safety Distance Requirements for Preparation of Primers and Demolition Charges.

ORD 215 30 Oct. 44. Ordnance Engines, Run-In after Rebuilding.

ORD 216 7 Nov. 44. Truck, 5- to 6-Ton, 4x4 (Autocar, Model U-8144-T); Truck, 6-Ton 6x6 (Brockway Model B 666); Truck 6-Ton, 6x6 (Corbitt Model 50SD-6); Truck, 6-Ton 6x6 (White Model 666); Truck, 6-Ton 6x6, (Mack Model NM); Truck, Wrecking, Heavy, M1 (Ward LaFrance and Kenworth); Installation of Protector Snap Ring for Front Axle Shaft Oil Seal.

*ORD 217 8 Nov. 44. All Ordnance Combat and Transport Vehicles: Gear Case Lubricant Levels.

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*ORD 218 8 Nov. 44. All Ordnance Combat and Transport Vehicles: Replacement of Low Pressure (80 lb.) Universal Joint Relief Valves with High Pressure (1500 lb.) Relief Valves and Availability of Thin Stem Lubricating Adapter.

ORD 219 26 Oct. 44. Tank, Medium M4 and M4A1; Carriage, Motor, 105-mm Howitzer M7; Incorrect Engine Oil Gage Blade Markings.

ORD 221 20 Nov. 44. Directors, M9, M9A1, M9A2, and M10; Excessive Voltage Drop in A-C Power Cable Assemblies C80250.

*ORD 223 25 Nov. 44. Maintenance of Diesel Power Plants for Seacoast Gun Batteries During Periods of Inactivity.

*ORD 224 27 Nov. 44. Paints and Painting.

*ORD 226 30 Nov. 44. Cartridge, Canister, 57-mm, T17.

ORD 227 1 Dec. 44. Firing Lock M17.

*ORD 228 4 Dec. 44. Tank, Medium, M4 Series: Replacement of Horizontal Volute Suspension Cap Screws which are Removed for shipment.

*ORD 229 5 Dec. 44. Change in Recoil Oil in Major Caliber AA Matériel.

*ORD 233 18 Dec. 44. Cutter, Cable, M1.

*ORD 237 26 Dec. 44. Gun, Automatic, 37-mm, M4, M9, M9A1, and M10: Modification Record Card and Holder.

ORD E1 29 July 44. German and Italian Fuels and Lubricants.

ORD E2 21 Aug. 44. German, Italian, and Japanese Matériel; Preliminary Fuel and Lubricant Instructions.

ORD FE 1 9 May 44. Carriage, Gun, Motor, 3-Inch Gun M10 and M10A1; Eliminating Interference Between Interphone Terminal Box and 3-Inch Breech Block.

ORD FE 2 23 May 44. Carriage, Motor, 3-Inch Gun M10 and M10A1; Carriage Motor, 90-mm Gun, T71; Sealing Spare Periscope Boxes.

ORD FE 3. 14 April 44. Trailer, ¼-Ton, Payload 2 Wheel, Cargo 1942-43; Truck ¾ Ton, 4 x 4 (Dodge T214) (Model WC-51 Weapon Carrier and WC-52 Weapon Carrier with Winch) Safety Chain Installation.

ORD FE 4 1 June 44. Carriage, Multiple, Cal. .50 Machine Gun M51; Trailer, Generator, M7; Trailer, W/Smoke Generator, 2-Ton, M7; Trailer, Director M13 and M14: Installation of Brake Cable Brackets.

ORD FE 5 10 June 44. Tank, Medium, M4, M4A1, M4A3, M4A6; Carriage, Motor, 3-Inch Gun, M10A1; 105-mm Howitzer, M7 and M7B1; 155-mm Gun, M12; Carrier, Cargo, M30 (T14); Vehicles Equipped with Medium Tank, M4 Transmission (Gasoline Powered): Installation of Tachometer Drive on Old Style Transmission.

ORD FE 6 22 June 44. Ordnance Vehicles: Improvement of Universal Rifle Bracket.

ORD FE 7 22 June 44. Conversion of T214 and T223 Dodge Engine Assemblies and P14 Plymouth Engine Assembly for Use in Early Dodge Military Vehicles and Plymouth Passenger Cars.

ORD FE 8 20 Oct. 44. Tanks, Medium, M4, Series (WET Stowage); Revision of 75-mm and 76-mm Shell Clamp Seals to prevent Sticking of Shells in Containers.

ORD FE 9 2 Aug. 44. Brush, Bore, M13, M14 and M26.

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ORD FE 10 18 June 43. Howitzer, 155-mm. M1, Howitzer, 8-in. M1; and Gun, 155-mm, M1; Modification of Loading Rammer B108585.

ORD FE 11 7 Sept. 44. Tool, Breechblock Holding, For 120-mm Gun M1.

ORD FE 13 22 Sept. 44. Truck, 2½-Ton, 6 x 6 (GMC all models): Reinforcements of Cylinder Head Rocker Arm Cover.

ORD FE 14 22 Sept. 44. Carriage, Motor, 3-inch Gun, M10A1; Carriage, Motor, 90-mm Gun, M36 (T71): Eliminating Interference Between Engine Compartment Top Door Splash Shield and Carburetor Air Intake Manifold.

ORD FE 15 16 Sept. 44. Tank, Medium, M4 Series and Related Gun Motor Carriages; New Type Fourth Speed Input Gear Snap Ring.

*ORD FE 16 17 Oct. 44. Tractor, High-Speed, 18-Ton, M4 and 38-Ton M6; Preventing Muffler Breakage Due to Expansion, Contraction and Flexing of the Metal.

ORD FE 18 9 Nov. 44. Elimination of Odometer, C73214.

ORD FE 19 9 Nov. 44. Drain Holes in Main Side Outriggers of 90-mm Gun Mounts T2E1, and M2 and 120-mm Gun Mount M1.

*ORD FE 20 13 Dec. 44. Carriage, Howitzer, 105-mm, M2A2; Carriage, Gun, 3-inch, M1 and M6: Modification of Handspike C60682.

ORD 10-225-1. 15 Jan. 44. Truck Trailer, 45-Ton Tank Transporter M19 (Truck, 12-Ton, 6 x 4 (4dt) M20) (Diamond T): Excessive Tightening of the Front Bracket Clamp Bolt (N39251F) on the Auxiliary Transmission.

ORD 10-1123-1 22 March 44. Truck, ½-Ton, 4 x 4 (Dodge): Change in Oil Filter Elements Replacement Period.

ORD 10-1225-1 15 Jan. 44. Truck Trailer, 45-Ton Tank Transportation M19 (Truck, 12-Ton, 6 x 4 (4DT) M20). Excessive Tightening of the Front Bracket, Clamp Bolt (N39251F) on the Auxiliary Transmission.

ORD 10-1375-2. 28 Aug. 43. Car, 5-Passenger, Sedan, Six and Eight Cylinder (Ford): Nomenclature Plate Change.

ORD 10-1435-FE 1 29 July 44. Truck, 1½-Ton, 4 x 4 (Ford Model GTB): Relocation of Voltage Regulator.

ORD 10-1479-1 13 Aug. 43. Truck, 7½-ton, 6 x 6 Prime Mover (Mack); Change in position of Shifter Lever Ball on Range Gear Shifter Lever and on Front Axle Drive Shifter Lever.

ORD 10-1557-1 29 June 43. Truck, 1½-Ton, 4 x 4 Chevrolet Dump Model G7116 (1942); Front Spring Rear Hanger **CV-3660623-L.H. and **CV-366-624-R.H. Rivet Failure.

ORD 10-1557-2 28 July 43. Truck, 1½-Ton, 4 x 4 Chevrolet Engine Rear Frame Bracket Reinforcement.

ORD 10-1564-1 7 July 44. Change to Parts List for Truck, 2½-Ton, 6 x 6 (Model US6) (Studebaker), Truck, 2½-Ton, 6 x 4 (Model US 6 x 4) (Studebaker) and Truck, 2½-Ton, 6 x 6 (Model US6) (Reo).

ORD 10-1607-1 23 Dec. 44. Wrecker, 4-Ton, 6 x 6 Diamond T; Rear Spring Pad Clips.

ORD 10-1679-1 18 Feb. 44. Truck 7½-Ton, 6 x 6, Prime Mover, (Mack): Lubrication Instructions.

ORD 10-1679-FE 1 27 July 44. Truck, 7½-Ton, 6 x 6, Prime Mover, W/Winch (Mack Models N O): Lubrication of Clutch Release Bearing.

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TB

23–5–6 5 June 44. U. S. Rifle Cal. .30, M1: Refinishing Shiny Gas Cylinders.

23–7–4 13 Oct. 44. Cal. .30, Carbine, M2 (T4).

23–36–3 6 Nov. 44. Repair of Revolvers Cal. .45 M1917.

23–60–6 14 Dec. 43. Preliminary Instructions: Use of Elevator-Cradle M1 with Cal. .50 Machine Gun Tripod Mount M3.

23–85–7 14 Oct. 44. Shell, Smoke, WP, 60-mm, T6.

23–90–1 29 July 44. Fuze, Time and Superquick, M77, 81-mm Mortar.

31–200–3 24 Jan. 44. Pneumatic Tires and Rubber Treads: Instructions for Mounting Synthetic Tire Tubes and Flaps.

31–200–5 22 June 44. Pneumatic Tires and Rubber Treads; Air Pressure.

*31–200–6 9 Nov. 44. Pneumatic Tires and Rubber Treads.

## QUARTERMASTER

10–260–1 22 Feb. 44. Questions and Answers on the Technical Operation of the QM Salvage Collecting Company.

10–265–1 8 March 44. Questions and Answers on Technical Operation of the Quartermaster Salvage Repair Company.

10–275–1 19 Aug. 44. Lengthening Sleeping Bags. *C 1.*

10–351–1 4 Jan. 44. Speed of Pump (Jaeger Model 1½-P Portable), Gasoline Driven (Briggs and Stratton Engine, Model NP).

10–351–2 19 July 44. Protection of Quartermaster Corps Laundry Trailers in Freezing Weather.

10–352–1 11 Feb. 44. Questions and Answers for the Technical Operations of the Quartermaster Laundry (Semi-Mobile).

*10–396–1 4 Aug. 44.*[1] *Mine Detection Dog (M-Dog).*

10–400–1 15 Feb. 44. Your Gasoline Stove.

*10–400–3 24 Nov. 44. Range, Field M–1937 and Unit, fire Simplified Converted-type.

10–400–4 13 Oct. 44. Care of Outfit, Burner, Pot Type, Oven, Bake Field.

10–405–1 2 March 44. Coffee Brewing.

10–405–2 29 April 44. Question and Answers About Meat.

10–406–1 6 March 44. Message to Mess Sergeants and Cooks (Dehydrated Eggs).

10–410–1. 24 Feb. 44. Emergency Sponge Method of Bread Making.

10–412–1 1 Sept. 44. Preparation of Oversea Hams (Dry Pack).

10–415–1 24 Dec. 43. Active Dry (Granular Dehydrated) Yeast.

10–415–2 29 Feb. 44. Questions and Answers for the Technical Operation of The Bakery Company.

10–465–1 13 March 44. Questions and Answers on the Technical Operation of the Quartermaster Gasoline Supply Company.

10–475–1 11 Feb. 44. Questions and Answers for the Technical Operation of Quartermaster Motor Transportation. *C 1.*

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10–615–1 28 Feb. 44. Questions and Answers on the Technical Operation of the QM Refrigeration Company (Mobile).

10–615–2 26 May 44. Questions and Answers on the Technical Operations of the Quartermaster Refrigeration Company (Mobile) (Changes to TB 10–615–1).

10–630–1 15 Feb. 44. Questions and Answers on the Technical Operation of the QM Graves Registration Company. *C1.*

10–630–2 27 March 44. Graves Registration.

10–1638–1 13 Oct. 44. Preventive Maintenance Services Truck, Fork Lift, Clark, Carloader (Gasoline).

*10–1639–1 Dec. 44. Truck, Fork Lift, Clark, Clipper (Gasoline).

10–1640–1 11 Oct. 44. Truck, Fork Lift Clark Planeloader (Formerly Utiltruc) Code Transport (Gasoline) (Pneumatic Tires).

10–1650–1 24 Aug. 44. Preventive Maintenance Services, Crane (Gasoline-Driven), Silent Hoist Winch & Crane Co., Models AX-192, AY-29.

QM 1 2 Feb. 44. Distribution and Numbering of QM Technical Bulletins.

QM 2 28 Jan. 44. Notes on Operation and Maintenance of Mobile Equipment.

QM 3 28 Jan. 44. Questions and Answers Pertaining to Cold Weather Clothing.

QM 4 22 Feb. 44. Inspections and Preventive Maintenance Services for Battery-Powered Tractors and Fork-Lift Trucks, Wheeled Cranes, and Straddle Lumber Trucks.

QM 5 6 March 44. Shops for Reclamation Work.

QM 6 6 March 44. Notes on Operation and Maintenance of Mobile Equipment.

QM 7 8 March 44. Questions and Answers on the Technical Operation of the Fumigation and Bath Company.

QM 8 7 April 44. Repair Methods and Procedures for Bags, Sleeping, M1942 Helmets, Steel, M-1, and Typewriters and Office Appliances.

QM 9 10 April 44. Shops for Reclamation Work.

QM 10 28 April 44. Conservation of Fats.

QM 11 28 April 44. Questions and Answers of the Technical Operations of the the Quartermaster Fumigation and Bath Company.

QM 12 9 May 44. Reporting Unsatisfactory Equipment.

QM 13 19 May 44. Clothing, Equipment, and Rations for Use in the Jungle.

QM 14 30 May 44. Installations, Operation, and Repair of International Payroll Machines.

QM 15 31 May 44. Instruction-Demonstration On M1937 Fire Unit.

QM 16 1 June 44. Quartermaster Petroleum Products Laboratory.

QM 17 20 June 44. Quartermaster Special Purpose Semitrailer Two-Wheel, Laundry.

QM 18 27 June 44. Improved Functioning of Certain Units In Semitrailer, 2-Wheel, 2DT Laundry.

QM 19 10 July 44. Care and Preservation of Tentage and Other Duck and Webbing Equipment.

QM 21 18 July 44. Major Unit Assemblies Repair and Rebuilding.

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QM 22 1 Aug. 44. Standard Repair Procedures for Clothing and Equipage Items. *C 1, 2, 3.*

QM 23 4 Aug. 44. Repair Methods and Procedures for Helmets, M-1; Bags, Sleeping; Shoes; and Haversacks M-10, M-28.

QM 24 5 Aug. 44. Cleaning of Stencil Duplicators and Repair of Dented Drums.

QM 25 10 Aug. 44. Smoked and Cured Meat.

QM 26 25 Oct. 44. Standard Repair Procedures for Office Appliances with Repair Shop Equipment and Tool List.

QM 27 21 Aug. 44. Demolition of Quartermaster Supplies and Equipment.

QM 28 20 Oct. 44. Miscellaneous Packing House By-Products.

*QM 29 Dec. 44. Repair of Miscellaneous Items.

*QM 30 Nov. 44. Garrison Bakery Operations.

*QM 34 Dec. 44. Cleaning and Repairing Gasoline Containers in Theaters of Operations.

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11-232-1 21 July 44. Preventive Maintenance as Applied to Radio Set SCR-177-B.

11-232-2 7 Sept. 44. Maintenance Parts List For Radio Set SCR-177-B.

11-233-1 7 Sept. 44. Maintenance Parts List for Radio Set SCR-188-A.

11-235-1 31 May 44. Simplified Alignment Procedure and Test Equipment for Use with Radio Sets SCR-536-A, SCR-536-B, SCR-536-C, and SCR-536-D.

11-235-2 22 July 44. Camouflage Measures for Radio Set SCR-536-A, B, C, and D.

11-235-3 8 Aug. 44. Preventing Loss of Jumper Plug in Radio Set SCR-536.

11-235-4 11 Aug. 44. Instructions for Replacing Capacitors C25, C26, and C27, in Resistor-Capacitor Cup No. 8B-28531 of Radio Set SCR-536—(*), with Capacitors more Resistant to Moisture.

11-235-5 16 Sep. 44. Waterscaling Procedure for Radio Sets SCR-536-A, B, C, and D.

11-235-6 14 Nov. 44. Installation of New Type Antenna Insulator in Radio Set SCR-536-A, B, and C.

11-235-7 Nov. 44. Modification of Fiberboard Partition in Radio Sets SCR-536 A, B, C, D and E.

11-242-1 14 July 44. Packboard Transport for Radio Set SCR-300-A.

11-243-1 26 May 44. Moistureproofing and Fungiproofing Radio Set SCR-291-A.

11-243-2 15 Oct. 44. Supplementary Installation and Operating Instructions for Radio Set SCR-291-A.

*11-246-1 Dec. 44. Moistureproofing and Fungiproofing Radio Sets SCR-503-A, and SCR-503-B.

11-250-1 12 Oct. 44. Tube Shield for Tube VT-148 in Radio Set SCR-288.

11-273-1 8 Aug. 44. Moistureproofing and Fungiproofing Radio Set SCR-193-( ).

11-273-2 11 Aug. 44. Maintenance Parts List for Radio Sets SCR-193-D, E, G, H, J, K, KB, KW, L, M, P, Q, R, S, and T.

*11-275 24 Jan. 44. Radio Set SCR-284-A.

11-275-1 5 April 44. Battery BA-43, Used With Radio Set SCR-284-A.

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11-275-2 19 July 44. Preliminary Instructions: Preventive Maintenance, Radio Set SCR-284-A.

11-275-3 18 Aug. 44. Servicing of Keying Relay 1-E-1 in Radio Receiver and Transmitter BC-654-A (Part of Radio Set SCR-284-A). C1.

11-275-4 1 Sept. 44. Conductor Breakage In Laced Cable of Radio Set SCR-284-A.

11-275-5 18 Sept. 44. Schematic Diagram for Power Unit. PE-103-A.

11-275-6 29 Sept. 44. Revised Limit of Antenna Current for Radio Set SCR-284-A.

11-275-7 Dec. 44. Improved Type Circuit Breakers for Use with Power Unit PE-103-A.

11-280-1 14 July 44. Microphone T-50, Used with Radio Set SCR-299-A.

11-280-2 1 Sept. 44. Instructions for Modifying Ventilating Fan Circuit and for Suppressing Radio Interference Caused by Fan Motor in Radio Set SCR-299-A, B, C, and D.

11-281-1 13 Oct. 44. Changes in Receiver Disabling Circuits of Junction Box, JB-70-A, Radio Set SCR-399A and SCR-499-A.

11-281-2 25 Nov. 44. Replacement of Electrolytic Capacity in Speech Amplifier BC-614 E, Part of Radio Sets SCR-399-A and SCR-499-A.

11-300-1 15 April 44. Plan for Maintenance of Frequency Meter Sets SCR-211-(&) in Hands of Army Ground Forces.

11-302-1 10 July 44. Preliminary Instructions: Preventive Maintenance as Applied to Charging Set SCR-169.

11-302-2 10 Aug. 44. Instructions for Lubrication of Charging Set SCR-169.

11-312-1 3 Aug. 44. Moistureproofing and Fungiproofing Remote Control Equipment RC-47-A, B, C, D, and G.

11-333-3 Dec. 44. Maintenance of Ringer MC-131, Part of Telephone EE-8, EE-8-A, EE-8-B, and Telephone Box EE-91.

11-334-1 Jan. 45. Timing and Telephone Set ML-110: Moistureprofing and Fungiprofing and Procurement Information.

11-345-1 14 Sept. 44. Instructions for Installing Reinforcing Plate for Cabinet BE-70-A through BE-70-K.

11-348-1 23 June 44. Moistureproofing and Fungiproofing Telephone Repeaters EE-99-A, EE-99-T3, and EE-99-T5.

11-351-1 23 June 44. Moistureproofing and Fungiproofing Telegraph Sets TG-5, TG-5-A, and TG-5-B.

11-351-2 4 Nov. 44. Instruction for Use of Telegraph Set TG-5, TG-5-A, or TG-5-B, as Tone Keyer for Signal Corps Radio Sets.

11-352-1 Dec. 44. Replacement of Ribbon Reverse Mechanism in Printer TG-7-A and Teletypewriters TG-7-B and TG-37-B.

11-355-1 9 Aug. 44. Moistureproofing and Fungiproofing Telegraph Terminal CF-2-A (Carrier).

11-356-1 23 Oct. 44. Adjustment of Frequency Indicator, of Radio Teletype Terminal Equipment AN/FGC-1 and AN/FGC-1X.

11-358-1 3 Aug. 44. Operation of Circuits in Switchboard BD-100. *C 1.*

11-369-1 30 June 44. Spiral-Four Cable: Types of Aerial Construction at Different Span Lengths and Recommended Tension Method of Sagging.

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11–369–2 20 Nov. 44. Expedient Splice of Spiral-Four Cable.

11–374–1. 1 July 44. Instructions for Moistureproofing and Fungiproofing Tape Facsimile Equipment RC–58–B.

11–375B–1 19 Sept. 44. Maintenance Parts List for Facsimile Equipments RC–120–A and RC–120–B.

*11–379–1 Jan. 45. Moistureproofing and Fungiproofing and Lubrication of Test Set I–51.

11–380–1 20 June 44. Preventive Maintenance as Applied to Converter M–209 (Code).

11–380–2 28 Sept. 44. Message Keying Instructions for Converter M–209, M–209–A, M–209–B.

11–390–1 23 June 44. Moistureproofing and Fungiproofing Signal Lamp Equipment EE–80–A; Improvising Ground Connections for Key J–47.

11–392–1 Dec. 44. Instruction for Modification of Tripod LG–21, Component of Signal Lamp Equipment SE–11.

11–393–1 11 July 44. Maintenance Parts List for Visual Identification Equipments AN/VVX–1 and AN/VVX-IX.

11–410–1 15 May 44. Pigeon Crate PG–49 and Pigeon Cage PG–50.

11–423–1 7 July 44. Wiring Harness for Theodolites ML–47–E Through ML–47–R.

11–430–1 21 Sept. 44. Maintenance of Batteries in Non-temperate Areas.

11–434F–1 16 Aug. 44. Maintenance Parts List for Spotting Set PH–32–C and Spotting Set PH–32–F.

11–435–1 16 May 44. Moistureproofing and Fungiproofing Public Address Equipment PA–4–C.

11–438–1 17 Aug. 44. Maintenance Parts List for Operations Center AN/TTQ–1.

*11–443–1 Jan. 45. Moistureproofing and Fungiproofing Keyer TB–34–A.

11–444–1. 24 Aug. 44. Moistureproofing and Fungiproofing Sound Ranging Set GR–3–C.

11–453–1 26 July 44. Shop Work.

*11–466–1 30 Oct. 44. Text Instructional Aids for TM 11–466.

*11–467–1 11 Sept. 44.[1] Text Instructional Aids for TM 11–467.*

11–499–1 1 Sept. 44. Basic Radio Propagation Predictions for December, 1944.

11–499–2 1 Oct. 44. Basic Radio Propagation Predictions for January, 1945.

11–499–3 1 Nov. 44. Basic Radio Propagation Predictions for February 1945.

11–499–4 1 Dec. 44. Basic Radio Propagation Predictions for March 1945.

*11–499–5 1 Jan. 45. Basic Radio Propagation Predictions for April 1945.

11–600–1 7 April 44. Standard Methods of Installing Antenna A–62 (Phantom) on Mounting FT–237–A, FT–237–C, and FT–237–D of Radio Sets SCR–508–A, SCR–508–C, and SCR–508–D, or SCR–528–A, SCR–528–C and SCR–528–D.

11–600–2 14 July 44. Preventive Maintenance as Applied to Radio Sets SCR–508–( ), and SCR–528–( ).

11–605–1 29 April 44. Moistureproofing and Fungiproofing of Radio Sets SCR–509–A, SCR–509–B, SCR–510–A, and SCR–510–B.

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11–605–2 4 May 44. Wire for Antenna Lead for Radio Sets SCR–510–A and SCR–510–B.

11–605–3 11 July 44. Preventive Maintenance as Applied to Radio Set SCR–510–( ).

11–605–4 7 Nov. 44. Antenna Stud Block Assembly and Other Improvements to Radio Sets SCR–510–A and SCR–510–B.

11–605–5 10 Nov. 44. Antenna Stud Block Assembly and other Improvements to Radio Sets SCR–509–A, and SCR–509–B.

11–615–1 15 April 44. Cover for Loudspeaker on Radio Sets SCR–609–A and SCR–610–A.

11–615–2 9 May 44. Wire for Antenna Lead for Radio Set SCR–610–A.

11–615–3 10 May 44. Moistureproofing and Fungiproofing Radio Sets SCR–609–A and SCR–610–A.

11–615–4 7 Nov. 44. Antenna Stud Block Assembly and Improvements to Radio Set SCR–610–A and SCR–610–B.

11–615–5 11 Nov. 44. Antenna Stud Block Assembly and Improvements to Radio Set SCR–609–A and SCR–609–B.

11–625–1 21 July 44. Preventive Maintenance as Applied to Radio Set SCR–543.

11–625–2 26 Aug. 44. Moistureproofing and Fungiproofing Radio Sets SCR–543–A, B, and C.

11–630–1 10 July 44. Preventive Maintenance as Applied to Radio Set SCR–506–A.

11–630–3 3 Aug. 44. Stowage of Antenna A–27 (Phantom), Used with Radio Set SCR–506–( ), In Transport and Combat Vehicles. *C 1.*

11–630–4 12 Aug. 44. Instructions for Adjusting Friction Brake On Tuning Control of Radio Receiver BC–652–A. Component of Radio Set SCR–506–A.

11–800–1 2 Aug. 44. Moistureproofing and Fungiproofing Radio Transmitter BC–191–( ).

11–850–1 3 Aug. 44. Moistureproofing and Fungiproofing Radio Receivers BC–312–( ), BC–314–( ), BC–342–( ), and BC–344–( ).

11–850–2 4 Sept. 44. Elimination of Defective Noise Suppression Circuit in Radio Receivers BC–312, BC–312–A, BC–312–C, BC–342, and BC–342–C.

11–850–3 15 Nov. 44. Improved Dial Light Control for Radio Receivers BC–312–L, M, N, and NX.

11–850–4 Dec. 44. Error in Circuit Label of Radio Receiver BC–312–N and BC–342N.

11–859–1 17 March 44. Removing Deposits from Indicator of Battery BB–54–A.

11–859–2 12 July 44. Preventive Maintenance, Radio Set SCR–593–A.

11–866–1 18 May 44. Know Your Super-Pro Receiver.

11–866–2 30 Oct. 44. Set Screws Used on Tuning Capacitor Dial Assemblies of Radio Receivers BC–794–A, BC–794–B, BC–779–A, BC–779–B, BC–1004–B, BC–1004–C, and BC–1004–D.

*11–866–3 Jan. 45. Moistureproofing and Fungiproofing Radio Receivers BC–779–A and B, BC–794–A and B, BC–1004–A, B, C, and D; Power Supply Units RA–74–A, B, and C, RA–84–A and B, and RA–94–A.

*11–900–1 Dec. 44. Replacement of Governor Throttle Link in Carburetor Assembly of Power Unit PE–75.

11–904–1 31 Oct. 44. Elimination of Carburetor Icing in Power Units PE–95–G and PE–95–H.

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11-904-2 7 Nov. 44. Interchangeable Maintenance Parts Signal Corps Power Unit PE-95-G and H, and Ordnance Department Truck, ¼-Ton, 4 x 4, Command Reconnaissance-Jeep.

11-904-3 14 Nov. 44. Instructions for Lubrication of Power Units PE-95-G and PE-95-H. *C 1.*

11-915-1 18 Nov. 44. Lubrication, Moistureproofing and Fungiproofing Instructions and Maintenance Parts List for Power Units PE-84, PE-84A, C and D.

11-925-1 15 Aug. 44. Moistureproofing and Fungiproofing Power Unit PE-185-A.

11-931-1 3 Nov. 44. Lubrication Order and Maintenance Parts List for Power Equipment PE-127-A.

11-935-1 24 Sept. 44. Maintenance Parts Lists for 1½-KVA Kohler Power Unit, Model 1M21-A.

11-954-1 27 May 44. Moistureproofing and Fungiproofing Rectifier RA-43-B.

11-959G-1 16 Oct. 44. Improved Mounting of Spare Tubes and Capacitors of Rectifiers RA-34-F and RA-34-G.

11-961-1 7 Sept. 44. Preheating of Thyratron Rectifier Tubes in Rectifier RA-34-H.

11-1033-1 25 Aug. 44. Installation of Coupling Kit 270-CU2 on Radio Sets SCR-270 and SCR-271-Equipped with Nonresonant Transmission Line System.

11-1033-2 31 Oct. 44. Radio Sets SCR-270 and SCR-271 Equipped with Nonresonant Transmission Line System, Installation of Coupling, MC-398-D.

*11-1048-1 4 Nov. 44.[1] Calibrator BC-725-A Maintenance Parts List.*

*11-1051-1 Jan. 45. Range Calibrators I-178 and I-178-A, Moistureproofing and Fungiproofing Treatment.

11-1062-1 30 Sept. 44. Trainer BC-968-A Maintenance Parts List.

11-1063-1 29 Sept. 44. Signal Generator I-126-( ) Maintenance Parts List.

11-1063-2 11 Nov. 44. Signal Generator I-126-( ) Moistureproofing and Fungiproofing.

11-1064-1 7 Nov. 44. Range Calibrator I-144, Maintenance Parts List.

11-1066-1. 13 July 44. Maintenance Parts List for Oscilloscopes BC-1233-A and BC-1233.

11-1105A-1 5 Aug. 44. Installation of Capacitor C-4 in Transmitter BC-717-A, Radio Set SCR-296-A.

11-1106B-1 8 Feb. 44. Instructions for Installation of Commercial Power Kit No. B68-P1.

*11-1114D-1 4 May 44[1]. Instructions for Installation of Data Transmission Kit B70-D3.*

11-1119-1 . 44. Miscellaneous Improvement Kit 527-MX4 on Radio Set SCR-527-A.

11-1119-2 13 June 44. Installation of Army Cable Rack Kit 527-CX1 for Radio Set SCR-527-A.

11-1119-3 14 June 44. Installation of Navy Cable Kit 527-CX2 for Radio Set SCR-527-A (For Use with Fruehauf Trailer Type K-72 Only).

11-1119-4 12 July 44. Power Supply Improvement Kit 527-PU3.

11-1119-5 22 July 44. PPI Oscilloscope Addition Kit 527-ID12.

11-1119-6 22 July 44. Instructions for Installation of Antenna Pedestal Improvement Kit SCR-527-AB4.

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11-1119-7 13 July 44. Brunton Pocket Transit Kit 527-TS3. Ref: TM 11-1119, Radio Set SCR-527-A.

11-1119-8 7 July 44. Motor Housing Repair of Transmitting Antenna Trailer, K-77-A for Radio Set SCR-527-A.

11-1119-9 11 Nov. 44. Radio Set SCR-527-A, Oscilloscope, BC-986-A, Cathode-Ray Tube 12GP7.

11-1122-1 7 March 44. Adjustment of Detector Sets SCR-625-A, SCR-625-B, SCR-625-C, SCR-625-D, SCR-625-E, Prior to Operation.

11-1122-2 27 April 44. Moistureproofing and Fungiproofing Detector Sets SCR-625-A, SCR-625-B, SCR-625-C, SRC-625-D, and SCR-625-E (Antitank Mine, Portable) and Detector, Antitank Mine, Portable, M-1.

11-1122-3 27 July 44. Precautions to be Observed Regarding Color Coding of Search Coil C-446-( ) Part of Detector Set SCR-625-( ).

11-1126-1 31 July 44. Installation of PPI Illumination Kit 602A-ID2 on PPI Oscilloscope BC-1083-A, a Component of Radio Sets SCR-602-T6 and SCR-602-A.

11-1126-2 9 June 44. Installation of PPI Deflection Coil Kit 602A-ID1 in Oscilloscope BC-1083-A, Components of Radio Sets SCR-602-T6 and SCR-602-A.

*11-1126-3 13 May 44[1]. Instructions for Replacing the High-Voltage Plate Transformer and Choke in Transmitters BC-1081-T6 and BC-1081-A, Components of Radio Sets SCR-602-T6 and SCR-602-A.*

*11-1126-4 5 July 44.[1] Installation and Operation of Preamplifier Kit 206A-R1 with Radio Sets SCR-602-A and SCR-602-T6.*

11-1126-5 9 Aug. 44. Instructions for Replacing Power Transformers of Receivers BC-1082-A and BC-1082-T6, Components of Radio Sets SCR-602-A and SCR-602-T6.

11-1126-6 21 Oct. 44. Installation of Engine Kit 602A-P2 on Power Unit PE-173.

*11-1127-1 12 May 44[1]. Receiver Oscillator and Test Oscillator Cavity Modification Kit 545-R6.*

*11-1127-2 25 May 44[1]. Radio Set SCR-545-A, Adjustment Procedures and Checks.*

*11-1127-3 14 June 44.[1] Installation and Operation of Crystal Converter Kit for Radio Receiver BC-1055-A (Track) in Radio Set SCR-545-A.*

11-1127-4. 12 Jul. 44. Instructions For Installation of Elevation Antibacklash Gear Kit 545-AS5 Drive On Radio Set SCR-545-A.

11-1127-5 21 Aug. 44. Installation of Remote Tuning Control Shield Kit 545-MX10 on Remote Tuning Control Unit of Radio Set SCR-545-A.

*11-1127-7 30 Sept. 44.[1] Radio Set SCR-545-A, Crystal Converter Kit 545-R8, Maintenance Parts List.*

*11-1128-1 27 Jul. 44[1]. Maintenance Parts List for Calibrator BC-726-A.*

11-1133-1 18 Oct. 44. Radio Equipment RC-192-A, Installation of Adapter Kit X192-MT1.

*11-1140A-1 20 Nov. 44. Beacon Transmitter-Receiver AN/PPN-1A, Instructions for Installation of Cable Extension Kit CG-204/PPN-1A.

11-1140A-2 10 Nov. 44. Beacon Transmitter Receiver AN/PPN-1A, Antenna Receptacle and Plug Preventive Maintenance.

11-1140-1 30 Sept. 44. Responder-Beacon-AN/PPN-1, Instructions for Installation of Cable Extension Kit CG-193/PPN-1.

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11-1148-1 31 Oct. 44. Range Calibrator I-146 Maintenance Parts List.

11-1151-1 17 Oct. 44. Maintenance of Detector Set AN/PRS-1.

11-1306-1 28 Oct. 44. Radio Set SCR-268-C, Shelters HO-18, HO-18A; Field Transit Racks.

11-1324-1 29 Mar. 44. Waterproofing Radio Set SCR-584 For Amphibious Operation.

11-1326-1 16 Nov. 44. Radio Sets SCR-602-T6 and SCR-602-A; Tent Floor Kit MC-568.

*11-1329-1 15 Apr. 44[1]. Instructions for Operation of Strobe Switch on Unit 16A after Installation of Modification Kit No. 588-B-R4.*

*11-1329-2 25 Jul. 44[1]. Instructions For Installation of Insulation Modification Kit 588-MX1 For Radio Sets SCR-588-A and B.*

*11-1329-3 26 Jul. 44[1]. Instructions For Installation of Mixer Stage Modification Kit 588-R7 On Radio Set SCR-588.*

*11-1329-4 24 Jun. 44[1]. Instructions for Installations of 6A-C7-6V6G Control Chassis Modification Kit 588B-R2 on Radio Set SCR-588.*

11-1329-7 20 Jul. 44. Instructions for Installation of Modulator Fan Modification Kit 588-MD3 On Radio Set SCR-588 (Research Enterprises LTD Kit No. 4214).

*11-1329-9 7 July 44.[1] Instruction for Installation of Preamplifier Modification Kit No. 588B-R3 on Radio Set SCR-588-B.*

11-1329-10 10 Aug. 44. Instructions for Installation of Azimuth Setting Modification Kit MC-566 on Radio Set SCR-588.

11-1329-12 29 Sept. 44. Radio Set, SCR-588, Power Unit PE-198-B, Instructions for Installation of Frequency Stability Improvement Kit 588-PUI.

11-1334-1 22 Sept. 44. Radio Equipment RC-215-A; Towers TR 48 and TR 49, Foundations and Guy Anchorage Details.

*11-1339-1 12 Nov. 44 Radio Set AN/TPS-2, Tent Floor Kit MX-278/TPS-2.

*11-1340-1 14 Nov. 44. Radio Set AN/TPS-3, Tent Floor Kit MX-280/TPS-3.

11-1346-1 20 Sept. 44. Radio Equipment RC-351-Tower TR-48, Foundation and Guy Anchorage Details.

*11-1347A-1 10 Nov. 44. Radio Sets AN/TPS-1A, Tent Floor Kit MX-281/TPS-1.

11-1405-1 6 Oct. 44. Radio Set SCR-296-A, Out of Service Maintenance.

11-1406-1 Nov. 44. Radio Sets SCR-268-B and C, Modification of Oscilloscopes BC-412-A and B, to extend Life of High-Voltage Transformer.

11-1424-1 24 Jun. 44. Method of Cleaning R-F Transmission Line in Radio Set SCR-584.

11-1424-2 16 Aug. 44. Moistureproofing and Fungiproofing Radio Set SCR-584.

11-1424-3 16 Oct. 44. Radio Set SCR-584, R-F Transmission Lines, Methods of Cleaning.

*11-1424-4 10 Nov. 44. Radio Set SCR-584, Gate Modification Kit MC-581, Moistureproofing and Fungiproofing.

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11-1426-1 11 Nov. 44. Radio Sets SCR-602-T6 and SCR-602-A; Transmitters BC-1081-T6 and BC-1081-A, and Power Supply Units PE-172-T6 and PE-172-A, Treatment of High-Voltage Transformers.

11-1426-2 11 Nov. 44. Radio Sets SCR-602-T6 and SCR-602-A, Transmitters, BC-1081-T6, BC-1081-A, Receiver BC-1082-T6 and BC-1082-A, Modification of Spark-Gap and Blower Motors and Replacement of High-Voltage Leads.

*11-1439-1 Dec. 44. Lubricating Instructions for Power Unit PU-9/TPS-2.

11-1505-1 28 Sept. 44. Radio Set SCR-296-A, Installation of Antenna Transmission-Line Harness Insulator Kit.

*11-1505-2 14 Oct. 44.[1] Radio Set SCR-296-A Installation and Operation of Automatic Gain Control Unit BC-1286-A Kit A96-R2.*

*11-1505-3 31 Oct. 44. Radio Set SCR-296-A; Range Unit BC-723-A, Installation of Range Aided Tracking and Range Data Transmitter Kit A96-U1.

11-1505-4 14 Nov. 44. Radio Set SCR-296-A, Compressor-Dehydrator Kit A96-A1, Instructions for Adjusting Spring in Automatic Pressure Control.

*11-1506-1 7 Oct. 44.[1] Radio Sets SCR-268-B, C, SCR-516, C,D,E; Instructions for Installation of Antijamming Filter.*

11-1506-2 Nov. 44. Radio Sets SCR-268, SCR-268-B and SCR-268-C; Replacement of Deficient Parts.

11-1519-1 31 Oct. 44. Radio Set SCR-527-A, Installation of Modification Kit MC-596.

11-1519-2 20 Nov. 44. Radio Set SCR-527-A; Receiver-Indicator Improvement Kits 527-J3 and 527-J4.

*11-1519-3 24 Nov. 44 Radio Set SCR-527-A, Rectifier RA-67-A, Installation of Rectifier Kit MC-605.

11-1520-1 3 Oct. 44. Radio Set SCR-627-A; Power Supply Unit RA-107-A, Variac Shield Kit MC-565.

11-1520-2 28 Nov. 44. Radio Set SCR-627-A, Chain Guide Kit MC-591.

*11-1524-1 19 April 44.[1] Procedure for Checking Operation of Azimuth Oil Pump.*

*11-1524-2 15 Jun. 44[1]. Procedure for Tuning Sweep Circuits of Radio Set SCR-584.*

*11-1524-3 15 Jun. 44[1]. Instructions for Installations and Removal of Magnetron Tubes of Radio Set SCR-584.*

*11-1524-4 21 Jun. 44[1]. Low Crystal Mixer Sensitivity of Radio Set SCR-584.*

11-1524-5 21 June 44. Instructions for Releasing Jammed Elevation Gear Trains of Radio Set SCR-584.

*11-1524-6 21 Jun. 44[1]. Instructions For Aging Magnetrons With Radio Set SCR-584.*

11-1524-7 1 Jul. 44. Painting Antenna Bowl of Radio Set SCR-584.

11-1524-8 15 Sept. 44. Radio Set SCR-584-B; Range Indicator BC-1088-B, Installation of Motor Guard.

11-1524-10 23 Aug. 44. Break-Down of Driver Output Transformer T-105 of Driver Unit BC-1080 In Radio Sets SCR-584-A and SCR-584-B.

*11-1524-11 20 Sept. 44.[1] Radio Sets SCR-584-A and SCR-584-B; Gate Modification Kit MC-581.*

*11-1524-12 9 Sept. 44.[1] Radio Set SCR-584, Maintenance Parts List.*

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11-1524-13 12 Sep. 44. Radio Set SCR-584, Instructions for Installation of Blower Motor in Place of Blower BL-202.

*11-1524-15 13 Nov. 44. Radio Set SCR-584, Remote Data Indicator Kit MC-546.

*11-1524-16 14 Oct. 44.[1] Radio Set SCR-584, Field Report of Operation Against Window.*

*11-1524-17 8 Dec. 44. Radio Set SCR-584, Instructions for Installing Coupling Modification Kit MC-577.

11-1524-18 Dec. 44. Radio Set SCR-584 Plan Position Unit BC-1058-( ) Installation of Range Marker Switch.

11-1525-14 4 Oct. 44. Radio Set SCR-584, Field Service Information.

11-1526-1 27 Sept. 44. Radio Sets SCR-602-T6 and SCR-602-A; Control Panels BD-122-T6 and BD-122-A, Installation of Voltage Regulator Kit 602A-P1.

*11-1526-2 20 Dec. 44. Radio Sets SCR-602-T6 and SCR-602-A, Power Supply Unit PE-172, Installation of Replacement Power Transformer.

11-1527-1 Dec. 44. Radio Set SCR-545-A, Pedestal FT-395-A Pinning Azimuth Potentiometer to Drive shaft.

11-1539-1 7 Dec. 44. Radio Set AN/TPS-2; Plotting Board MX-27/TP.

11-1539-2 Dec. 44. Maintenance Parts List For Power Unit PU-9/TPS-2.

*11-1540-3 Dec. 44. Radio Set AN/TPS-3 Installation and Operation of Antenna Assembly AS-202/TPS-3.

*11-1541-1 12 Oct. 44.[1] Radio Sets SCR-615-T1 and SCR-615-A; Summary of Improvements and Recommended Changes.*

11-1542-1 23 Oct. 44. Radio Set SCR-636, Modulator Unit No. 32, Triggatron Modification Kit.

*11-1547A-1 4 Dec. 44. Radio Set AN/TPS-1A, Indicator Unit ID-16/TPS-1A, Transformer Kit MX-265/TPS-1A.

*11-1547A-2 29 Nov. 44. Radio Set AN/TPS-1A, Indicator Unit ID-16/TPS-1A, Installation of Indicator Improvement Kit MX-351/TPS-1.

*11-1547A-3 28 Nov. 44. Radio Set AN/TPS-IA, Indicator Unit ID-16/TPS-LA, Indicator Improvement Kit MX-350/TPS-1.

*11-1547A-4 28 Nov. 44. Radio Set AN/TPS-IA, Indicator Unit ID-16/TPS-IA, Installation of Indicator Improvement Kit MX-349/TPS-1.

*11-1547A-5 27 Nov. 44. Radio Set AN/TPS-IA, Indicator Unit ID-16/TPS-1A, Installation of Indicator Improvement Kit MX-352/TPS-1.

*11-1570-1 8 Dec. 44. Radio Sets SCR-270-( ) and SCR-271-( ), Receiver-Indicator BC-1239-A, Installation of Terminal Board Kit PN-47.

*11-1570-2 28 Sept. 44. Radio Sets SCR-270-BB, -CB, -DA, and -EA; Ventilation Equipment Kit 270-MX2.

*11-2001-1 Jan. 45. Complete 100-Mile Spiral-Four Carrier System.

11-2002-1 16 Oct. 44. Maintenance Parts List for Substitute Central Office Equipment.

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11-2004-1 18 Jul. 44. Moistureproofing and Fungiproofing Repeater TG-30 (Terminal).

11-2005-1 3 Jul. 44. Moistureproofing and Fungiproofing Repeater TG-31 (intermediate).

11-2020-1 7 Nov. 44. Maintenance Parts List For Line Terminating and Simplex Panel Packaged Equipment.

11-2021-1 10 Nov. 44. Maintenance Parts List For Voice-Frequency Ringer Packaged Equipment.

11-2250-1 24 Jun. 44. Instructions for Replacing Broken Cranks on Reel RL-39.

11-2254-1 14 Oct. 44. Moistureproofing and Fungiproofing Instructions for Reel Assembly RL-106/VI.

11-2400-1 7 Apr. 44. Improved Procedures for Using Generator M1-185-A Hydrogen).

11-2403-1 5 Apr. 44. Repair of Defective Radiosondes.

11-2403-2 27 Sep. 44. Tropicalization of Radiosonde Receptor AN/FMQ-1.

11-2405-1 18 May 44. Storage and Use of Neoprene Meteorological Balloons.

11-2414-1 9 Oct. 44. Additional Information and Maintenance Parts List for Selsyn Type Wind Indicating and Recording Equipment.

*11-2501-1 Dec. 44. Installation of Frequency Meter and A-C Voltmeter in Test Set I-209-B.

11-2511-1 8 Sep. 44. Maintenance Parts List for Portable Recorder.

11-2512-1 8 Sep. 44. Maintenance Parts List for Transcriber Double Tone-band.

*11-2520-1 Dec. 44. Moistureproofing and Fungiproofing and other Maintenance Information for Dual Channel Amplifier AM-43/FRC.
*BC-403-C, BC-403-D. C1.*

11-2601 20 Dec. 43. Radio Set AN/TRC-1 and 1A, Radio Terminal Set AN/TRC-3, Radio Relay Set AN/TRC-4 and 4A, and Amplifier Equipment AN/TRA-1. *C1.*

11-2611-1 25 Oct. 44. Maintenance Parts List For Antenna Kit For Rhombic Receiving Antenna.

11-2623-1 11 Nov. 44. Frequency Meter BC-906-E, Moistureproofing and Fungiproofing Instructions.

SIG 2 15 Dec. 43. Think Next Time.

SIG 4 14 Jan. 44. Methods for Improving the Effectiveness of Jungle Radio Communication.

SIG 5 20 Jan. 44. Defense against Radio Jamming.

*SIG 7 18 Feb. 44[1]. Revised Nomenclature for Radio Sets SCR-270-( ) and SCR-271-( ).*

*SIG 8 30 Mar. 44[1]. Installation Compensated Hartley Oscillator Kit 270B-08 on Oscilloscopes BC-403-B, BC-403-C, BC-403-D. C 1.*

*SIG 10 15 July 44[1]. Preamplifier Conversion Kit 270B-R2.*

*SIG 11 7 Mar. 44[1]. Discriminator BC-1195.*

*SIG 12 10 Jun. 44[1]. Dual Baseline Kit Number B 70-01.*

SIG 13 7 Mar. 44. Moistureproofing and Fungiproofing Signal Corps Equipment.

SIG 15 10 Mar. 44. Repair of Flashlights.

*SIG 16 15 March 44. Radar Anti-jamming.

SIG 17 4 Apr. 44. Instructions for Installation of Data Transmitter Kit C-70-D1.

SIG 18 27 Mar. 44. Summary of Signal Corps Power Units.

*SIG 19 31 Mar. 44[1]. Application Teletypewriter and Automatic Ciphering Equipment to Fixed Radio and Wire Circuits.*

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| *SIG 20* | *28 Mar. 44[1]. Instructions for Installation of Data Transmissions Kit 71-D1.* |
| SIG 21 | 4 Apr. 44. Installation of Loudspeaker LS-3; Used with Radio Sets of the SCR-193 and SCR-506 Series: In Transport and Combat Vehicles. |
| SIG 23 | 11 Apr. 44. Rustproofing of Engines. |
| SIG 24 | 17 Apr. 44. Inspection Procedure for Repaired Electrical Indicating Instruments. |
| SIG 25 | 19 Apr. 44. Preventive Maintenance of Power Cords. |
| *SIG 26* | *18 Apr. 44[1]. Publication on Radar.* |
| SIG 28 | 21 Apr. 44. Instructions for Treatment of Teletypewriter Paper Rolls. |
| SIG 29 | 21 Apr. 44. Impedance Unbalance Tests for Coils C-161 and C-288. |
| *SIG 30* | *20 Apr. 44[1]. Check of Azimuth Accuracy of Antenna AN-154-A.* |
| *SIG 31* | *28 Apr. 44[1]. Instructions for Installation of Antenna Connector Kit PPN-AT3.* |
| SIG 32 | 26 Apr. 44. Trouble Caused by Excessive Movement of Radio Set SCR-608-A and -B, SCR-628-A and-B, SCR-508-A, -B and -C, and SCR-528-A, -B, and -C, Mounted on Frame FM-43, When Installed in Scout Car, M3A1. |
| SIG 33 | 27 Apr. 44. Installation Instructions for Vehicular Radio Sets. |
| SIG 34 | 27 Apr. 44. Interchange of Junction Boxes SS and MM for Radio Set SCR-545-A. |
| SIG 35 | 12 May 44. Moistureproofing and Fungiproofing Radio Set SCR-602-T8 (AN/TPS-3). |
| SIG 36 | 14 May 44. Use and Operation of Psychrometer Equipment ML 313/AM. *C 1.* |
| SIG 37 | 11 May 44. Grounding Requirements and Procedure Applicable to Wire Communication and Associated Electrical Apparatus. |
| SIG 39 | 10 Jun. 44. Installation of Adjustable Counterweight Kit 268-AS3 on Metal Antennas for Radio Sets SCR-268 and SCR-268-B. |
| SIG 40 | 10 Jun. 44. Installation of Canvas Cover Kit 268-CW1 on Transmitters BC-407-A and BC-677 of Radio Sets SCR-268, SCR-268-B, and SCR-268-C. |
| SIG 41 | 16 May 44. Battery BA-38-R. |
| SIG 42 | 44. Instructions for Installations of Reactor Bracing Kit 268-PP3 for Rectifier RA-38 on Radio Sets SCR-268, SCR-268-B, or SCR-268-C. |
| SIG 43 | 44. Instructions for Installation of Improved Snap Hooks on Radio Set SCR-268. |
| SIG 44 | 26 May 44. Maintenance of Spiral Four and Tactical Open Wire Carrier Equipment. |
| SIG 45 | 25 May 44. Vehicular Antenna Systems, for Radio Sets SCR-510-A, SCR-510-B, and SCR-610-A. |
| SIG 46 | 44. Installation of Blackout Jewel Kit 268-MD1 on Keying Unit BC-409-A and Modulator Unit BC-435-A For Radio Set SCR-268-C. |
| SIG 47 | 1 Jun. 44. Installation of Oscilloscope Improvement Kit 268-04. |
| SIG 48 | 7 Jun. 44. Mounting Blocks Kit X145-V8. |
| SIG 49 | 9 Jun. 44. Elimination of Moisture Seeping into Boston Flange Cartridge in Radio Set SCR-268. |

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| SIG 50 | 12 Jun. 44. Maintaining Telephone Communication Under Gas Conditions. |
| SIG 51 | 12 Jun. 44. Tactical Call Words. |
| SIG 52 | 12 Jun. 44. Connection and Line-up Procedure For Switchboard BD-100 Inter-Connected With Other Teletypewriter Equipment By Wire Lines and By Carrier Telegraph Equipment. |
| SIG 53 | 13 Jun. 44. Connection of Plug On IFF Cable 101-C To Oscilloscope BC-142-A For Radio Set SCR-268. |
| SIG 54 | 13 Jun. 44. Working Through Jamming with Frequency Modulated Radio Sets. |
| SIG 55 | 26 Jun. 44. Preventive Maintenance Services on Gasoline and Diesel Engine Components of Power Units used by the Signal Corps. |
| *SIG 56* | *15 Aug. 44[1]. Instructions for Installation of Matching Network Kit 271-CU1 on Radio Sets SCR-271-AC, SCR-271-DA, SCR-271-BB, & Associated Radio Sets.* |
| SIG 57 | 11 Oct. 44. Instructions for Installation of Matching Network Kit 270-CU1 On Radio Sets SCR-270-BB, SCR-270-DA, SCR-270-CB, and SCR-270-EA. *C 1.* |
| SIG 58 | 30 Jun. 44. Installation of Transtat Coil & Core Assembly on Rectifier RA-38, Radio Set SCR-268-( ). |
| SIG 59 | 14 Jul. 44. Instructions For Installation of Mycalex Plate (A-7A-1647-1) On Antenna AN-128-A (Used with Radio Equipment RC-148). |
| SIG 60 | 24 Nov. 44. Radio Set SCR-270-BB,-DA: Air Conditioner MX-31A/MP and Radio Set SCR-527-A and SCR-627-A; Air Conditioner MX-31B/MP. |
| SIG 61 | 10 Jul. 44. Uses of Adapter Plug U-4/GT. |
| SIG 62 | 15 Jun. 44. Classification of Radio Traffic. |
| SIG 63 | 14 Jul. 44. Warning Notice for Radar. |
| SIG 64 | 29 Jul. 44. Expedient Means of Determining Power-Supply Frequency in the Field Using Teletypewriter Line Unit BE-77-A or BE-77-B. |
| SIG 66 | 2 Aug. 44. Winter Maintenance of Signal Equipment. |
| SIG 67 | 2 Aug. 44. Laying Field Cable Under Water. |
| SIG 68 | 3 Aug. 44. Installation of Blackout Kit 68-Q3 on Transmitter BC-407-A, Keying Unit BC-409-A, and Modulator BC-435-A and Radio Sets SCR-268 and SCR-268-B. |
| SIG 69 | 5 Aug. 44. Lubrication of Ground Signal Equipment. |
| SIG 70 | 8 Aug. 44. Installation of Radio Sets SCR-193-Q, SCR-506-( ), SCR-508-( ) or SCR-528-( ), SCR-608-( ), or SCR-628-( ), SCR-510-( ), SCR-610-( ), and Facsimile Equipment RC-58-( ) In Truck, ½-Ton, 4x4, Command (Radio) (12-Volt). |
| SIG 71 | 9 Aug. 44. Moistureproofing and Fungiproofing Rectifiers RA-34-A, B, C, D, E, F, and H. |
| SIG 72 | 9 Aug. 44. Tropical Maintenance of Ground Signal Equipment. |
| SIG 73 | 11 Aug. 44. Open-Wire Transpositions. |
| SIG 74 | 21 Aug. 44. Miscellaneous Improvement Kit 527-MX11. |
| SIG 75 | 8 Aug. 44. Desert Maintenance of Ground Signal Equipment. |
| SIG 76 | 11 Aug. 44. Improved Psychrometric Measurements With Psychrometers ML-24 and ML-224. |

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SIG 77 8 Aug. 44. Instructions for Installation of Adapter Kit MX-257/TPS-3 for Radio Set AN/TPS-3.

SIG 78 11 Aug. 44. Instructions For Initial Line-Up and Check Of Levels In Standard Multi-Channel Radio Communication System.

SIG 79 10 Aug. 44. Instructions for Replacing Broken Glass in Meters with Plastic Material.

*SIG 80 2 Oct. 44.*[1] *Radio Sets SCR-270 and SCR-271, Equipped with Console Conversion, Receiver BC-1232, Discriminator BC-1270 and Modified I-F Chassis Kit 270-ID4.*

SIG 81 15 Aug. 44. Authority For Use of Radio Channels.

SIG 82 1 Oct. 44. Radio Set SCR-268-( ); Trailer Mount K-28-( ), Installation of Inspection Plate Kit 268-V5.

SIG 83 17 Aug. 44. Testing Connections of Cables L-1 and L-2 in Console Conversion Kits B70-C1 and D71-C1.

SIG 85 28 Aug. 44. Care and Maintenance of Pole Climbing Equipment.

SIG 86 18 Aug. 44. Information on Use and Operation of Tube WL-530 and Tuning Procedure for Radio Sets SCR-270-( ) and SCR-271-( ).

SIG 87 26 Aug. 44. Radio Set SCR-628-A; Installation of Azimuth Index Kit 682-ID7.

SIG 89 28 Aug. 44. Instructions For Charging Battery BB-210/U.

SIG 90 28 Aug. 44. Instructions For Charging Battery BB-54-A.

SIG 91 1 Sep. 44. Instructions for Installation of Range Improvement Kit 268-ID6 on Radio Set SCR-268-C.

SIG 92 6 Sep. 44. Radio Set SCR-682-A; Synchroscope 1-212; Synchroscope Slow-Sweep Jack Kit 682-TS2.

SIG 93 18 Sep. 44. Radio Equipments RC-215-A & RC-351; Installation of Telescope Bracket Kit MC-588.

SIG 94 4 Sep. 44. Tube Test Data for Precision Tube Checker Series 910, 912, 914, 915, 920, 922, 954.

SIG 95 10 Oct. 44. Radio Set AN/TPS-2, Installation of Adapter Kit MX-268/TPS-2. *C 1.*

SIG 96 5 Sep. 44. Repair Instructions for Field and Long Range Tactical Wire.

SIG 97 12 Sep. 44. Accessory Equipment for Field Wire Construction Truck.

SIG 98 11 Sep. 44. Replacement of Governor Adjusting Spring in Power Units PE-198-B and PE-198-C.

SIG 99 13 Sep. 44. Preventive Maintenance for Briggs and Stratton, Wisconsin, and Jacobsen Engines (Air Cooled).

SIG 100 28 Sep. 44. Maintenance of Cocks ML-56 and ML-201-A.

SIG 101 24 Sep. 44. Long-Range Tactical Wire W-143.

SIG 102 5 Oct. 44. Maintenance of Electric Organs In Army Chapels in Continental United States, Alaska, Panama Canal Zone, Puerto Rico and Hawaii.

SIG 103 10 Oct. 44. Nomenclature Designations in Signal Corps Publications. *C 1.*

SIG 104 17 Oct. 44. Lubricating and Moistureproofing and Fungiproofing Instructions and Maintenance Parts List For Power Units PE-108-A Through PE-108-E.

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SIG 105 15 Oct. 44. Radio Equipments RC-127-A, RC-145-A, RC-184; Antenna AN-154-A; Instructions for Providing Satisfactory Weather Protection.

SIG 106 21 Oct. 44. Radio Sets SCR-270-( ) and SCR-271-( ) Nomenclature and Index to Literature.

SIG 107 21 Oct. 44. Maintenance Parts List For Psychrometers ML-24 and ML-224.

SIG 108 9 Nov. 44. Radio Set AN/TPS-2, Installation of Adapter Kit MX-328/TPS-2.

SIG 109 16 Nov. 44. Headset H-16/U.

SIG 110 20 Oct. 44. Plotting Equipment ME-78.

SIG 111 23 Oct. 44. Replacement of Limited Standard Power Unit PU-8/TTQ-1 with Power Unit PE-197.

SIG 112 24 Oct. 44. Converting Ordnance Small Arms Repair Truck to Basic Signal Corps Repair Truck.

*SIG 113 Nov. 44. Test and Calibration of Radio Direction Finders for Site and Instrumental Errors.

*SIG 114 26 Dec. 44. Radio Sets SCR-545-A and SCR-584, Installation of Remote Data Indicator Kit MC-544.

SIG 115 2 Nov. 44. Silica Gel Contained in Radio Sets SCR-509-A and B, SCR-510-A and B, SCR-609-A and B, SCR-610-A and B.

SIG 116 4 Nov. 44. Provisions for Dual Belt Drive of Power Units PE-74 and PE-84.

SIG 117 6 Nov. 44. Radio Sets AN/TPS-1, AN/TPS-1A, AN/TPS-1A, AN/TPS-3, SCR-602-T6, and SCR-602-A, Plotting Board MX-26/TP.

SIG 118 11 Nov. 44. Digest of Field Reports for Ground Signal Equipment.

SIG 119 8 Nov. 44. Radio Equipments RC-145-A, RC-184, RC-182-A, and RC-282-A, Operation in High-Density Areas with reduced power and narrow Antenna Beam width.

SIG 120 14 Nov. 44. Instructions for Blackout Adapter M-374 and Filter M-384 for Flashlight TL-122, A, B, C, and D.

SIG 121 11 Nov. 44. Instructions for Tying and Use of Weave Tie for Field Wires and Cables.

SIG 122 11 Nov. 44. Adapter M-418, Part of Test Set I-56-A, C, D, E, H, J, and L and Tube Tester I-177.

*SIG 123 11 Nov. 44. Preventive Maintenance Practices for Ground Signal Equipment.

SIG 124 11 Nov. 44. Starting Procedure for Power Unit PE-85.

SIG 125 14 Nov. 44. Interchangeability of Armatures of Power Units PE-108-A, B, C, D, and E.

SIG 126 17 Nov. 44. Radio Sets SCR-270-(*) and SCR-271-(*), Oscilloscopes BC-403-(*), Replacing Filter Resistors in High-Voltage Power Unit.

SIG 128 17 Nov. 44. Emergency Use of Telephone Repeater EE-99-A as Substitute for Repeater CF-3-A (Carrier), and as Four-Wire Repeater on Cable Facilities.

SIG 129 18 Nov. 44. Chest Sets.

*SIG 130 20 Nov. 44. Radio Sets SCR-270-(*) and SCR-271-(*), Keying Unit BC-758-A, Relocation of High-Voltage Capacitor.

*SIG 131 25 Nov. 44. Radio Set SCR-270-(*), SCR-271-(*); Receiver-Indicator BC-1239-A; Installation of Console Illumination Kit 270-ID3.

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*SIG 132* *13 Nov. 44.*[1] *Digest of Field Reports for Ground Radar Equipment. C 1, 2.*

SIG 133 Nov. 44. Emergency Fuel Tank Support Modification on Power Units PE–74 and PE–84.

SIG 134 Nov. 44. Dynamotor Limited Repairs and Replacement Plan.

SIG 135 Nov. 44. Watersealing Mast Bases MP–48 and MP–48–A.

SIG 137 Nov. 44. Plan for Disposition of Sealed Transmitter and Receiver Units of Microphones, Telephone Transmitters, and Receivers.

SIG 138 Nov. 14. Construction of Separator Ring for Type CR Collapsible Power Reel.

SIG 139 Dec. 44. Replacement for Main Bearings in Power Unit PE–198, Part of Radio Set SCR–588.

SIG 140 Dec. 44. Waterproofing Interphone Equipment RC–99 Installed in Carriage, Motor, 76-mm Gun M18 (T70).

*SIG 143 Dec. 44. Installation Instructions for Vehicular Radio Sets.

*SIG 148 Dec. 44. Plan for Maintenance of Photographic and Projector Equipment used by Army Ground Forces and Army Service Forces.

*SIG 151 Jan. 45. Tube Puller TL–201 for use with Radio Sets SCR–694–C and AN/TRC–2.

*SIG 152 Jan. 45. Instructions for Installation and use of Test Set I–209–A and B for Monitoring Power Unit Used with Radiosonde Receptor AN/FMQ–1.

*SIG 153 Jan. 45. Transformer TF–13.

*SIG 154 Jan. 45. General Standards for Vehicular Antenna Installations.

*SIG 155 Jan. 45. Headset–Microphone Assembly AN/URA–1.

SIG E2 28 Jan. 44. German Radio Set Torn. Fu. d2.

SIG E3 10 Feb. 44. German Radio Set, Torn. E. b.

SIG E4 25 Feb. 44. German Radio Receiver, Spez 445b Bs.

SIG E5 8 Mar. 44. German Radio Transmitters and 10 W. S.c and 10 W. S.h. and German Radio Receivers U k w. E.e and Ukw. E. h.

SIG E7 17 Mar. 44. German Radio Set Fusprech. a.

SIG E8 29 Mar. 44. German Radio Transmitters 20 W.S. c and 20 W.S.d.

SIG E9 10 Apr. 44. German Radio Transmitter 100 W.S.

SIG E10 15 Apr. 44. German Radio Transmitter 80 W. S. a.

SIG E11 10 May 44. German Radio Transmitter 30 W. S. a.

SIG E12 15 May 44. German Radio Sets Feldfu. b and Feldfu. c.

SIG E13 25 May 44. German Radio Set SE 469 A.

SIG E14 5 Jun. 44. German Radio Receiver Kw. E.A.

SIG E15 26 Jun. 44. Description and Use of Captured Enemy Field Wire and Cable.

SIG E16 12 Aug. 44. German Radio Set Torn. Fu. g.

SIG E17 25 Oct. 44. Japanese Radio Set, Model 94 Mark 6 Wireless Set Mark 23 Type H. Transmitter.

SIG E18 8 Nov. 44. Japanese Radio Set, Model 97 Light Wireless Set.

*SIG E19 6 Dec. 44. Japanese Radio Set Model 94 Mark 5 Wireless Set Mark 32 Type Transmitter Mark 32 Type Receiver.

*SIG E20 Dec. 44. Power Supplies for German Radio Sets.

| NUMBER | DATE, TITLE AND CHANGES |
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**TRANSPORTATION**

TM

55–270–1 27 Jul. 44. Transportation Corps General Instructions for Operation and Care of Locomotives and Locomotive Cranes.

55–270–2 8 Aug. 44. Feedwater Treatment and Wash-Out Procedure for Locomotive and Locomotive Crane Boilers.

55–270–3 24 Aug. 44. Echelon Maintenance Schedule For Locomotives and Locomotive Cranes In Zone of Interior and Contiguous Departments and Commands.

55–270–4 23 Aug. 44. Preventive Maintenance Schedule For Internal Combustion Locomotives and Locomotive Cranes.

55–275–1 1 Apr. 44. Standard Plans Roadway. Track, and Structures.

55–285–2 24 Aug. 44. Detailed Instructions For First and Third Echelon Maintenance of Hospital Cars in Zone of Interior.

TC1 29 Jan. 44. Feedwater Treatment for Locomotive and Locomotive-Crane Boilers.

TC2 18 Apr. 44. Boiler Wash-out Procedure.

## 31. TECHNICAL MANUALS. (For description see par. 9)

| NUMBER | DATE, TITLE AND CHANGES |
|---|---|

**AIR**

TM

1–205 25 Nov. 40. Air Navigation. *C 1.*

1–206 4 Mar. 41. Celestial Air Navigation. *C 1.*

1–208 5 Jun. 42. Air Navigation Tables. *C 1.*

1–219 1 Jul. 41. Basic Photography. *C 1.*

1–220 26 Nov. 42. Aerial Photography. *C 1.*

1–230 27 May 40. Weather Manual For Pilots.

1–231 10 Feb. 43. Elementary Weather for Air Crew Trainees.

1–232 22 Apr. 42. Basic Weather for Pilot Trainees. *C 1.*

1–233 30 Dec. 43. Elementary Physics for Air Crew Trainees.

1–235 29 Jun. 42. The Weather Observer. *43 Supp.*

1–240 17 Jan. 44. Arctic Manual.

1–250 15 Jan. 43. Precision Bombing Practice. *C 1, 2, 3, 4, 5.*

1–251 31 Mar. 41. Handbook for Bombardiers.

1–252 20 Jul. 43. Bombing Aids.

1–260 14 Dec. 42. Dive Bombing.

1–270 7 May 42. Aerial Gunnery Practice and Record Firing. *C 1, 2.*

1–273 15 Dec. 42. Fixed Aerial and Ground Gunnery (tentative).

1–282 27 Feb. 43. Tactics and Technique of Air Chemical Spraying. *C 1, 2, 3.*

1–305 25 Apr. 40. Theory of Ballooning.

1–315 1 Oct. 40. Hydrogen.

1–320 11 Feb. 41. Airship Aerodynamics.

1–325 1 Oct. 40. Aerostatics.

*1–350* *4 Jan. 44*[1]. *Height Finding with the SCR–527–A.*

[1]This Technical Manual is distributed only to interested headquarters and to individuals whose duties require that they have it. This Technical Manual must be safeguarded in accordance with provisions of AR 380–5.

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## AIR—Continued

TM

1-400 24 Feb. 44. Theory of Flight. *C 1, 2.*

1-404 30 Dec. 43. Turbosupercharger and Airplane Power Plant.

1-405 9 Dec. 41. Aircraft Engines.

1-406 16 Apr. 42. Aircraft Electrical Systems.

1-407 22 Feb. 44. Aircraft Induction Fuel and Oil Systems.

1-408 16 Mar. 44. Aircraft Power Plant Operation.

1-409 30 Jul. 41. Aircraft Armament and Pyrotechnics.

1-410 15 Sep. 43. Airplane Structures.

1-411 8 May 44. Airplane Hydraulic Systems.

1-412 5 Jan. 44. Aircraft Propellers. *C 1.*

1-413 2 Feb. 42. Aircraft Instruments.

1-414 22 Dec. 42. Aircraft Woodwork.

1-415 17 Aug. 43. Airplane Inspection Guide.

1-416 22 Mar. 44. Miscellaneous Aircraft Equipment. *C 1.*

1-417 16 Sep. 44. Aircraft Fabric Work and Application of Finishes.

1-420 29 Nov. 40. Lathes. *C 1.*

1-421 20 Apr. 42. Milling Machines, Shapers, and Planers.

1-422 26 Nov. 40. Grinding Machines. *C 1.*

1-423 10 Sep. 41. Heat Treating And Inspection of Metals. *C 1, 2.*

1-424 11 Jun. 42. Aircraft Hardware and Materials.

1-430 24 Apr. 42. Welding. *C 1.*

1-435 10 Feb. 41. Aircraft Sheet Metal Work. *C 1.*

1-440 10 Jan. 41. Parachutes, Aircraft Fabrics and Clothing. *C 1, 2.*

1-455 10 Aug. 44. Electrical Fundamentals.

1-460 20 Mar. 43. Radiotelephone Procedure.

1-465 2 Dec. 41. Airground Communication.

1-470 1 May 42. Aircraft Radio Shop Practice.

1-472 3 Dec. 42. Radio Equipment.

1-490 21 May 42. Electrical Armament Controls.

1-495 11 Aug. 44. Harmonization of Aircraft Fixed Guns and Sights.

1-500 2 May 41. Bomb Racks, Tow Target Equipment, and Flare Racks.

1-505 1 Apr. 42. Aircraft Cameras (Machine Gun).

1-510 3 Mar. 43. Synchronizing.

1-705 25 Sep. 43. Physiological Aspects of Flying.

1-750 14 Sep. 43. Applied Physics for Airplane Mechanics.

1-800 15 Feb. 43. Basic Glider Training (tentative).

1-815 8 Apr. 43. Advanced Glider Training (tentative).

1-900 30 Sept. 43. Mathematics for Air Crew Trainees. *C 1, 2.*

1-1000 30 Sep. 43. Vocational Teaching.

1-1050 24 Mar. 43. Fundamentals of Mechanical Drawing.

1-1100 2 May 42. Shotgun and Skeet Shooting.

## CAVALRY

2-220 11 Mar. 41. The Horseshoer. *C 1.*

## CHEMICAL WARFARE

3-205 9 Oct. 41. The Gas Mask. *C 1, 2, 3, 4, 5.*

3-215 21 Apr. 42. Military Chemistry and Chemical Agents. *C 1.*

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TM

3-220 15 Nov. 43. Decontamination. *C 1.*

3-221 15 April. 43. Decontaminating Apparatus M3A1. *C 1, 2, 3, 4, 5.*

3-222 5 Feb. 44. Decontaminating Apparatus, M4, Skid Mount, Power Driven, 400-Gallon. *C 1, 2, 3, 4.*

3-223 26 Jul. 44. Decontaminating Apparatus, Power-Driven M3A2.

3-228 15 Aug. 44. Heater, Water, Portable, M1 and Other Auxiliary Equipment for Apparatus, Decontaminating, Power-Driven, M3A1, M3A2, and M4.

3-230 13 Nov. 42. Horse Gas Mask, M4 and M5.

3-240 17 Apr. 44. Chemical Warfare Weather Manual.

3-250 5 Dec. 40. Storage and Shipment of Dangerous Chemicals. *C 1, 2.*

3-255 30 Oct. 43. Chemical Handling and Loading Equipment. *C 1, 2,*

3-270 4 Feb. 44. Clothing Impregnating Plant M1.

*3-281 Installation-Operation Maintenance Instructions for T/O, Type M2 Impregnating Plant.

3-290 27 Mar. 44. Miscellaneous Gas Protective Equipment. *C 1, 2.*

3-300 1 Mar. 44. Miscellaneous Chemical Munitions.

3-305 2 Jun. 44. Use of Chemical Agents and Munitions In Training.

3-315 11 Feb. 42. Portable Chemical Cylinder M1A2. *C 1, 2.*

3-320 15 Oct. 42. 4.2-inch Chemical Mortar M1A1. *C 1, 2, 3, 4, 5.*

3-330 23 Mar. 42. Incendiary Bombs.

3-350 12 May 43. Gasproof Shelters.

3-375 May 43. Portable Flame Throwers M1 and M1A1. *C 1.*

*3-376 10 Dec. 43. Portable Flame Thrower, E2.

3-376A 16 May 44. Portable Flame Thrower M2-2.

3-377 7 Aug. 44. Compressor, Air, Gasoline Engine-Driven, 7CFM, M1.

3-380 12 May 43. Mechanical Smoke Generator M1 (100-Gallon).

3-381 15 Jun. 44. Smoke Generator, Mechanical, M2 (50 Gallon).

## COAST ARTILLERY

4-205 17 Feb. 40. Coast Artillery Ammunition. *C 1, 2.*

4-210 1 Mar. 40. Coast Artillery Weapons and Matériel. *C 1, 2, 3.*

4-220 27 Apr. 42. Controlled Submarine Mine Matériel. *C 1, 2.*

4-234 15 Mar. 43. Antiaircraft Artillery Target Practice. *C 1, 2, 3.*

4-235 1 Jan. 44. Seacoast Artillery Target Practice. *C 1.*

4-236 29 Sep. 42. Instructions for Use of Rocket Target M2 by Antiaircraft Units. *C 1, 2, 3.*

4-237 12 Jun. 44. Radio Controlled Target (JR) Boat.

4-238 25 Mar. 43. Coordinate Conversion Tables. *C 1.*

4-240 20 Dec. 42. Meteorology for Coast Artillery.

4-245 30 Jun. 41. Preservation and Care of Seacoast Defense Matériel.

*4-260 1 May 44[1]. Flak Analysis.*

[1]This Technical Manual is distributed only to interested headquarters and to individuals whose duties require that they have it. This Technical Manual must be safeguarded in accordance with provisions of AR 380-5.

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## COAST ARTILLERY—Continued

TM

4-305 10 Apr. 42. Fixed Seacoast Artillery First and Second Class Gunners.

4-310 27 Jan. 42. Coast Artillery Gunners' Instruction, Fixed Seacoast Artillery, Expert Gunners.

4-315 22 Jan. 42. Mobile Seacoast Artillery, First Second Class Gunners.

4-320 4 May 42. Mobile Seacoast Artillery Expert Gunners.

## ENGINEERS

5-225 12 Dec. 42. Rigging and Engineer Hand Tools. *C 1, 2.*

5-226 6 May 43. Carpentry. *C 1.*

5-228 6 Sep. 44. Engineer Foundry.

5-230 12 Nov. 40. Topographic Drafting.

5-235 1 Oct. 40. Surveying. *C 1.*

5-236 10 Jul. 40. Surveying Tables. *C 1, 2.*

5-240 10 May 44. Aerial Photography.

5-244 30 Jun. 43. Multiplex Mapping Equipment

5-245 Apr. 42. Map Reproduction.

5-246 31 Dec. 42. Interpretation of Aerial Photographs.

5-255 15 Apr. 44. Aviation Engineers.

5-265 25 Jul. 41. Protective Concealment for Seacoast Fortifications.

5-266 1 Feb. 43. Protective Concealment for Airfields and Other Fixed Installations.

5-267 1 May 43. Camouflage. *Supp. 1, 2, 3, 4, 5.*

5-271 27 Mar. 44. Light Stream-Crossing Equipage.

5-272 9 May 44. Steel Treadway Bridge, M2.

5-273 1 Jul. 42. 25-ton Ponton Bridge, Model 1940, and 10-ton Ponton Bridge Model 1938. *C 1, 2.*

5-274 18 Jun. 43. Portable Steel Highway Bridges H-10 and H-20.

5-275 19 Apr. 43. Pneumatic Ponton Bridge, M3.

5-276 19 Oct. 43. Ten-ton Trestle Bridge. *C 1.*

5-277 15 Sep. 43. Fixed Steel Panel Bridge Bailey Type. *C 1.*

5-278 30 Jun. 44. Outboard Motors.

5-279 31 Jan. 44. Suspension Bridges for Mountain Warfare.

5-280 Dec. 44. Construction in the Theater of Operations.

*5-285 21 Jun. 44. Semipermanent Steel Highway Bridges, 30-, 60-, and 90-ft. Spans.

5-295 42. Water Supply and Water Purification. *C 1, 2.*

5-296 1 Feb. 44. Ground Water Supply for Military Operations.

5-297 29 Nov. 43. Well Drilling.

5-310 14 Mar. 42. Military Protective Construction (Passive Defense Measures Against Aerial Attack).

5-315 23 Mar. 44. Fire Protection by Troop Organizations In Theaters of Operations.

5-316 17 Apr. 44. Airplane Crash Fire Fighting.

5-350 15 Nov. 43. Military Pipe Line Systems.

5-355 14 Jan. 44. Mobile Oxygen-nitrogen Generating Units.

5-362 Oct. 44. Engineer Port, Repair Ship.

5-371 14 Mar. 44. I-Beam Railway Bridge.

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TM

5-372 9 Nov. 43. (Tentative) Unit Construction Railway Bridge. *C 1.*

5-373 18 Aug. 44. Through Truss Railway Bridges.

5-374 1 Oct. 43. Unit Steel Trestle, Light Standard and Standard.

5-375 1 Apr. 44. Tentative (V-Type Steel Trestle Equipment).

5-475 1 Sep. 44. Military Diving.

‡5-500 Pump, Carver (Model 255).

‡5-500-3 Pump, Centrifugal, 2", Red Jacket (Model 7-M).

‡5-500-4 Pump Centrifugal, 2", Carver (Model 25212).

‡5-500-5 Pump Centrifugal, 4" MTD Carver (Model 4882).

‡5-500-7 Pump, Sump, Ingersoll Rand (Model, size 25).

5-510-2 Shovel, Crawler-Mounted, Gasoline, ½-cu. yd., with Attachments, Link-Belt, Model LS50.

5-513-1 Scraper, Carryall, 3½ cu. yd., LeTourneau (Model X).

5-514-1 Roller, Portable, Littleford (Model CS).

‡5-514-3 Roller, Pneumatic Tired, William Bros. (Model 67W).

5-515-15 Rooter, LeTourneau (Model K-30).

5-519-1 Spreader, Material, Buckeye (Model 9-4 Wheel).

‡5-537-1 Trailer, 10-Ton.

5-540 Sprayer, Paint, Pneumatic, Portable without Compressor, DeVilbiss.

5-540-2 Saw, Circular, Portable, Motor Driven, 220-Volt, 60-Cycle, AC, 12-inch Blade, Skilsaw Model 127.

‡5-540-6 Grinder, Bench Mounted Air Operated, Ingersoll Rand (Model 4G).

‡5-540-8 Paint Spraying Unit.

‡5-540-9 Drill, Air (Stell). Ingersoll Rand (Model B).

‡5-540-10 Saw Pneumatic, Ingersoll Rand (Model B-12).

‡5-575 Searchlight, 60-in., General Electric Model 1941.

5-1000 Aggregate Material Spreader Model 8.

5-1002 5 Dec. 42. Asphalt Mixer, Model 848.

5-1004 2 Dec. 43. Dryer, Aggregate, Dual-Drum, Travel or Central Plant, Trailer-Mounted, 80 to 150 tons per hr., Barber-Greene, Model 833. *C 1.*

5-1006 2 Nov. 42. Bucket Loader Model 82-A.

5-1008 4 Dec. 42. Asphalt Finisher, Model 879A.

5-1010 Dec. 42. Belt Conveyor Style N.

5-1012 28 Nov. 42. Dump, Asphalt, Trailer-Mounted with Distributor, Attachments, Littleford, Model US-3C.

5-1014 2 Nov. 42. Tank, Car, Heater, Model DS, 3-car capacity.

5-1016 12 Oct. 42. Asphalt Plant, Erection and Operation.

5-1018 16 Dec. 43. Grader, Road, Motorized Diesel, 12 ft. Moldboard, Caterpillar, Model 12.

5-1022 16 Jan. 43. Blade Grader-Model No. 66, Hand Controlled.

5-1020 Motor Grader, Model G-023589-AG Gasoline.

5-1024 10 Apr. 43. Grader, Road, Towed-Type, Leaning Wheel, Hand Controlled, 10 ft. Moldboard Caterpillar Model 44.

5-1026 18 Mar. 44. Pump, Asphalt, Trailer-Mounted, with Distributor Attachments, Littleford, Model US-3C, with LeRoi Engine, Model D-140-P3.

5-1028 28 Nov. 42. Motor Grader, Type 101 Diesel Model G-23564-AG.

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ENGINEERS—Continued

TM

‡5–1030 4 Jan. 44. Crusher, Rock, Jaw-type, 4-wheel Trailer-Mounted, 7 Cu. Yd. per hr. Gruendler, Type 1016A.

5–1032 Ditcher, Model 44–C.

5–1034 3 Dec. 42. Mixer, Rotary Tiller, Soil Stabilization, Self-Powered, Trailer-mounted, Gasoline, Model MHD 72.

5–1036 9 Mar. 44. Grader, Road, Towed-Type, Leaning-Wheel, Hand-Controlled, 10-ft. Moldboard, Adams, Model 104 with Scarifier.

5–1037 18 Jan. 44. Crushing and Screening Plant, 2-Unit, Gasoline, Semi-Trailer-Mounted with Dollies, 25-cu. yd. pr. hr. Iowa Model No. 1, Maintenance.

5–1038 15 Sept. 43. Crushing and Screening Plant 2-Unit, Gasoline, Semi-Trailer-Mounted with Dollies, 25-cu. yd. per hr. Iowa, Model No. 1 Parts.

5–1040 5 Jan. 43. Pump, Bituminous, Trailer-Mounted Littleford, Model US-113.

5–1042 15 Dec. 42. Tank Car Heater, Model DS 2 car capacity.

5–1044 15 Dec. 42. Tank Car Heater, Model DS 2 car capacity.

5–1046 2 Nov. 42. Tank Car Heater, Model DS, 3 car capacity.

5–1048 Nov. 43. Spreader, Sand, Towed Type, Traction Powered, Good Roads, Model 2S.

5–1050 11 Dec. 42. Aggregate Batching Plant (Model P-3105-3 Compartment.)

#‡5–1054 Bituminous Brush, Drag., Model D. Traffic and Road Equip. Co. (SPM–1385).

5–1056 6 May 43. Spreader, Concrete, Gasoline Engine-Drive Form-Hiding, 20 ft. Width, Blaw-Knox Model SA with Hercules Engine, Model QXD 5.

5–1058 21 Jul. 43. Spreader, Concrete Gasoline Engine Driven 20 ft. width Model SA with Continental Engine Model P F226. *C 1.*

5–1060 5 May 43. Roller, Road, Towed-Type, Sheepsfoot, 1-drum, with Removable feet, LeTourneau, Model W–1; 2-drums, in line, Model W–2.

5–1062 30 Nov. 42. Spreader, Concrete, Gasoline Engine Driven, Form Riding 20 ft. width Jaeger Model CS-20.

5–1064 22 Dec. 42. Finisher, Concrete, Self-propelled 20 ft. paving width, Model H.

5–1066 11 Sept. 43. Spreader Concrete, Gasoline Engine-Driven Form-Riding, 20 ft. width. Blaw-Knox, Model S.

5–1068 20 Feb. 43. Finisher, Concrete, Form-Riding, 20-ft. width, Blaw-Knox, Model XC.

5–1070 30 Nov. 42. Tamper Form, Concrete, Gasoline Engine-Driven, Adjustable for 7 to 10 in Forms Jaeger, Model 1.

5–1072 22 Apr. 43. Paver Concrete, Crawler Mounted Single-Drum Model Multifoote 34E.

5–1074 15 Jul. 43. Mixer, Concrete, Gasoline Engine Driven-Trailer Mounted, 7 cu. ft. Model 7S Dandie, with LeRoi Engine M Model XRPI.

5–1076 6 Jan. 44. Mixer, Concrete, Gasoline Trailer-Mounted, 14-cu. ft. Ransome, Model 14 S–U with LeRoi Engine, D–140.

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#Not available.

| NUMBER | DATE, TITLE AND CHANGES |
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TM

*5–1078 24 Apr. 44. Heater, Asphalt, Trailer-Mounted, 3-car, 42-HP, Cleaver-Brooks Model DS–31, Briggs & Stratton Engine, Model ZZ.

5–1080 26 Nov. 42. Peg Tooth Harrow, McCormick-Deering No 2 Easy-Fold (Four-Section—140 Teeth).

5–1082 6 Jan. 43. Harrow, Disc, Offset, 8-ft., 24-in. Discs, International Harvester Model DY-RR SO–49.

5–1084 6 Jan. 43. Cultivator, Chisel-Tooth 12 in. Spacing, 8-ft. Wide, International Harvester, Model DY-RR–F.

5–1086 23 Jan. 43. Plow, Tractor, with Standing Cutter and single plain share, Model No. 11.

5–1088 29 Jan. 43. Plow, Buttom and Disc. Towed-Type Four 14-in. Buttoms, Deere, Model 7.

5–1090 11 Feb. 43. Rooter, Cable Operated 3-tooth, Model 1–H3.

5–1092 19 Feb. 43. Grader, Road, Towed-Type, Leaning-Wheel, Hand-Controlled, 12 ft. Adams, Modelboard Adams. Model 124–S.

5–1094 18 Feb. 43. Scraper, Road, Drag-Type-Rotary 43 cu. ft. Adams Model 152.

5–1096 18 Feb. 43. Scraper, Road, Drag-Type, Rotary, 34 cu. ft. Adams, Model 342.

5–1098 15 June 44. Roller, Road Gasoline, Tandem, 2-Axle, 2- to 2½-ton, Ferguson, Model 151.

5–1100 13 Jan. 43. Roller, Road Powered, Gasoline, 3-wheel, 10-ton, Model "Chief."

5–1102 Oct. 43. Washing and Screening Plant, Sand and Gravel, 75-tons pr. hr. Pioneer, Model 412–VW.

5–1106 8 Feb. 44. Crushing and Screening Plant, 2 Units, Gasoline, Semi-Trailer-Mounted, with Dollies, 25 cu. yd. pr. hr. Iowa, Model No. 2 with Buda L–525 Engine.

‡5–1110 Gruendler Type "A" 10x16 portable Jaw Crusher. Gruendler Crusher and Pulverizer Co. (SPM–1805).

*5–1112 8 Mar. 44. Crushing and Screening Plant, 2-Unit, Gasoline Engine-Driven, Semi-Trailer-Mounted, with Dollies, 25 cu. yd. per hr. Iowa Model 2A, with Case Engine Model LAE.

*5–1116 12 Jan. 44. Loader, Belt, Crawler-Mounted, Gasoline Engine-Driven, Snow, Barber-Greene, Model 38–D, with Bucket Loader Boom Attachment, Buda Engine, Model HP–217.

5–1118 31 Dec. 43. Loader, Bucket, Crawler-Mounted Gasoline Engine-Driven, 3-cu. yd. Barber-Greene, Model 82 A, with Buda Engine HP 326.

5–1120 9 Apr. 43. Grader, Road, Towed Leaning Wheel, Hand Controlled, 6½ foot Mold board, Adams, Model 11–S.

5–1122 10 Apr. 43. Roller, Road, Towed Sheepsfoot, Single-drum with Removable Feet, (Model No. 10–S).

*5–1124 10 Mar. 44. Grader, Road, Towed-Type, Elevating, Power Controlled, 48-inch Carrier, Adams, Model 11.

5–1126 5 Feb. 44. Mixer, Rotary-Tiller, Soil Stabilization Power Take-Off, Trailer-Mounted, Seaman, Model ABT–48.

‡5–1128 Roller, Towed, Model US–45–130 Littleford Bros. Inc.

5–1130 5 Nov. 43. Distributor, Bituminous Material Trailer-Mounted 1250 gal., Etnyre Model MX–D4, Style RE, with LeRoi Model P–2877D2 Engine.

5–1132 18 Dec. 43. Distributor Bituminous Material, Trailer-Mounted, 1250 gal., Etnyre Model MX–D5, Style RE, with LeRoi Model D–140–P7–3 Engine.

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## ENGINEERS—Continued

TM

5-1134 11 Apr. 44. Distributor, Bituminous Material, Truck-Mounted, 800 gal., Etnyre, Model MX-D6, Style RE with LeRoi Engine Model D-140.

*5-1136 8 Feb. 44. Pump, Water, Trailer-Mounted with distributor, Attachments, Rosco Model MAE, with Wisconsin Engine, Model VE-41.

*5-1138 Oct. 44. Mixer, Concrete, Gasoline, Trailer-Mounted, 7 cu. ft., Construction Machinery Co., Model 7-S.

5-1140 28 Jan. 44. Roller, Road, Towed-Type, Wheeled, Rubber-Tired, 13 Tires, William Bros. Model 67W.

5-1142 23 Apr. 43. Roller, Road, Gasoline, Tandem 2-Axle, 5 to 8 ton Buffalo-Springfield, Model KT-16.

5-1144 7 Jan. 44. Ditcher, Plow-Type, 12 in., Bottom 26 in. Depth, Killefer, Model 350-R.

5-1146 15 Mar. 44. Tank, Asphalt, Steel, Trailer-Mounted, with Steam Coils, 1,500-gal., Littleford, Model 102S.

*5-1148 9 Nov. 43. Tank, Asphalt, Steel, Truck-Mounted, with Steam Coils, 800-gal. Rosco, Model RMU, with Wisconsin Engine, Model VE-41.

5-1150 16 May 44. Distributor, Water-Truck Mounted 1,000 gal. Rosco, Model MME, with Wisconsin Engine, Model VE-41.

5-1152 6 Jan. 42. Heater, Water, Paver, Concrete Littleford Model 5C.

5-1154 9 Apr. 43. Kettle, Asphalt Repair, Trailer-Mounted with Motor-Driven Hand Spray, 165 gal. Capacity, Littleford, Model 84 Hd-3.

*5-1156 14 Mar. 44. Kettle, Asphalt Repair, Trailer-Mounted, with Motor Driven Hand Spray, 110-gallon capacity, Model 66-US Airborne, with Lawson Engine Model 558-1.

5-1158 6 May 44. Kettle, Asphalt-Repair, Trailer-Mounted, With Motor-Driven Hand Spray, 165-gal. Capacity Littleford, Model 84-HD-3 Series T.

5-1162 30 Mar. 44. Shovel, Crawler-Mounted, Gasoline, ½-cu. yd. with attachments; Osgood, Model 200, with Buda Engine, Model HP-326 (Shovel serial numbers 3151 through 3870 and 3971 through 3988).

5-1165 Shovel, Crawler-Mounted, Diesel, 2 cu. yd. with Attachments, Northwest, Model 78 D.

5-1166 20 Jul. 43. Shovel, Crawler-Mounted Diesel, 2 cu. yd. with Attachments, Northwest, Model 78D, Parts, Catalog.

5-1168 Dec. 43. Crane, Crawler-Mounted, Gasoline ¾-cu. yd., with attachments, Koehring Model 304.

5-1170 13 Jan. 43. Shovel, Crawler-Mounted Gasoline ½ cu. yd. with Attachments, Bucyrus Erie, Model 15 B.

5-1174 8 Sep. 43. Crane, Truck-Mounted Gasoline ⅜ cu. yd. Quickway, Model E, with IH Model U-9 Power Unit.

5-1180 10 Feb. 42. Ditching Machine, Wheeltype Crawler, Mounted, Gasoline Digging Depth 5 ft. 6 in. width 23 in. Cleveland Model 110.

‡§5-1182 Model Tx21. 3-axle Tandem (Roller) Buffalo-Springfield Roller Co. (SPM-1014).

5-1184 16 Sep. 43. Roller, Road, Gasoline Engine Driven, Tandem, 3-Axle, 9 to 14 ton, Model KX-16.

‡5-1188 Kohler 10-Ton Gasoline Roller, Serial H-1001-H-1470 Incl. (SPM-1809).

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§Not in stock; not to be requisitioned.

| NUMBER | DATE, TITLE AND CHANGES |
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TM

5-1190 15 Apr. 43. Scraper, Towed, Hydraulically Operated, 1½ cu. yd., Model Cab and Model H.U. Hyd. Unit.

‡5-1192 Finisher, Concrete, Form-riding, 20-ft. to 25-ft., Blaw-Knox Model XD, with Hercules Engine, Model IXB-5.

5-1194 Mobiloader, Models 8, 8H, 8C, 8M, 8B for Caterpillar D8 and RD8 Tractor Athey Truss Wheel Co.

5-1197 27 May 43. Shovel, Power, Crawler Mounted, Gasoline ¾ cu. yd. (Model No. 70 with Buda Engine Model K-393).

5-1198 20 Dec. 43. Shovel, Power, Crawler Mounted Gasoline ¾ cu. yd. Model No. 70, with Buda Engine model K-393 (parts catalog).

5-1202 4 Mar. 44. Scraper, Road, Motorized, Cable-Operated, 12 cu. yd., LeTourneau, Model Super C, Tournapull, with Model LP Carryall.

5-1206 Mar. 44. Scraper, Road, Towed-Type, Cable Operated 3½-cu. yd., LeTourneau, Model D.

5-1208 6 Aug. 43. Scraper, Road, Towed-Type, Cable-Operated 8-cu. yd., Type III, LeTourneau, Model LS.

5-1210 11 Jun. 42. Scraper, Road, Towed-Type, Cable-Operated 8-cu. yd., Type III LeTourneau, Model LS.

5-1212 3 Jul. 43. Scraper, Road, Towed-Type, Cable-Operated Type IV Model LP.

*5-1216 4 Sep. 43. Tiltdozer, Tractor Mounting, Cable Operated, Model A4.

5-1218 3 Jul. 43. Angledozer, Tractor-Mounting, Cable-Operated, LeTourneau, Model SK-6.

5-1224 3 Jul. 43. Angledozer, Tractor-Mounting, Cable-Operated, LeTourneau, Model WCK-7.

5-1228 10 Jul. 43. Angledozer, Tractor-Mounting, Cable-Operated LeTourneau, Model C-4 (For use with LeTourneau T-4 Power Control Unit.)

5-1230 16 Sept. 43. Plow, Disc, Towed Type, Five 28 inch Discs Deere Model 205.

5-1241 1 Jul. 43. Crushing, Screening, Washing Plant, Rock, and Gravel, 5 and 9 unit Combination Crawler Mounted, 100-150 T. P. H., Gasoline Erection and Operation.

5-1244 2 Feb. 44. Crusher, Jaw-Type, Gasoline Engine-Driven Crawler-Mounted, 30-in. x 42-in. to 200 to 400-tons per hr. Model 56-A.

5-1246 2 Feb. 44. Crushed, Roll-Type, Gasoline Engine-Driven, Crawler-Mounted 54 in. dia. x 24 in. Face 100 to 190 Tons per hr. Model 54-VA.

5-1248 2 Feb. 44. Crusher, Screener and Washer, Roll-type Belt-Driven, Crawler Mounted, 40-in Dia. x 22 in. Face 40 to 140 TPH Model 300 WA, and Dehydrator, Sand, Screw, Feed Chain-Driven, Trailer-Mounted, 4 Steel Wheels, 40 to 60 TPH Pioneer.

5-1250 2 Feb. 44. Crusher, Roll-type, Gasoline Engine-Driven, Trailer-Mounted, 6-Steel Wheels, 40-in Dia. x 22 in. Face. 40 to 140 tons per hour, Model 42-VA.

*5-1252 2 Feb. 44. Scrubber and Washer, Paddle-Type.

5-1254 2 Feb. 44. Power Unit, Gasoline Engine-Driven, Trailer-Mounted, 4-Steel Wheels, 120 to 140-HP, Model 300 WA.

5-1256 2 Feb. 44. Pump, Centrifugal, Gasoline Engine-Driven, Trailer-Mounted, 6-in., Discharge 1,000-gpm. at 80-ft., Head, Model 300-WA.

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## ENGINEERS—Continued

TM

5-1258 2 Feb. 44. Conveyor, Belt, Transfer, High Gasoline, Engine-Driven, 30 in. x 50 ft. Mast; 30 in. x 35 ft. Low Mast; 30 in. x 50 ft. Low Mast. 300-FPM; 30-in. x 50-ft. Low Mast, 400-FPM.

5-1260 30 Aug. 43. Asphalt and Soil Aggregate Mixing Plant, Gasoline Engine-Driven, 25 tons per hr. 4 units, Barber-Greene.

*‡5-1266 5, 6, 7 and 8-Ton Huber Roller, Buda HP260 Gasoline Engine. Huber Mfg. Co. (SPM-1021).

5-1270 25 May 43. Bulldozer, Hydraullic Tractor Mounted 59 in. Blade, Model BABX for Model CA-1, Clarkair Crawler.

5-1272 Oct. 43. Angledozer, Tractor-Mounting, Cable-Operated LaPlante-Choate, Model R-76R (For Model D7 Caterpillar Tractor).

5-1274 Roller, Littleford, Model C. (SPM-1046).

*‡5-1276 Model No. 75 Water Distributor, Littleford Bros., Inc. (SPM-1556).

5-1280 30 Aug. 43. Asphalt and Soil Aggregate Mixing Plant, Gasoline Engine-Driven, 25 tons per hr., 4 units, Barber-Greene.

5-1306 18 Mar. 44. Angledozer, Tractor-Mounting, Hydraulic-Operated, LaPlant-Choate, Model R-63 (For Caterpillar D6 Tractor).

5-1308 23 Mar. 44. Angledozer, Tractor-Mounting, Hydraulic-Operated, LaPlant-Choate, Model 4-R for Caterpillar Tractor, Model D4.

5-1310 15 Apr. 44. Bulldozer, Tank-Mounting, Hydraulic-Operated, LaPlant-Choate, Model BM4, for M4A1-A2 and A3, Medium Model Tanks.

‡5-1332 Bulldozer, Model XD9 for use with D8 caterpillar tractor. R. G. LeTourneau Inc.

‡5-1334 Austin-Western 3-Type Rip Rooter, Austin-Western Road Machinery Co.

5-1336 Bulk Cement Plant. Blaw-Knox Division of Blaw-Knox Co.

5-1338 Athey Mobiloader Models 4 and W4 for Caterpillar D and R4 Standard or wide gauge Tractors, Athey Truss Wheel Co.

5-1340 Haiss Loader, Bucket Type, Model 75-C, LeRoi Motor, Model D-201-7, George Haiss Mfg. Co., Inc.

*5-1348 Model C Tournapull. R. G. LeTourneau, Inc. (SPM-1099).

‡5-1350 Roadbuilder, Mounted on Cletrac BG Tractors, Model RE, Garwood Industries, Inc. (SPM-1128).

‡5-1360 Trackson Traxcavator, Model T4 (Bucket Loader). Trackson Co. (SPM-1207).

‡5-1370 Bros Rotary Snow Plow, Model 37 PR-188 Mtd. on Diamond T-986A Army 4-Ton, 6x6 Chassis. Wm. Bros. Boiler & Mfg. Co. (SPM-2477).

*‡5-1372 Caterpillar D8 Tractor LaPlant-Choate R8 Trailbuilder, LaPlant V8 Snow Plow, Williamette-Hyster D8N Winch. Caterpillar Tractor Co. (SPM-2339).

‡5-1452 Model 20, American-Bosch Magnetos, Type MJS 4C MJA 6C; Wico Magnetos Series APStd. and Heavy, Fairbanks-Morse Magnetos, Bay City Shovel, Inc. (SPM-1247).

*‡5-1458 Model 75, Link Belt Speeder, Shovel. Link-Belt-Speeder Corp. (SPM-1768).

‡5-1460 Adams Motor Grader, Model No. 402; Motor Model, FBC-450 IHC, J. D. Adams. (SPM-1317).

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TM

*‡5-1468 Multifoote Paver, Model 27E. Foote Co., Inc., (SPM-1500).

*‡5-1472 Killefer "C" Series Cultivators Killefer Mfg. Corp. (SPM-1271).

*‡5-1474 Mammoth Hauling Scrapers. The Slusser-McLean Scraper Co. (SPM-1611).

*‡5-1476 Sauerman Slackline Cableway Excavators and Power Drag Scrapers, Sauerman Bros. Inc. (SPM-1994).

*‡5-1478 Trailbuilder, TAB 20 and up for Clark Tractor, LaPlant-Choate Mfg. Co. (SPM-2087).

*‡5-1482 Koehring 14S-3A Mixer with LeRoi Engine Model No. D133P1-7. Koehring Co. (SPM-1783).

‡5-1484 Wood Roadmixer, Model Series No. 48. Wood Roadmixer Co. (SPM-1391).

‡5-1486 7-S Model "U" Mixer, Ransome Concrete Machinery Co. (SPM-1225).

*‡5-1488 Bituminous Pressure Distributor, Model 875XA. Municipal Supply Co. (SYM-1260).

*‡5-1492 Roller Road, Powered, Diesel, 8-12 Ton Variable Weight, Model "Tandem." Galion Iron Works and Mfg. Co. (SPM-1797).

*‡5-1494 Osgood Type 80 Cranes, with Caterpillar D-13000 Engine, Kohler 2000-Watt Light Plant. Model L, AC Fuel Pump, Model B Bosch Magneto, Type MJC4C-8 Curtis Air Compressor, Model F Nugent Pressure Oil Filter. Fig. 116TZ. Size Ir. Williams Clamshell Bucket. Type MF Williams Bucket. Type MF Williams Dragline Bucket, Type DX. Osgood Shovel Co. (SPM-2265).

*‡5-1496 Crop Disc Harrows, Four-Gang, 180A Series. Killefer Mfg. Co. (SPM-1272).

*‡5-1498 John Deere, Models KB and KC Tractor Disc Harrows, Deere & Mansur Works of Deere & Co. (SPM-1430).

*‡5-1504 Model C. Turnapull (with Caterpillar D468 Motor) Model TC1 Power Control Unit, Model LS Carryall (with Bendix 17 x 4 Duo Servo Brake) R. G. LeTourneau, Inc. (SPM-1552).

‡5-1508 Bulldozer Model K8, for use with D8 Caterpillar Tractor, R. G. LeTourneau, Inc. (SPM-1111).

‡5-1514 Treedozer, Tractor-Mounted Hydraulic operated, LaPlant-Choate Model TD8 for Caterpillar Tractor Model D8, (SPM-2313).

*‡5-1516 "Carrimor" Scraper, CW-10 (SPM-2254) LaPlant-Choate Mfg. Co.

*‡5-1518 Model AD Motor Grader. Allis-Chalmers Co. (SPM-2040).

*‡5-1544 Austin-Western Camet Roller. (D-3700 and up.) Austin-Western Road Machinery Co. (SPM-1909).

*‡5-1554 Smith Non-Tilting Mixers 7-S and 10-S Sizes, Model 356. T. L. Smith Co. (SPM-1907).

*5-1580 24 Mar. 44. Bulldozer Tractor-Mounted, Cable-Operated, LeTourneau Model XD-7.

*5-1584 14 July 44. Angledozer, Tractor Mounting, Cable-Operated, LaPlant-Choate, Model R 82 R, for Model D-8 Caterpillar Tractor.

5-2000 Dec. 43. Portable Water Purification Equipment. Model, 1940, Wallace and Tiernan Co.

5-2002 25 Sep. 42. Well Drilling Machine. No. 71 Speed Star.

‡5-2006 Centrifugal Pump, Model 30M (WAC 14X) 4-in.

5-2008 6 Nov. 42. Centrifugal Pump, Model J54, 4 in.

5-2012 18 Sep. 42. Deep Well Turbine Pump Model 4700.

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## ENGINEERS—Continued

TM

5-2014 4 Nov. 42. Diaphragm Pump, Model AD-4, 4-in. Novo.

5-2016 30 Nov. 42. Centrifugal Pump, Model 2XPK, 165-GPM Jaeger.

5-2018 1 Dec. 42. Sump Pump, Model CP-2.

5-2022 28 Feb. 43. Pump Centrifugal, Gasoline Engine-Driven, Base-Mounted, 2-in., Discharge, 55 gpm at 50 ft. Head, Jaeger, Carver or Red Jacket Model 2APS-1.

5-2024 15 May 43. Well Drilling Machine, Rotary Type, Skid-Mounted, Gasoline Engine-Driven, Failing, Model 314.

‡5-2026 13 May 43. Pump, Centrifugal, Diesel Engine-Driven, Base Mounted, 3 inch, Discharge, 600 gpm 400 foot head, with Ingersoll-Rand Model 3 GT Pump and Cummins Model Hip-600 Engine.

5-2028 Nov. 43. Pump, Centrifugal, Gasoline Engine Driven, Base-Mounted, 4-in. Discharge, 200 gpm at 350 ft. Head, Gorman-Rupp, Model C54-14.

5-2030 15 Dec. 42. Water Purification Unit, Gasoline Engine Drive, Truck Mounted, 100 GPM (Model 1938).

5-2032 15 Mar. 43. Hypochlorination Unit, Automatic Portable, Wallace & Tiernan, Model A-506.

‡5-2034 Jan. 44. Pump Centrifugal, Gasoline Engine-Driven, 2-in. Discharge, 60 GPM, 125-Ft. Head Gorman-Rupp, Model W52-10A.

5-2036 8 Feb. 43. Pump, Centrifugal, 1½ Discharge, 125 gpm 300-foot Head, Gasoline Engine Driven, Model B-180; Economy Pump Incorporated.

5-2037 15 Jan. 44. Pump, Centrifugal, Gasoline Engine-Driven, Base-Mounted, 1½-in., Discharge, 125 G.P.M. at 300-ft., Head, Economy Model B-180 Engine; LeRoi, Model D-140.

5-2038 9 July 43. Pump Centrifugal, Gasoline Engine-Driven, Base Mounted 2-in. Discharge 60 gpm at 125 ft. Head Gorman-Rupp, Model W52-10.

*5-2040 20 Apr. 44. Pump, Deep Well, Centrifugal Type, 4-in. Discharge, 200-GPM, 200-ft. Head, 150-ft. Setting, Gasoline Engine-Driven, Peerless Model 6M.

5-2042 26 Feb. 44. Pump, Deep Well, Gasoline Engine-Driven Helical Rotor-Type, 30 gpm at 250 ft. Head Type 11. Peerless, Hi-Lift Model 42.

5-2044 9 Sept. 43. Pump, Centrifugal, 2-in. Discharge, 166 gpm 25-foot head, Gasoline Engine Driven, Model CA-33.

‡5-2046 Type 1, Peerless M-52 Hi-Lift Pump and Waukesha Model ICKU Engine, Peerless Pump Division. (SPM-2282).

5-2050 17 Jun. 43. Tank Water, Canvas, with Spray Bar Attachment, 75-GPM, U. S. Rubber.

5-2052 14 Dec. 43. Pump, Deep Well, Gasoline-Engine-Driven, Turbine-Type, 200 gpm at 200-ft. Head, Cook Model PI-535, with Continental Engine Y-112.

5-2054 29 May 44. Pump, Deep Well, Gasoline Engine-Driven, Helical Rotor-Type, 30 gpm at 250 ft. Head, type 2, Peerless Hi-Lift Model 42 H (Engine: Wisconsin, Model AHH).

*5-2058 9 Mar. 44. Pumping and Hypochlorination Unit, Gasoline Engine-Driven, Portable, 50-GPM, Model U-8600.

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TM

‡5-2060 Cleaver Model M2-E10B Distillation Unit, 2,000 Gals. per day Capacity. Cleaver-Brooks Co. (SPM-1734).

‡5-2064 Model M2E25 Distillation Unit, 5000 Gals. per day Capacity. Cleaver-Brooks Co. (SPM-2093).

5-2066 14 Jun. 44. Water Purification Unit, Gasoline Engine-Driven, Stationary, 50-gpm, Wallace and Tiernan, Model A-521 (Knockdown-Type).

*5-2071 3 Aug. 44. Water Softening Equipment, Gravity flow 300,000 Grains per Regeneration (Zeolite Type), Refinite Model G54.

5-2076 Pump, Rotary, Power Take-off Driven, Fire Truck-Mounting, Mid-ship, Single-Discharge, 2-in., Discharge, 100-GPM at 277-ft. head or (120-PSI), Waterous, Model-HD-281-R.

5-2108 29 Sep. 42. Mixer, Concrete, Gasoline, Trailer-Mounted 14-cu. ft. Ransome, Model 14S-U with LeRoi Engine D133-P10.

*‡5-2112 Pump, Centrifugal, Types, D.E.F.G. GA Gardner-Denver Co.

‡5-2116 Gasoline Pump, Model 6B, Type HBE with Continental Model 33R, Gasoline Engine, American-Marsh Pumps Inc.

‡5-2120 Barnes Self-Priming Centrifugal Pump, Model 7M-US, Barnes Mfg. Co.

*‡5-2122 Pump, Deep Well, Reciprocating. F. E. Myers Co., (SPM-1164).

‡5-2260 Portable Knockdown Purification Unit A-521071. Wallace & Tiernan, Inc. (SPM-1925).

*‡5-2262 Centrifugal Pumping Unit, Hawk Model, 55 G. P. M. 2-inch. The Gorman-Rupp Co. (SPM-1785).

*‡5-2266 431 Myers Jack, AHH Wisconsin Engine, 3¾x18x 67" Myers Fig. 3102 Double Acting Working Barrel. (SPM-2082).

*‡5-2268 CMC Model 7M Pump, Wisconsin Model AB Engine. Construction Machinery Co. (SPM-1155).

‡5-2270 CMC Model 30M Pump, Wisconsin Model VE-4 Engine. Construction Machinery Co. (SPM-1154).

5-2274 Pump, Piston, 25 GPM, American Marsh. (SPM-1150).

5-2276 Carter Engine-Driven Pump Unit, 704-4F, Ralph B. Carter Co.

*‡5-2278 Single and Double Diaphragm Pump. No. 5A Stover CT2 Horizontal Engine; C. H. E. Manufacturing Co. (SPM-1503).

‡5-2280 Steam Pump, 4½x3x4, AE-1500. Gardner-Denver Co. (SPM-2103).

‡5-2284 Novo Self-Priming, Diaphragm, Pressure, Centrifugal Pumps Novo Engine Co. (SPM-1229).

*‡5-2286 Goulds Flexi-Unit, Centrifugal Pumps, Single and Two-stage, Side Suction, Open Impeller, Double Ball Bearing, Goulds Pumps, Inc. (SPM-1474).

*‡5-2290 4½x2¾x4 Horizontal Duplex Steam Pump. Worthington Pump and Machinery Co. (SPM-1167).

*‡5-2292 Centrifugal Pumps, Type HL, Single Phase and Type HBL Two-Stage. Worthington Pump & Machinery Co. (SPM-2252).

*‡5-2294 Gas-Engine-Driven-Self-Priming Pumping Unit, 60 GPM, 200 ft. 1750 R.P.M., Model F6-T; Novo Gas Engine Model CW-66. Aurora Pump Co. (SPM-1330).

5-2296 Single-Stage Condensate Pump Warren Steam Pump Co., Inc. (SPM-1489).

‡5-2298 Boiler Feed Pump, Model AF Steam, 5¼x3½x5 Duplex Pump, Valve Plate Piston Type. (Gardner-Denver Co.) (SPM-1457).

*‡5-2308 Pump, Self-Priming, Centrifugal. Gorman-Rupp Co. (SPM-2294).

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ENGINEERS—Continued

TM

*‡5-2312 6" 15-Stage Cook Deep Well Turbine Pump, Model SK-660 on base frame with Wisconsin Model AGH Gasoline Engine, V-Belt Drive for 200-ft. setting. A. D. Cook, Inc. (SPM-3008).

*‡5-2314 Pump, 10M CMC 2" Centrifugal Dual Prime Engine, Wisconsin Model AE. Construction Machinery Co. (SPM-1413).

‡5-2320 Pump, Steam, 4x2½x4, Gardner-Denver. (SPM-2548).

*‡5-2322 Sterelators, Series 3600, Type U. High Pressure. Everson Mfg. Co. (SPM-1672).

‡5-2324 Hi-Octane Pumping Unit, 100 GPM, 100-ft. Head of Gasoline with Dewatering and Deaerating Equipment Gasoline Engine-Powered, Hill Diesel Engine Co. (SPM-2299).

*‡5-2328 Electrifugal and Type SS Unit Pumps. Allis-Chalmers. (SPM-1267).

5-3000 31 Oct. 42. Industrial Tractor, Model DI.

5-3002 7 Dec. 42. Dump Bottom Trailer, Model E-13 Crawler Mounted.

‡5-3004 Model WM Tractor Equipped with Buckeye Trailbuilder as supplies to the U. S. Army, Tractor Serial No. WM 10391 and WM 10942 to 112-29, Allis Chalmers Mfg. Co.

5-3010 13 Feb. 43. Tractor, Wheeled, Rubber-Tired, Gasoline, 40 DB-HP, Standard, Case LAI.

5-3012 5 May 43. Tractor, Wheeled, Rubber-Tired, Gasoline, 23-DB-HP, Standard, Case S1, with LaPlant Choate Power Control Unit (For Air-Airborne Organizations).

5-3014 5 May 43. Tractor, Wheeled, Rubber-Tired, Gasoline, 23 DB-HP, Standard, Case SI, with Hough Airborne SI Bucket Loader.

5-3020 Tractor, Crawler Type, 20 DBHF, with Bulldozer and Towing Winch Model CA-1 Clarkair.

5-3040 18 Mar. 43. Tractor, Crawler, Diesel, 110 to 140 DBHP Standard Caterpillar D8, 78-in. Gage.

5-3042 22 Feb. 43. Tractor, Crawler, Diesel, 110 to 140 DBHP Standard, Caterpillar, D8, 78 in. Gage, with LeTourneau CKD-8 Angledozer, T-8 Rear Power Control Unit and FTD-8 Front Power Control Unit.

5-3044 22 Feb. 43. Tractor Model D, Diesel with LeTourneau CKD8 Angledozer and FD8 and R8 Power Control Units.

5-3046 22 Feb. 43. Tractor, Crawler, Diesel, 110 to 140 DBHP Standard, D8, 78 in. Gage, with LeTourneau CKD-8 Angledozer, LeTourneau FTD-8 Power Control Unit and Hyster D8N Winch.

5-3048 30 Oct. 43. Tractor, Crawler, Diesel, 110 to 140 DBHP Standard, Caterpillar D8, 78-in. Gage, with LeTourneau R-8 Power Control Unit.

5-3050 22 Feb. 43. Tractor, Crawler, Diesel, 110 to 140 DBHP Rigid, Caterpillar D8, 78-in. Gage, with Athey 8H Bucket Loader.

5-3052 16 Jan. 43. Tractor, Crawler, Diesel, 110-140 DBPH Standard, Caterpillar D8, 78-in. Gage, with LaPlant-Choate R-8 Angledozer and Hyster D8N Winch.

*5-3054 28 Mar. 43. Tractor, Crawler Type, Diesel, 113 DBHP, Model D8 with LeTourneau CK-D8 Angledozer and R8 Power Control Unit.

‡5-3056 Caterpillar Diesel D8 Tractor, LeTourneau R8 Power Control Unit. K8 Bulldozer. Caterpillar Tractor Co. (SPM-1067).

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TM

5-3068 8 May 43. Tractor, Crawler, Type, Diesel, 80 DBPH Model D7.

5-3070 16 Jan. 43. Tractor, Crawler, Diesel 70 to 90 DBHP Standard, Caterpillar D7, 74-in. Gage with LeTourneau WCK-7 Angledozer, R7 Rear Power Control Unit and FTD-7 Front Power Control Unit.

5-3072 13 May 43. Tractor, Crawler, Diesel 70 to 90 DBHP Standard, Caterpillar D7, 74-in. Gage with LeTourneau WCK-7 Angledozer and LeTourneau R-7 Power Control Unit.

5-3074 Tractor, Crawler, Diesel, 70 to 90 DBHP Standard, Caterpillar D7, 74-in. Gage with LaPlant-Choate R76F Angledozer and LeTourneau FTD-7 and R-7 Power Control Units.

5-3076 5 Dec. 42. Tractor, Model D7, Diesel with Hyster D7N Towing Winch, and LeTourneau WCK 7 Angledozer, and FTD7 Power Control Unit.

5-3078 16 Apr. 43. Tractor, Crawler, Diesel, 70 to 90 DBHP Rigid, Caterpillar D7, 74-in. Gage, with Trackson MD-7 Pipe Layer and AF 7 Anglefiller.

5-3080 19 Apr. 43. Tractor, Crawler, Diesel, 70 to 90 DBHP Standard Caterpillar D7, 74 in. Gage with Hyster Double-Drum D7N Winch.

5-3082 Nov. 43. Tractor, Crawler, Diesel, 70 to 90 DBHP Standard, Caterpillar D7, 74 in. Gage, with LaPlant-Choate R-71 Angledozer and LeTourneau R-7 Power Control Unit.

5-3084 Tractor, Crawler, Diesel 70 to 90 DBHP Standard, Caterpillar D7, 74 in. Gage, with LaPlant-Choate R-76R Angledozer and LeTourneau R7 Power Control Unit.

5-3090 Tractor, Crawler, Diesel, 70 to 90 DBHP Standard, Caterpillar D7, 74 in. Gage, with LaPlante-Choate R-71 Angledozer and Hyster D7N Winch.

‡5-3092 D7 Diesel Tractor with LeTourneau XD7 Bulldozer and R7 PCU. Caterpillar Tractor Co. (SPM-1690).

5-3100 14 Aug. 43. Tractor, Crawler Type, Diesel Engine Powered, 55DBHP, Caterpillar Model D-6.

5-3101 Jul. 44. Tractor, Crawler, Diesel, 55 to 65 DBHP, Standard, Caterpillar D6 74-in., Gage, with LaPlant-Choate R-63 Angledozer and Hyster D6N Winch.

5-3102 14 Aug. 43. Tractor, Crawler Type, Diesel, 55 DBHP Caterpillar Model D6 with LeTourneau SK6 Angledozer and R678 Power Control Unit.

5-3104 2 Dec. 42. Tractor, Crawler, Diesel 55 to 65 DBHP Standard 74 in. Gage, with Hyster D6N winch.

‡5-3110 2 Dec. 42. Tractor, Model D4, Diesel.

5-3112 Tractor, Model D4, Diesel with LeTourneau C4 Angledozer and T4 Power Control Unit.

5-3114 3 Dec. 42. Tractor, Crawler Diesel, 35 to 40 DBHP Standard, Caterpillar, D4, 44 in. Gage and 60 in. Gage with Hyster D4 Winch.

5-3116 Tractor, Model D4 Diesel with Athey W4 Mobiloader.

5-3117 Jul. 44. Tractor, Crawler, Diesel, 35 to 40 DBHP, Standard, Caterpillar D4, 44-in., Gage, with LaPlant-Choate 4-R, Angledozer and Hyster D4A Winch.

5-3118 Tractor, Model D4, Diesel with Athey W4 Mobiloader and Hyster D4 Towing Winch.

5-3120 19 Apr. 43. Tractor, Crawler, Diesel, 35 to 40 DBHP Caterpillar, D4, 60 in. Gage with Trackson PD4 Pipe Layer and AF4 Anglefilled.

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ENGINEERS—Continued

TM

5-3121 Jul. 44. Tractor, Crawler, Diesel, 35 to 40 DBHP, Standard, Caterpillar D4, 44-in., Gage, with Athey W-4-1, Bucket Loader.

5-3122 14 Aug. 43. Tractor, Crawler, Diesel, 35 to 40 DBHP, Standard, Caterpillar D4, 44-in. Gage with LeTourneau A-4 Tilting Blade and T-4 Power Control Unit.

5-3126 Dec. 43. Tractor, Crawler, Diesel, 35 to 40 DBHP, Standard, Caterpillar D4, 44 in. Gauge, with LeTourneau A4 Tilting Blade HN Power Control Unit and Hyster D4A Winch.

5-3132 18 Mar. 43. Tractor, Crawler Type, Gasoline, 35 DBHP Model R4 with LeTourneau C4 Angledozer and T4 Power Control Unit.

5-3134 18 Jun. 43. Tractor, Crawler, Gasoline 35 DBHP Standard, Caterpillar R4, 44 in. Gage, with LeTourneau C-4 Angledozer, and LeTourneau HN Power Control Unit with Hyster D4A Winch.

5-3136 14 Aug. 43. Tractor, Crawler, Gasoline, 35 DBHP Standard, Caterpillar, R4, 44 in. Gage with LeTourneau HN Power Control Unit.

5-3138 14 Aug. 43. Tractor, Crawler, Gasoline, 35 DBHP Standard, Caterpillar R4, with LeTourneau A-4 Tiltingblade and T-4 Power Control Unit.

5-3140 Oct. 43. Tractor, Crawler, Gasoline, 35 DBHP Caterpillar R4, 44 in. Gage, (Serial No. 6G 3279 and up), with LeTourneau A-4 Tiltdozer and Power Control Unit with Hyster D-4A Winch.

‡5-3154 Caterpillar Diesel D8 Tractor, LaPlant-Choate B81 Bulldozer. Caterpillar Tractor Co. (SPM-1281).

‡5-3162 Tractor, Crawler-Type, Diesel, 55 DBHP, Model D6 with LaPlant-Choate R61 Trailbuilder and LeTourneau R 678 P.C.U. Caterpillar Tractor Co. SPM-2241).

*‡5-3146 Tractor, Crawler-Type, Diesel, 55 DBHP, Model D6 with LaPlant-Choate B61 Bulldozer and Hyster D6N Winch. Caterpillar Tractor Co. (SPM-2235).

*‡5-3168 D6 Tractor, Crawler-Type, Diesel, 55 DBHP with LaPlant-Choate Trailbuilder, Caterpillar Tractor Co. (SPM-2478).

‡5-3190 Cletrac Crawler Tractor, Models AG & BG. Cleveland Tractor Co.

‡5-3194 Model HD7 and HD7W Standard Tractors. Allis-Chalmers Co. (SPM-1685).

‡5-3196 Allis-Chalmers Model HD7W Tractor with Garwood RBX Trailbuilder Allis-Chalmers. (SPM-1234).

‡5-3200 Model HD7W Tractor Equipped with Garwood RBX Trailbuilder and Buckeye Medium Duty Double-Drum Power Control Unit. Allis-Chalmers Tractor Division. (SPM-1686).

5-3210 Model W.M. Tractor, Allis-Chalmers Co.

5-3212 Model WM Allis-Chalmers Long Track Tractor with Hough Front End Hydraulic Shovel. Allis-Chalmers.

5-3226 Tractractor, Model T6 and TD6, Diesel, International Harvester Co.

‡5-3272 Model TD-14 Tractractor, International Harvester Co. (SPM-2269).

‡5-3280 Model TD-18 Tractractor, International Harvester Co. (SPM-2268).

*‡5-3340 D2 Tractor, effective W Tractor 3-J1 and 5-J1. Caterpillar Tractor Co. (SPM-2260).

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*Not available.

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*‡5-3346 Model HD10W Tractor, with Buckeye Utility Trailbuilder and Medium Duty Double Drum P.C.U. Allis-Chalmers (SPM-1675).

*‡5-3350 Model HD10W. Tractor with Garwood CU2 P.C.U. Allis-Chalmers Co. (SPM-1871).

*‡5-3352 Model HD10W Tractor with Garwood CU2 P.C.U. Allis-Chalmers Co. (SPM-1870).

*‡5-3354 Model HD10W Tractor with Garwood RCX Trailbuilder. Allis-Chalmers Co. (SPM-1677).

*‡5-3365 Baker 338A Gradebuilder for HD10W Tractor. Allis-Chalmers Co. (SPM-1703).

*‡5-3360 Model HD14 Tractor. Allis-Chalmers Co. (SPM-1710).

*‡5-3362 Model HD14 Tractor with Garwood Model CU2 P.C.U. Allis-Chalmers Co. (SPM-1707).

‡5-3364 Model HD14 with Buckeye Unitilt Trailbuilder and Heavy Duty P.C.U. Allis-Chalmers. (SPM-1706).

‡5-3368 Model HD14 Tractor with Baker 351 Gradebuilder. Allis-Chalmers Co. (SPM-1682).

*‡5-3370 Model HD14 Tractractor with Baker 351 Gradebuilder and Carco HS Winch. Allis-Chalmers Co. (SPM-1883).

*‡5-3372 Model HD14 Tractor with Baker 351 Gradebuilder and Garwood CU2 P.C.U. Allis-Chalmers Co. (SPM-1873).

‡5-3374 Allis-Chalmers Model HD14 Tractor equipped with Baker 351 Gradebuilder and Buckeye HDDD P.C.U. (SPM-2221).

*‡5-3378 Model HD7 Tractor, with Garwood Model RBD Bulldozer MD DD P.C.U. Allis-Chalmers. (SPM-1700).

‡5-3380 Model HD7 Tractor, with Baker Model 355 Gradebuilder (front pump) and Buckeye Medium Duty DD P.C.U. Allis-Chalmers Co. (SPM-1699).

*‡5-3384 Model HD7W Tractor, equipped with Baker 325A Gradebuilder and Buckeye MDDD Power Control Unit. Allis-Chalmers Co. (SPM-1701).

‡5-3386 Model HD7W Tractor, equipped with Baker 325A Grade Gradebuilder and Buckeye MDDD Power Control Unit, Allis-Chalmers Co. (SPM-1701).

‡5-3390 Model HD10W Tractor W/Baker 338A Gradebuilder and Garwood CU2 P.C.U. Allis-Chalmers Co. (SPM-1689).

*‡5-3392 Model HD7 or HD7W Tractor, W/Garco Model FH Hoist. Allis-Chalmers Co. (SPM-1693).

*‡5-3394 Model HD14 Tractor W/Baker 351 Gradebuilder % Heil S-2 P.C.U. Allis-Chalmers Co. (SPM-1872).

*‡5-3396 International TD14 Tractractor with Drott No. 60 Bull Clam Shovel. HC. (SPM-1882).

*‡5-3398 TD-18 Tractractor with Bucyrus-Erie Model 10-11 Hydraulic Bulldozer with front-mounted pumps. International Harvester Co. (SPM-1326).

‡5-3400 International TD-18 Tractractor with Bucyrus-Erie Model 20-21 Hydraulic Bullgrader and Bucyrus-Erie Model P-20 Winch. IHC (SPM-1794).

‡5-3402 Tractractor, Model TD-14 Diesel with Bucyrus-Erie 20-21 Hydraulic Bullgrader. International Harvester Co. (SPM-2290).

*‡5-3404 McCormick-Deering W-4 Tractor, International Harvester Co. (SPM-1836).

*‡5-3408 O-4 and O-6. Tractors (McCormick Deering). International Harvester Co. (SPM-1837).

*‡5-3410 O-12 Tractor (McCormick-Deering). International Harvester Co. (SPM-1844).

*‡5-3412 Industrial Tractor, Model 20. International Harvester Co. (SPM-1841).

*‡5-3414 Industrial Tractor, Model I-30. International Harvester Co. (SPM-1842).

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## ENGINEERS—Continued

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‡‡5–3416 Industrial Tractor, Model I–40, International Harvester Co. (SPM–1843).

‡‡5–3418 R5 Tractor, Effective with 5E3001, 4A–501, 4H1500, 3R1 up. Caterpillar Tractor Co. (SPM–1279).

‡‡5–3420 Caterpillar Diesel D4 Tractor, LaPlant-Choate B4 Bulldozer, Caterpillar Tractor Co. (SPM–1663).

‡5–3422 D6A Tractor, Diesel, Effective with Tractor 1T3001 up. Caterpillar Tractor Co. (SPM–2278).

‡‡5–3428 Caterpillar Diesel D6 Tractor, LaPlant-Choate, V–65 Snow Plow, Caterpillar Tractor Co. (SPM–1658).

‡5–3430 Tractor, Crawler-Type, Diesel, 55–DBHP, Model D6 with LaPlant, R63 Trailbuilder, Caterpillar Tractor Co. (SPM–2245).

‡5–3432 Tractor, Crawler-Type, Diesel 55 DBHP, Model D6 with LeTourneau TD6 P.C.U. Caterpillar Tractor Co. (SPM–2244).

‡5–3434 D8, Tractor, LaPlant-Choate TD8 Treedozer, LaPlant-Choate R8 and RK8 Trailbuilder Conversion Units. Caterpillar Tractor Co. (SPM–1753).

‡5–3454 Euclid Tractor, Model 9 FDT (G); Trailer, Model 58W (G) Euclid Road Machinery Co. (SPM–2288).

5–4000 28 Sept. 42. Pneumatic Chain Saw Timberhog 24-in.

5–4002 16 Oct. 42. Saw, Chain, Portable, Gasoline, 36-in. Blade, Disston, Model G–10, with Kiekhaefer Engine Model KB6A.

5–4004 5 Dec. 42. Saw, Circular, Wood-Working, Portable Pneumatic, 12-in. Blade, Skilsaw, Model 2127.

5–4006 7 Oct. 42. Portable Saw Rig Model Power Sawyer.

5–4008 17 Dec. 42. Saw, Gasoline Tilting Table, Skid Mounted Model 110A.

5–4010 19 Apr. 43. Saw, Chain, Portable, Gasoline Engine-Driven, 36-in. Blade, Ree-Prentice, Model Timberhog, 36-in. with Kiekhaefer Mercury Engine, Model KB6A.

5–4012 5 Aug. 43. Saw, Pneumatic, Chain Portable 24-in. Model P–7.

5–4014 6 Apr. 43. Sharpener, Electric, Chain Saw, Disston Model E2C5.

5–4016 7 Jun. 43. Saw, Circular, Wood Tilting Table, Skid Mounted, Gasoline Engine Driven, Model "Power Sawyer" Type AC with Wisconsin Engine Model AC–4.

5–4018 19 Oct. 43. Grinder, Pneumatic Rotary Type, 4x1 in. Vitrified, 6x1 in. Organic Wheel, Independent Pneumatic, Thor, Size No. 255, Model No. 5294.

5–4020 5 Dec. 42. Drill, Pneumatic, Portable, Rock 55-lb. Class Thor. Model 75.

5–4022 30 May 43. Breaker, Paving, Pneumatic, Independent Pneumatic, Model 25.

5–4024 9 Aug. 43. Digger, Clay, Pneumatic Thor. No. 412, Model 4913.

5–4026 30 Sept. 43. Drill, Pneumatic, Portable Reversible, Wood Boring, No. 2, Morse Taper, Thor No. 62, Model 958.

5–4030 1 July 43. Furnace, Oil Drill Steel, Model 27–F.

5–4032 28 Jan. 43. Sharpener, Drill-Steel, Pneumatic-Driven Ingersoll-Rand, 40.

5–4034 28 Jan. 43. Drifter Drill, Pneumatic, Wagon-Mounted, Ingersoll-Rand, Model X71–WD on FM–2 Wagon.

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5–4036 25 Mar. 43. Drill, Pneumatic, Portable Rock, 35-lb. Class, Model JA–35 Jackhammer.

5–4038 21 Sept. 43. Drifter Drill, Pneumatic, Column-Mounted Ingersoll-Rand, Model DA–35.

5–4040 31 Mar. 43. Lathe, Bench, Back Gear Screw Cutting Type Electric Motor Powered, Model 210S, 10-in. Swing 24-in. Centers.

5–4042 23 Sept. 43. Drill, Pneumatic, Portable, Rock, 45-lb. Class, Ingersoll-Rand, Model JB–4.

5–4044 8 Apr. 43. Grinder, Crankshaft, Electric Motor Powered, Model K–850.

5–4046 Home, Cylinder, 2.6-in. to 5.5-in. Cylinder size. Electric Drill-Driven Sunnen.

‡5–4048 No. 7B Atlas 7 in. Shaper. Atlas Press Co.

5–4050 14 May 43. Sharpener, Chain Saw, Gasoline, Disston Model GI–C5.

5–4052 14 May 43. Saw, Chain, Portable, Gasoline, 36 in. Blade, Disston, Model G–36, with Kiekhaefer Engine Model KB 6AK.

5–4054 Saw, Hack, Motor Driven 220 Volt, 60 cycle, AC, 5x5 in. Louisville Electric, Model Pioneer.

5–4056 July 43. Sharpener, Chain Saw, Gasoline Engine Driven, Lofstrand, Model GLS–101 with Kiekhaefer Engine, Model KB–3G.

‡5–4058 Ingersoll-Rand Shank Grinder, Size 4K. Ingersoll-Rand (SPM–2249).

5–4060 14 Apr. 43. Naildriver, Pneumatic, Ingersoll-Rand, Model 6–CND.

5–4062 28 Apr. 43. Tamper, Back-Fill, Pneumatic, Ingersoll-Rand, Model 34.

5–4064 28 Jan. 43. Breaker, Paving, Pneumatic Model CC–60.

5–4066 27 Apr. 43. Drill, Pneumatic, Portable Rock, 55 Lb. Class Model JB–5.

5–4068 26 Aug. 43. Breaker, Paving Pneumatic Model CC–80 with Pile Driving attachments.

*5–4070 Feb. 44. Grinder. Detachable Drill-Steel Bit, Air Motor Driven, Ingersoll-Rand Model JA–3.

*5–4072 16 Nov. 43. Drill, Pneumatic, Portable Non-Reversible, No. 3 Morse Taper, (for steel), Ingersoll-Rand Model 4–J.

‡5–4076 Riveting Hammers, Sizes 4A through 9C and Rivet Busters, Sizes 999 and 9000. Ingersoll-Rand (SPM–1969).

‡5–4088 No. 5A Cleco Backfill Tamper. Cleveland Pneumatic Tool Co. (SPM–1016).

5–4078 16x54 in. Toolroom Lathe, Model B. Reed Prentice Corp.

*5–4084 Nov. 43. Drill, Pneumatic, Portable, Rotary, 9/16-in. Capacity, Thor No. 253X, Model 4444, with Stand, Drill, Thor No. 26.

5–4090 25 Jun. 44. Breaker, Paving, Gasoline, Barco. Model H6.

‡5–4094 Thor Backfill Tamper, No. 60, Model No. 4814. Independent Pneumatic Tool Co. (SPM–1022).

5–4100 12 July 43. Welding and Cutting Outfit, Oxy-Acetylene.

‡5–4102 Airco, Styles 9803, 9903, 9953 Welding Torches and Cutting Attachments. Air Reduction. (SPM–1190).

‡5–4104 "Safety-first" Air Saw, Size B12, Ingersoll-Rand (SPM–1038).

‡5–4106 Jackbit Grinders. Sizes J3, JA3, JB3 and JG3. Ingersoll-Rand (SPM–1036).

‡5–4110 Jan. 44. Tamper, Back-fill, Chicago Pneumatic, Model CP–3.

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ENGINEERS—Continued

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5-4112 30 Aug. 43. Vibrator, Concrete, Pneumatic, Chicago Pneumatic, Model CP-219.

*‡5-4114 Saw, Chain, Mall Tool, Flexible Shaft, Mall Tool Co. (SPM-1051).

‡5-4116 Reed-Prentice Portable Timber Saw, Model 2T-24 with Chicago Pneumatic Piston Type Air Motor. (SPM-1054).

‡5-4118 Portable Circular Saw, Model "0" Electric Hand, Skilsaw, Inc.

5-4120 Thor Portable Electric Grinder, No. U60 Model No. 3032 Independent Pneumatic Tool Co.

5-4122 27 Apr. 44. Vibrator, Concrete Pneumatic, Chicago Pneumatic, Model CP-219-B.

5-4128 10 Apr. 44. Drill, Pneumatic, Portable Rock, 45 lb. class, Ingersoll-Rand. Model JB-4 (Dry-Type).

5-4132 Sunnen Model LB Bushing Grinder, Sunnen Products Co. (SPM-2481).

*5-4134 Feb. 44. Saw, Band, Metal-Cutting and Filing, Table-Mounted, Motor Driven, 208-Volt, 3-Phase, 60-Cycle, AC, 10-in. Capacity, with Attachments and Accessories. Continental Model ML.

*‡5-4148 Class K-11-S, Q-13 Busters and Q-13 Pile Driver. Sullivan Machinery Co. (SPM-1057).

‡5-4150 Eastman Type "N" Round Knife Cutting Machines.

5-4152 Ingersoll-Rand Concrete Vibrator, Model IV, sizes 1V, 2V, 3V, Ingersoll-Rand.

‡5-4154 No. 444-Z, 9x3½ in. Bench Lathe, South Bend Works.

5-4160 Peerless High-Speed Power-Driven Metal Hack Saw, Model 9" x 9", Standard, Three-speed, Peerless Machine Co.

5-4162 Ammco Model "42" Universal Line Boring Machine. Automotive Maintenance Machinery Co.

5-4164 Van Norman Per-Fect-O Boring Bar, No. 777. Van Norman Machine Tool Co.

5-4166 Dumore Precision Grinder, Model No. 7. Dumore Co.

5-4168 Specifications for No. 11 Dumore Precision Internal and External Lathe Grinder. Dumore Co.

5-4170 Rodgers Model 22 100-Ton Universal Press with Track Servicing Attachment and Service Tool Head for Caterpillar Tools. Rodgers Hydraulic, Inc.

‡5-4172 Machine, Brake Relining, Model No. B 51. Barrett Equipment Co.

5-4174 Pedestal Grinder, Type 36 FAS Model 100. Standard Electrical Tool Co.

5-4176 Bench Grinder Model SP-No. 1240. The Delta Mfg. Co.

5-4178 Buffalo No. 18-L Drilling Machines. Buffalo Forge Co.

‡5-4180 Drill Press No. 15, Floor Type. Buffalo Forge Co. (SPM-2004).

‡5-4182 Direct Motor Drive, 32 in. Band Saw. Fig. 440, Crescent Machine Co.

*‡5-4184 20 in. Jewel Planer, Model 41, American Saw Mill Machinery Co. (SPM-1770).

*‡5-4186 Drill Steel Sharpener, Model IR-34; Oil Furnace, Model 7F; Jackbit Grinder, Model JA3; Shank Grinder Model 4K (Air Operated). Ingersoll-Rand (SPM-1406).

5-4192 Grinder, Electric, Valve-Refacing, Black and Decker, Code No. 107.

*‡5-4198 Model 80 Skilsaw Drill, Skilsaw, Inc. (SPM-1609).

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‡5-4202 Rodgers Model 22—100-Ton Universal Press with Track-Servicing Attachment and Service Tool Head for Caterpillar Tools, Rodgers Hydraulic, Inc.

*5-4214 3 Aug. 44. Saw, Circular, Woodworking, Portable, Pneumatic 12-in. Blade, Mall, Model P-120.

‡5-4304 Drilling Machines, Buffalo No. 18-0 Drill. Buffalo Forge Co. (SPM-1711).

*‡5-4306 Drill Press No. 16, Pedestal Type with Power Feed. Buffalo Forge Co. (SPM-2003).

‡5-4308 Drill Press, No. 25, Lower-Mounted Motor Drive. Buffalo Forge Co. (SPM-2002).

*‡5-4312 ⅜ Standard Drill, Type A. Black & Decker, (SPM-1295).

‡5-4322 Milwaukee Milling Machines, No. 2H Universal, Louis-Allis Motor, Type OS. Kearney & Trecker Corp. (SPM-1526).

*‡5-4328 Tool and Cutter Grinding Machine, Norton Model No. 2. Norton Co. (SPM-1865).

*‡5-4330 Oliver No. 192 Band Saw, Motor-on-Shaft, Band Sawing Machine, 18-in. Wheels - Ball - Bearing Throughout. Oliver Machinery Co. (SPM-1578).

‡5-4332 No. 260 Saw Bench, Oliver Machinery Co. (SPM-2008).

‡5-4334 "Oliver No. 270 Tilting Arbor Precision Saw Bench, Oliver Machinery Co. (SPM-1581).

‡5-4336 "Oliver No. 51-K Unit-Type, Adjustable Speed, Motor Headstock Lathes for Alternating current, any Phase, 110 or 220-Volts. Oliver Machinery Co. (SPM-1582).

‡5-4342 Models 103, 123, 143, Skilsaw Drills. Skilsaw, Inc. (SPM-1608).

*‡5-4344 Ingersoll-Rand Co. Go-Calyx Drill. Ingersoll-Rand Co. (SPM-1498).

‡5-4352 No. 400B Millers Falls ¼ in. Electric Drill. Millers Falls Tools (SPM-1892).

‡5-4356 No. 61-E Beaver Pipe Threader. Beaver Pipe Tools (SPM-2236).

‡5-4358 Mall Chain and Circular Saw Sharpeners, Tripod-Mounted. Mall Tool Co. (SPM-2031).

*‡5-4366 Van Norman Per-Fect-O Boring Bars, Series 888. Van Norman Machine Tool Co. (SPM-1283).

‡5-4368 Vulcan Pile Extractors. Vulcan Iron Works (SPM-2243).

‡5-4378 Type GPCA Pedestal Grinder, Model 102, 220-Volts, 60-Cycle, 3-Phase, Cincinnati Electrical Tool Co. (SPM-2021).

*‡5-4386 25 to 100-ton Spring Banding Press. Watson Stillman Co. (SPM-2253).

‡5-4388 Thor No. 255 GX. Model No. 5321 Pneumatic Rotary Grinder. Independent Pneumatic Tool Co. (SPM-2336).

*‡5-4390 Thor Model 3532 Drill. Independent Pneumatic Tool Co. (SPM-2640).

*‡5-4392 Thor Model L-257 Drill. Independent Pneumatic Tool Co. (SPM-2641).

‡5-4394 14 in. Wood Cutting and Metal Cutting Band Saws, No. 881, Series 28. Delta Mfg. Co. (SPM-2490).

5-4396 Van Norman No. 303 Brake Drum Lathe. Van Norman Co.

‡5-4402 ¾ in. Heavy Duty Drill Types H, HR, for No. 60 Drill Stands. Van Dorn Electric Co. (SPM-2306).

*‡5-4405 Mall Van-Type Air Driven Concrete Vibrators, Model PV228, Mall Tool Co. (SPM-1744).

5-4420 Grainer, Plate, Lithographic-Offset, Motor-Driven, 110-Volt, 60-Cycle, AC, with Accessories to Accommodate Two 27½x28⅝ in. Plates, Zarkin (Zenith), 33x62 in.

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TM

‡5–4422 Cincinnati Model 2, Type MH Plain, Universal, Vertical Milling Machines, with 3-way Power Rapid Traverse. Cincinnati Milling Machine Co. (SPM–2534).

‡5–4542 Allen Model E–32 Growler with Adjustable Rheostat. Allen Electric & Equipment Co. (SPM–2027).

*‡5–4550 Riveter, Lightweight, Size AVC–13, Ingersoll-Rand Co. (SPM–1505).

‡5–4552 Sizes 1H, 1L, 1M, 1N, 1P Multi-Vane Drills. Ingersoll-Rand (SPM–1509).

*‡5–4556 R–63 Paving Breaker. Ingersoll-Rand Co. (SPM–1885).

‡5–4558 17 in. Drill Press. Delta Mfg. Co. (SPM–2442).

‡5–4562 "Oliver" No. 166 Hand Planer and Jointer. Oliver Machinery Co. (SPM–1579).

*‡5–4564 "Oliver" No. 462 Vulkan Electric Brazer for Band Saw Blades. Oliver Machinery Co. (SPM–1580).

*‡5–4570 No. 312AB Millers Falls ½-in. Standard Electric Drill (can be used in Drill Stand No. 1238). (SPM–1966).

‡5–4576 Rotary Drill, Model 5200, Independent Pneumatic Tool Co. (SPM–1492).

*‡5–4578 Rotary Grinder (Thor) No. 360 Model 5290. Independent Pneumatic Tool Co. (SPM–1483).

‡5–4584 ¾ Heavy Duty Drill, Type H, No. 60 Drill Stand. Black & Decker (SPM–2073).

‡5–4586 ½ Heavy Duty Drill, Type E. Black & Decker. (SPM–2075).

*‡5–4616 Federal Longitudinal Gear-Driven Seam Welder. Type S2–24–LG. Serial Nos. 9560–9562. Federal Machine & Welder Co. (SPM–1722).

*‡5–4617 Federal Longitudinal Gear-Driven Seam Welder. Type S2–24–LG. Serial Nos. 9722, 9723, 9724, Federal Machine & Welder Co. (SPM–1723).

*‡5–4618 Federal Circular Gear-Driven Seam Welder. Type S2–24–CG. Serial Nos. 9755 to 9761 Incl. The Federal Machine & Welder Co. (SPM–1717).

*‡5–4619 Federal Longitudinal Gear-Driven Seam Welder. Type S2–24–LG. Federal Machine & Welder Co. Serial Nos. 9725 and 9727. (SPM–1725).

*‡5–4620 Federal Circular Knurl-Driven Seam Welder. Type S2–18–CKD. Serial Nos. 9854 to 9857. The Federal Machine & Welder Co. (SPM–1714).

*‡5–4621 Federal Circular Gear-Driven Seam Welder. Type S2–24–CG. Serial Nos. 9573 to 9579. The Federal Machine & Welder Co. (SPM–1713).

*‡5–4622 Federal Foot-Operated Spot Welder. Type R3–12–F. Serial Nos. 9852 to 9853. The Federal Machine & Welder Co. (SPM–1716).

*‡5–4623 Federal Circular Gear-Driven Seam Welder. Type S2–24–CG. Serial Nos. 9748 to 9754. The Federal Machine & Welder Co. (SPM–1724).

*‡5–4624 Federal Longitudinal Knurl-Driven Seam Welder. Type S2–24–LK. Serial Nos. 9388 to 9899. The Federal Machine & Welder Co. (SPM–1715).

*‡5–4625 Federal Motor-Operated Spot Welder. Type R5–24–M. Serial Nos. 9716–9718; 9728–9731; 9736–9738; 9742–9744. Federal Machine & Welder Co. (SPM–1719).

*‡5–4626 Federal Motor-Operated Spot Welder. Type R5–24–M. Serial Nos. 9557–9559 Incl.; 9563–9572 Incl.; Federal Machine & Welder Co. (SPM–1718).

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*‡5–4627 Federal Motor-Operated Spot Welder. Type R5–24–M. Serial Nos. 9719–9721; 9732–9735; 9739–9741; 9745–9747. Federal Machine & Welder Co. (SPM–1720).

‡5–4628 Nos. 106, 108 and 112 Combination Pipe-Cutting and Grooving Tools. Beaver Pipe Tools. (SPM–2237).

‡5–4630 Tool Post Grinder, Type PA–Y, 115 Model. Cincinnati Electrical Tool Co. (SPM–2009).

*5–4642 31 March 44. Press, Drill, Upright-Type, Motor-Driven, 220-Volt, 60-Cycle, AC, Back-Geared, Drill to Center of 22-in. Circle, 1-in. Drill Capacity, Buffalo, No. 22.

*‡5–4644 Carlton Radial Drill, Type 1A. Barney Machinery Co. (SPM–1790).

*‡5–4656 431 Myers Jack, AB Wisconsin Engine, 2¼x18x67 in. Myers Fig. 3102 Double Acting Working Barrel. (SPM–2081).

*‡5–4664 Brown & Sharpe, Nos. 1, 2, 3 and 4, Universal Grinding Machines. Brown & Sharpe Mfg. Co. (SPM–1830).

*‡5–4670 U. S. Tool Post Grinder, Model RA ½ H.P. U. S. Electrical Tool Co. (SPM–2025).

*‡5–4672 Floor Grinder No. 185. Bridgeport Safety Emery Wheel Co., Inc. (SPM–1313).

*‡5–4682 Mill Band Saw. 30-in. Yates-American Machinery Co. (SPM–1211).

‡5–4684 American 12-Speed Hole Wizard. (Drill). American Tool Works Co. (SPM–2079).

‡5–4690 Oster No. 562 "Tom Thumb," A complete Portable Pipe Threading Machine. Oster Mfg. Co. (SPM–2071).

‡5–4694 No. P908-910 Jointers. Walker-Turner Co., Inc. (SPM–1815).

‡5–4700 No. 12 Candey-Otto, 8-Speed Radial Drill, 3, 4 & 5-ft. Candey-Otto Co. (SPM–2500).

*‡5–4720 Test Racks, No. 6ET and 14EL Equipment. Westinghouse Air Brake Co. (SPM–1495).

‡5–4724 Sharpener, Chain Saw, Electric Motor Driven, Type 2, Model ELS with Dunmore Motor, Model 11, Lofstrand Co., (SPM–2457).

*‡5–4726 Cabinet-Type Armature and Coil Baking Oven. Detroit Sheet Metal Works. (SPM–1942)

‡5–4732 Model 104, ¼" Standard Universal Drill. Type USL. Cincinnati Electrical Tool Co. (SPM–2551).

‡5–4734 Model 110, ½" Light Universal Drill, Type UO. Cincinnati Electrical Tool Co. (SPM–2552).

‡5–4736 ¾" Universal Standard Drill, Model 125, Type UWY. Cincinnati Electrical Tool Co. (SPM–2554).

*‡5–4738 Model 102 Machine Drill Stand, Type 00, Cincinnati Electrical Tool Co. (SPM–2555).

‡5–4740 Switch Handle Assembly. VanDorn Electric Tool Co. (SPM–2307).

*‡5–4742 12-Speed Radial Drill. Candey-Otto Co. (SPM–2519).

5–5020 42. Electric Generating Set 30 KW Model RD–14–A.

5–5022 Electric Generating Set, 15 KW Model RD–6–A.

5–5024 30 Sept. 42. Generator Set, Portable, Gasoline Engine-Driven Skid-Mounted, 3-kw, 115-volt, 1-phase, 60-cycle, Onan Model W3M.

5–5026 11 Dec. 42. Generator Set, Portable, Diesel, Skid-Mounted, 15–KW, 127/220–Volt, 3–Phase, 60–Cycle, or 230/400–Volt, 3–Phase, 50–Cycle, Ready Power, Model RD–6A.

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## ENGINEERS—Continued

TM

5-5030 2 Jun. 43. Generator Set, Portable, Gasoline Engine-driven Skid-Mounted, 3-kw, 115-Volt, 1-Phase, 60-Cycle, Onan Model W3M-5 (Generators above No. 49766).

5-5032 2 Jun. 43. Generating Set, SKVA, 115 Volts, 60 Cycle, Single Phase A.C. Skid Mounted, Gasoline Engine Driven, Model W3M-16.

5-5034 1 Sept. 43. Generating Set, 1½ KVA. 115 Volts, 60 Cycle, Single Phase, A.C. Portable, Gasoline Engine Driven, Model HRUA.

5-5036 10 Jun. 44. Generator Set, Portable, Gasoline Engine-Driven, Skid-Mounted, 1½-KW, 115-volt, 1-Phase, 60-Cycle, Homelite, Model HRA.

5-5038 Class WK-60, 2-stage, Truck Mounted Gasoline-Engine-Driven Compressor. Sullivan Machinery Co.[1]

5-5040 13 May 44. Generator, Acetylene Gas, Portable, Sight Feed, Model M-12-SP.

5-5042 27 Nov. 42. Portable Air Compressor. Model 500-Class PO-S.

5-5044 30 Sept. 42. Generator Set, Portable, Gasoline Engine-Driven, Skid-Mounted, 5-kw, 110-volt, 1-phase, 60-cycle, AC, Onan, Model W3M.

5-5046 21 Jul. 43. Charger, Battery, Fast, 50 Amp. Capacity, Dry Plate Type, Benwood Linz Model 50 Supercharger, Type 448C2.

*5-5048 21 May 43. Charger, Battery, 50 Amps Capacity, Fast Charger Dry Plate Rectifier, Model 50 CC1.

5-5050 Dec. 43. Generator Set, Portable, Diesel Engine-Driven, Skid-Mounted, 50-kw, 127/220-Volt 3-phase 60 cycle, or 230-400-volt, 3-phase, 50 cycle, Cummins, Model H-6.

5-5060 30 Nov. 42. Motorized Air Compressor (Model 105 Ga), *C 1.*

5-5064 Schramm Fordair Air Compressor. Schramm Inc.

5-5066 28 Apr. 44. Generator Set, Portable, Diesel Engine-Driven, Skid-Mounted, Enclosed, 30-KW, 127/220-Volt, 3-phase, 60-cycle 230/400-volt, 3-phase, 50-cycle, Ready-Power, Class EG, 30, Model RD-14-A.

5-5068 4 May 44. Generator Set, Portable Diesel, Skid-Mounted, Enclosed, 15-kw, 127/220-volt, 3-phase, 60-cycle or 230/400-volt, 3-phase, 50-cycle, Ready Power, Model RD-6A.

5-5070 19 Apr. 43. Generator and Charging Plant, Acetylene Gas, Semi-Trailer-Mounted, 500-CFH Linde, Model L-16.

5-5071 13 Apr. 43. Charging Plant, Acetylene Cylinder, Semi-Trailer-Mounted with Dolly 500 CFH Linde, Model L-16.

5-5080 Dec. 43. Generator Set, Portable, Oil Engine Driven, Base-Mounted, 15-KW, 127/220-Volt, 3-Phase, 60-Cycle or 125-KW, 230/400-Volt, 3-Phase, 50 Cycle Rodgers; Model G-2030.

*5-5082 April 44. Generator Set, Portable, Oil Engine-Driven, Enclosed, Skid-Mounted, 15-Kw, 127-220-Volt, 3-Phase, 60-Cycle, or 230-400-Volt, 3-Phase, 50-Cycle, Rogers, Model G-2151 (Serial No. 1248 through 1547).

5-5084 Dec. 43. Generator Set, Portable, Oil Engine Driven, Base-Mounted, 15-KW, 127/220-Volt, 3-Phase, 60-Cycle or 125-Kw, 230/400-Volt, 3-Phase, 50-Cycle Rodgers; Model G-2030.

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‡Not available.

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TM

5-5090 27 Sep. 43. Generator Set, Portable, Diesel, Base-Mounted, 30-kw, 127/220-volt, 3-phase, 60-Cycle, or 230/400-volt, 3-phase, 50-Cycle, Buda, Model 6-Buda, Model 6, DTG-317.

5-5096 Dec. 43. Compressor, Air, Portable, Gasoline Engine-Driven, 16-CFM, Quincy, Model 216 with Kiekhaefer Engine, Model KB 6F.

5-5100 1 Jun. 43. Compressor, Air, Trailer-Mounted, Steel Wheels, Diesel, 315-efm, Ingersoll-Rand, Model IK-315, *C 1.*

‡5-5102 Type 40 Compressor, Size HK-210 Ingersoll-Rand. (SPM-1858).

‡5-5104 Model D60 Gasoline-Engine-Driven Portable Air Compressors. Ingersoll-Rand (SPM-1033).

5-5106 17 Feb. 44. Compressor Air Trailer-Mounted, Pneumatic Tires Gasoline Engine-Driven, 55-CFM, Ingersoll-Rand, Model 6R-50, with Wisconsin Engine, Model VF-4.

5-5118 Welder, Electric Arc, Motor-Driven, 300-amp, Shop Wheel-Mounted, Hobart, Model MR-300P.

5-5120 26 Feb. 43. Welder, Electric Arc, Gasoline Engine-Driven, 300 amp, Shop Wheel-Mounted, Hobart, Model GR-300-P, or Skid-Mounted, Model GR-300-S.

*5-5122 23 Sept. 43. Welder, Electric Arc, Gasoline Engine-Driven, 300 Amp, Skid-Mounted, Hobart, Model GR-300S, Specification No. 840.

5-5124 Feb. 43. Welder, Electric Arc, Gasoline Engine-Driven, 300-amp, Skid-Mounted Hobart, Model GR-300-S (Spec 856A).

5-5126 26 Feb. 43. Welder, Electric Arc, Gasoline Engine-Driven, 300-amp, Skid-Mounted, Hobart, Model GR-300-S (Spec 856A, 856B, 856C).

5-5160 30 Oct. 43. Generator Set, Portable, Diesel, Skid-Mounted, 60-kw, 127/220-Volt, 3-Phase, 50-Cycle, General Motors, Model 6016-C.

5-5162 9 Aug. 43. Generator Set, Portable, Diesel, Skid-Mounted, 60-kw, 120/208-Volt, 3-Phase, 60-Cycle, General Motors, Model 6016-A or 6016-B.

‡5-5178 Air Compressor, Model A-140-U Electric Motor Power, Truck-Mounted American Brakeshoe Co. (SPM-1947).

‡5-5180 Diving Air Compressor, Gas-Engine-Driven, Models TTS-501, TTS-502. DeVilbiss Co. (SPM-1990).

‡‡5-5182 DeVilbiss Air Compressor Outfits, Single Stage, 2 Cylinders. DeVilbiss Co. (SPM-1890).

‡5-5184 Compressor, Air, Single-Stage-Type Electric-Motor-Driven, 27 CFM, Model Q-2-B. Curtiss Mfg. Co. (SPM-1943).

*5-5200 20 March 44. Generator Set, Portable, Diesel Engine-Driven, Skid-Mounted, 30-W, 127-220-Volt, 3-Phase, 60-Cycle, 230-400-Volt, 3-Phase, 50-Cycle, Buda, Model 6-DTG-317.

‡‡5-5322 Onan Model No. WC-10-M, Electric Plant. D. W. Onan & Sons (SPM-18-20).

‡‡5-5342 Engine Generator Set, Model 5 AXP. LeRoi Co. (SPM-1294).

‡5-5344 Engine-Generator Plant, Type 15E Spec. No. 1, Continental Motors Corp. (SPM-14-14).

‡‡5-5346 Air Compressor, Model HK-315. Ingersoll-Rand Co. (SPM-1499).

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ENGINEERS—Continued

TM

5-5348 Tournacar Welder, R. G. LeTourneau, Inc. (SPM-1533).

‡‡5-5350 Welder, Gasoline Driven, Model SK-200 Dumore Electric Arc., Inc., (SPM-2208).

‡‡5-5366 Caterpillar D8800 Diesel Engine; 88-50 Electric Set; D-7700 P.U. Caterpillar Tractor Co. (SPM-1955).

‡‡5-5376 Generators, Type 2022-G, 2023-G and 1800-R16. Leece-Neville Co. (SPM-2005).

‡‡5-5378 Dualara Welding Generators, Electric Arc, Inc., (SPM-2083).

‡‡5-5380 Kohler of Kohler Electric Plants, 1½ and 2KW Models, 110-220 Volt DC. Kohler Co. (SPM-1177).

‡5-5388 Model 4B12 Delco Lights, Delco Appliance Division, General Motors Corp. (SPM-1170).

‡‡5-5390 Delco Light Service Instructions. Delco Appliance Division, General Motors Corp. (SPM-1756).

‡‡5-5398 Pioneer Air Compressor for Model SP ¼. Pioneer Air Compressor Co., Inc. (SPM-2274).

‡5-5444 Type 40, Model D60-PA Two-stage Air Compressors. Ingersoll-Rand Co. (SPH-2042).

‡‡5-5448 Type 40, Model D-85, Two-Stage Air Compressors. Ingersoll-Rand Co. (SPM-2088).

‡5-5450 Model HK-105, Type 40, Portable 2-Stage Air Compressors. Ingersoll-Rand Co. (SPM-2276).

‡5-5456 Hobart Electric-Motor-Driven Arc Welder; Multi-Range; Generator, 300-Amp., 40-Volt, Motor, 3-Phase 220/440-Volt, 60-Cycle, 20-HP, Model MR-300, Specs. No. 830A. Hobart Bros. (SPM-2078).

‡‡5-5460 Engine, Model XF1-11, 5KVA Generating Sets. LeRoi Co. (SPM-1045).

‡‡5-5462 25 KW Gasoline-Electric Generating Sets; Type GM-12, General Electric Co. (SPM-2061).

‡5-5480 Electric Generating Set, 2½ KW, Model BX-2435. United States Motor Corp. (SPM-2522).

5-5482 Arc Welder, Gasoline-Engine-Driven, EW-91. Hobart Bros. (SPM-2301).

5-5900 5 Oct. 43. Trailer, 2-Wheel Utility, Pole-Type, 2½-ton, Type III, Triangulation Tower, Meili-Blumberg, Model 15-T.

‡5-6000 U. S. Army Field Cameras, Lanston Monotype Machine Co. (SPM-1162).

‡5-6006 Camera, Copying, Complete with accessories, 24 x 30". Rutherford Machine Co.

‡‡5-6008 Class 1300 and 2000 Multilith Duplicator. Addressograph. Multigraph Corp.

‡5-6020 ATF-Webendorfer Big Chief 20 Offset Press. American Type Founders.

‡5-6022 Lithographic Press, Harris LTE. Mobile Reproduction Unit. Corps of Engineers. Harris Seybold Potter Co.

‡5-6040 Camera, Copying, Complete with accessories 24 x 24". Rutherford Machine Co.

‡5-6042 Vacuum Printing Frame, Model AF-101. Harold M. Pitman Co. (SPM-2262).

§‡5-6044 Lithographic Whirler, Model AW101, Harold M. Pitman Co.

‡‡5-6046 12B1-25 Airflow Printing Lamps. MacBeth Arc Lamp Co. (SPM-1956).

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‡Not available.

§Not in stock, not to be requisitioned.

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TM

‡5-6048 Beattie Field Process Camera No. 52C.

‡5-6050 Camera Vertical Projection, Portable, Huebner, 10 x 10-in., with accessories.

‡5-6052 Vacuum Printing Frame, Model AF-103. Harold M. Pitman Co. (SPM-2089).

‡5-6054 Vacuum Printing, Frame Model AF-103. Harold M. Pitman Co. (SPM-1587).

‡‡5-6100 Vacuum Machine Model C. Hunter Electro-Copyist, Inc. (SPM-1314).

‡‡5-6102 Pease Model "12" Continuous Blue-Printing, Developing and Electric Drying Equipment. (SPM-1588).

‡‡5-6104 Duplicating Machine, Duplicator Model 221 with Suction Feeder Model 816. Davidson Mfg. Corp. (SPM-1763).

‡‡5-6106 Model 4 Continuous Photostat Corp. (SPM-3009).

‡‡5-6110 Model 55 Printer. Charles Bruning Co. (SPM-1371).

‡‡5-6112 Printer, 4BW. Charles Brunning Co. (SPM-1373).

‡‡5-6114 Ozalid Models "E" and "F" Whiteprint Machine. Ozalid Products Division (SPM-1586).

‡‡5-6116 Model 75 Mercury Printer Model 159 Volumatic Developer. Charles Bruning Co. (SPM-1369).

‡‡5-6118 Model 154 B-W Developer. Charles Bruning Co. (SPM-1370).

‡‡5-6128 U. S. Army Field Cameras. Lanston Monotype Co. (SPM-1853).

5-7040 Searchlight, 60 in., General Electric Models 1941 and 1941A.

5-7042 Sep. 42. Searchlight, Portable, 60-inch Antiaircraft.

5-7044 Trailer, Tilting-Type, Searchlight, 60-in., 4-Wheel, Fruehauf, Model 1131, Type M-1.

5-7045 4 June 43. Searchlight, 60-inch General Electric Model 1942 and Control Station.

5-7046 4 June 43. Searchlight, 60-inch General Electric Model 1942 and Control Station.

5-7048 4 June 43. Portable Power Plant for Searchlight, 60-in. General Electric Model 1942.

5-7060 21 May 43. Generator Set, Portable, Gasoline Engine-Driven, Searchlight, with Carrying Case 400-Watt, 12-Volt, DC, Delco, Model 4-B-12.

5-7070 1 Aug. 43. Winch, Barrage Balloon, Portable, Low Altitude, Wilson, U. S. Type, Model W-3 M-1 (Series Nos. 1001 to 1228) with Waukesha Engine, Model 6 BKU.

*5-7072 17 Dec. 43. Winch, Barrage Balloon, Portable, Skid-Mounted, Gasoline, Engine-Driven, Low Altitude, Wilson, Model W-4 Type U-1, with Waukesha Engine, Model BKU.

5-7090 30 Apr. 44. Winch, Barrage Balloon, Portable Very Low altitude, U. S. Type Model (VLA) M-1 with Waukesha Engine Model 150-U.

‡5-7100 60-inch Antiaircraft Equipment Model 1941. Sperry Gyroscope Co. (SPM-2055).

‡5-7106 Sperry Airborne Equip. Searchlight 60", M-1. Control Station and Power Plant. Sperry-Gyroscope Co., Inc. (SPM-2521).

5-7112 Searchlight, 60-inch, General Electric, Model 1942A (parts catalog).

5-7115 Nov. 43. Portable Power Plant Searchlight, 60-in. Model 1942A.

5-7116 Nov. 43. Portable, Power Plant Searchlight, 60-in. Model 1942A.

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ENGINEERS—Continued

TM

5-7120 Dec. 43. Generator, Hydrogen Gas, High Pressure, Ferro-Silicon Method Gasoline Engine-Driven, Trailer Mounted, Model KHPG-1, Type A1 with Hercules Engine Model IXB. (Parts manual only)

‡5-7132 60-inch Antiaircraft Searchlight Mobile and Portable, Model 1934 Sperry Gyroscope Co. (SPM-2052).

‡5-7134 60-inch Antiaircraft Searchlight Equipment, Model 1937. Sperry Gyroscope Co. (SPM-2046).

‡5-7136 60-inch Antiaircraft Equipment Model 1939. Sperry Gyroscope Co. (SPM-2057).

‡5-7138 60-inch Antiaircraft Searchlight Equipment, Model 1940. Sperry Gyroscope Co. (SPM-2054).

‡5-7140 60-inch Antiaircraft Searchlight Equipment, Model 1941-A, Sperry Gyroscope Co. (SPM-2050).

5-8002 Outboard Motor (Model TSL-15).

‡5-8012 Evinrude Speedifour, Model 7035, Evinrude Motors. (SPM-1122).

‡5-8014 Elto Lightwin, Models 4313-4314. Evinrude Motors.

‡5-8016 Evinrude Speeditwin, Models 6039-6041. Evinrude Motors.

5-8020 3 Dec. 43. Boat, Utility, Power, 18-ft. Penn-Yan, Model AT.

5-8058 9 Sept. 43. Crane, Truck-Mounted Bridge Erector, Hydraulic-Operated, Daybrook, Model M-11A.

5-8060 21 Nov. 43. Crane, Truck-Mounted, Bridge Erector, Hydraulic-Operated, Daybrook, Model M-11.

5-8062 28 Jan. 43. Steel Treadway Bridge Equipment, Truck Body and Hydraulic Crane (Model M-11).

5-8064 27 Aug. 44. Crane, Truck-Mounted, Bridge Erector, Hydraulic-Operated, Heil, Model M-11A.

*‡5-8080 Outboard Motor, 400 Series. Johnson Motors. (SPM-1523).

*‡5-8086 Schramm Ponton Inflation-Deflation; Manifold Instruction. Schramm, Inc. (SPM-1603).

5-9002 5 May 43. Trailer, 2-Wheel Pole Type Trestle, Model T-1120-A for 10-ton Ponton Bridge Equipment or 18-ft. Utility Power Boat.

5-9004 8 Sept. 42. Trailer, Model No. XBBM 16-ton Low Bed.

5-9006 25 Sept. 42. 10-ton Ponton Trailer Model DF231 Special.

5-9008 25 Sept. 42. Ponton Dolly, Model DC2 Special.

5-9010 19 Sept. 42. Power Vice Stand No. 422.

5-9012 15 Oct. 42. 25-ton Ponton Trailer (Model DF231 Special).

5-9014 15 Feb. 43. Semi-Trailer, Special, Drop-Frame, 25-ton Ponton, Electric Wheel.

5-9018 14 Apr. 43. Semi-Trailer, Special, Drop-Frame, 25-ton Ponton, Trailer Co. of America.

5-9022 5 Oct. 43. Trailer, Full, Low-Bed, 20-ton, Rogers Model H-20-LS-4 and H-20-LS-6.

5-9024 20 Oct. 42. Threading Machine, Pipe Thread, Motor-Driven, ½ to 2-in., Oster, No. 502.

5-9026 2 Nov. 42. Trailer, Full, Low-Bed, 16-ton. LaCrosse, Model DF-6-16-A, ES T-1042.

5-9028 7 Mar. 43. Lubricator, Trailer Mounted, Model No. 2430.

5-9030 3 Nov. 42. Ponton Trailer, Model 10-ton 2-wheel, Pole Type.

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TM

5-9032 7 Jul. 43. Trailer, Full, Flat Bed, 8-ton, (Model CPT 8 Special).

5-9034 3 Feb. 43. Semi-Trailer, Flat Bed, 20-ton, Model CPT 20, Special with DC 4 Dolly.

5-9036 28 Apr. 43. Semi-Trailer Water Tank 1500 Gallon Capacity.

*5-9038 28 Jan. 44. Plow, Snow, Straight Blade, Underbody Type, 4-Ton 6 x 6, or 6-Ton 6 x 6 Truck Mounted, Standard Ordnance Truck, Willet, Model HRTA.

5-9040 15 Dec. 42. Trailer, Full, Low-Bed, 16-ton, LaCrosse, Model DF6-16-C, ES T-1042A.

5-9042 15 Dec. 42. Trailer, Full, Low-Bed, 16-ton, LaCrosse, Model DF6-16-B.

5-9044 15 Dec. 42. Trailer, Full, Low-Bed, 16-ton, LaCrosse, Model DF6-16-C, ES T-1042A.

5-9054 Trailer, Full, Low-Bed, 20-ton, LaCrosse, Model DF6-20.

5-9056 15 Jun. 43. Semi-Trailer, Acetylene Charging Plant, Model FF428DF Special with DC4 Dolly.

5-9058 23 Apr. 43. Trailer, Two Wheel for Arc Welder or 7.5 KVA Generator Model d-1752-S.

5-9059 28 Sept. 44. Trailer, 2-wheel special, 1¼-ton, Arc Welder, Model D-1752-S.

5-9060 24 Mar. 43. Crane, Tractor-Operated, Non revolving 40,000 lb. Capacity at 10 ft. Radius, 20 ft. Boom LeTourneau, Model M-20.

5-9062 7 Apr. 43. Power Control Unit, Cable Operating, Rear-Mounting, 1-Drum, Reversible, LeTourneau Model HN.

5-9064 23 Apr. 43. Trailer, 2-wheel Pole Type for 10-ton Ponton Bridge Equipment, Model 1938.

5-9066 28 Jun. 43. Trailer, 2 Wheel Pole Type, Trestle 10-ton Ponton Bridge, Model D-1820-S with Superstructure for Power Utility Boat.

5-9068 31 May 43. Dolly 2-wheel, Semi-Trailer, Flat-Bed, 4½ ton, 2-Dual Tires Hobbs Model D-45.

5-9070 29 Jan. 43. Dolly, 2-Wheel Medium Type 2, 7-ton capacity.

5-9072 20 Jan. 43. Trailer, 2-Wheel Utility, Pole-type 2½-ton type I, Infantry Raft Equipment and/or Pneumatic Bridge Equipment Deere Model D-2252.

5-9074 27 May 43. Trailer, Two-Wheel, Utility, Pole Type, 2½-ton, Type I, Infantry Support Raft and/or Pneumatic Bridge Equipment Model D-2424.

5-9076 17 Mar. 43. Trailer, Two-Wheel, Pole Type Trestle, 10-ton Ponton Bridge Equipment Model D-1665.

5-9078 Jul: 43. Sweeper, Rotary-Broom, 3-wheel Trailer Mounted, Gasoline, Two Way Sweeping 30 in. x 8 ft. Brush, Grace Model MD 100.

5-9080 12 Nov. 42. Grease Gun Kit, Model PK-100.

5-9082 13 Feb. 43. Sweeper, Rotary, Tractor Mounted Power, Take-Off Drive (Model K).

5-9084 31 May 43. Trailer, Dump, 2-wheel, ½ ton, Airborne.

5-9086 25 Aug. 43. Ice Plant, One Ton, Manually operated Portable Skid Mounted, Gasoline Engine Driven, Model V-50 with Continental Engine Model Y69.

5-9088 Ice Plant, 15-Ton Frick, Model ISQDW.

5-9090 23 Nov. 42. Ice Plant, Model 5 x 5 AU 3.6 ton.

5-9094 24 Jun. 43. Refrigeration Equipment, Automatic control Gasoline Engine Powered, Model OCE 300 FLG-A with Continental Engine Model PY 69.

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ENGINEERS—Continued

TM

5-9096 9 Aug. 43. Refrigeration Equipment, Motor Driven, for Prefabricated Warehouse, Carrier Model OCE-300-FLE-A with Wagner Motor Type RP.

5-9100 4 Feb. 43. Incinerator Model MB34, 2,000 lbs. pr. hr.

‡5-9102 4-Ton Capacity, Tilting Bed Trailer, Commercial Shearing & Stamping Co. (SPM-1120).

‡5-9104 Hypressure Jenny Steam Cleaner, Model JM-i Homestead Valve Mfg. Co. (SPM-1928).

5-9106 17 Mar. 44. Ice Plant, 15-ton, Equipment Only, Frick Model, 7x7 (Enclosed 208/400 Volt, "W").

5-9108 14 April 44. Plow, Snow, Straight Blade, 1¼-ton, 4 x 4, or 2½-ton, 6 x 6, Truck-Mounting R2-21A.

5-9110A 5 May 44. Semi-Trailer, Van-Type, with Dolly, Heil, Model O2A (For use with Independent Model O2B Oxygen and Nitrogen Gas Generator and Charging Plant.

5-9112 Generating and Charging Plant, Oxygen and Nitrogen Cylinder, 500-cfh Oxygen, 100-cfh, Nitrogen, Semi-Trailer-Mounted, with Dolly Air Products, Model 21300-D.

5-9114 7 Jan. 44. Plow, Snow, V-Blade—Or Straight Blade, One-Way Type ¼-ton 4 x 4 Truck Mounting without Wing, Standard Ordnance Truck Wausau J or JB.

5-9116 25 Mar. 44. Mower, Tractor-Drawn, Cutter-Bar Type, Iron Wheels, 7 ft. Cutter Bar, Case Model 57.

*5-9118 30 Aug. 43. Sweeper, Rotary, Broom, Tractor Mounted and Powered, One Way Sweeping, 30" x 6' Brush, Hough Model M.

5-9120 Mar. 44. Shop, Engineer, Motorized, Aviation Battalion, Couse, Types "A" & "B" (chassis only).

5-9122 Mar. 44. Shop, Engineer, Motorized, Aviation Battalion, Welding, Couse Type A (Parts Catalog for Equipment Only).

5-9123 Mar. 44. Shop, Engineer, Motorized, Aviation Battalion, Welding, Couse, Type A (Maintenance Instructions for Equipment Only).

5-9126 Mar. 44. Shop, Engineer, Motorized, Aviation Battalion, Machine, Couse Type B. (Parts Catalog for Equipment Only).

5-9127 Mar. 44. Shop, Engineer, Motorized, Aviation Battalion, Machine, Couse, Type B (Maintenance Instructions for Equipment only).

5-9132 30 Aug. 43. Auger, Earth, Skid-Mounted, Gasoline, Highway Trailer Model HDM-S with Continental Engine, Model PF-226.

*‡5-9136 20" Heavy Duty Band Saw, Model 72B. American Saw Mill Machinery Co. (SPM-1009).

5-9138 12 Jul. 43. Sweeper, Rotary-Broom, 4-wheel Trailer Mounted, Gasoline, two-way Sweeping 30 in. x 8 ft. Brush, Hough, Model TuWay.

5-9140 Nov. 43. Heater, Gasoline Burning, Electrically Operated 18,000-BTU Evans, Model 203435 (For Mobile Machine Shop).

‡5-9142 Auger, Earth, Motorized, Model HBG-40 (The Buda Co.).

5-9144 1 Jul. 43. Shower, Unit, Field, Portable with Heater 32 Shower Heads, Wallace and Tiernan (Novadel Agene Corp.), Model A-529.

‡5-9150 Towing Winch, Model D7N for Caterpillar D7 Tractor, Williamette-Hyster Co. (SPM-2086).

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TM

‡5-9152 Towing Winch, Model D6N for Caterpillar D6 Tractor, Williamette-Hyster Co. (SPM-2067).

5-9154 6 Aug. 43. Rooter, Road, Cable-Operated 3-Tooth, with Cable-Laying Attachments, LeTourneau Model B.

5-9156 7 Aug. 43. Dolly, Two-Wheel, Dual Tire, Semi-trailer flat bed, 4½-ton.

5-9158 7 Oct. 43. Derrick, Truck Mounted Cable, Winch Powered Model 5-ton.

5-9160 28 Jul. 43. Pump, Turbine, Deep Well for Gasoline, 4 in. Discharge, 150 foot head, Gasoline Engine Driven, Model P1-606 with Wisconsin Engine Model AHH.

5-9162 18 Mar. 44. Pumping Station, 3-in., Portable, with 2 Gasoline Engine-Drive Centrifugal Pumps, 1 Sand Trap, 1 Discharge Section, 1 Main Line Header Section, 1 Set of Automatic Controls, 285 barrels per hour against a Pressure Differential of 600 lb. McGregor and Reed.

5-9164 Jan. 44. Hammer, Pneumatic or Steam, Pile Driven, 5000 lb. McKiernan-Terry No. 7.

5-9170 Aug. 43. Heater, Gasoline-Burning with Blower, 110 Volt, 60 Cycle, AC, Hunter (Model UH-3).

5-9172 15 Nov. 43. Derrick, Stiff-Leg 25-ton, Wiley (10 to 25-ton).

5-9174 8 Sept. 43. Trailer, Two-Wheel, Special Pole Type Flat Bed, for Quickway Crane Shovel Attachment, Model T-8.

‡5-9176 Jaeger Model 2A Dixie Special Hoist with Model XAHU Waukesha Engine Jaeger Machine Co.

5-9180 12 Jul. 43. Diving Equipment, Set No. 2, Shallow-Water Ohio Rubber.

5-9184 15 Aug. 43. Trailer, 2-Wheel Utility, Pole-Type 2½-ton, Type II, Trestle Bay Load 10-ton Ponton Bridge, Kentucky Mfg. Co. Model D-2471.

5-9190 21 May 43. Trailer, Two-Wheel, Utility, Pole-Type, 2½-ton, Type 5, Storm Boat, Model D-2476.

5-9200 8 Oct. 43. Trailer, Full Low-Bed, 16-ton Stell Products Model XBBM.

5-9202 Dec. 43. Trailer Full Low-Bed, 16-ton Model LKD-616.

5-9204 Dec. 43. Trailer, Full, Low-Bed, 16-ton, LaCrosse Model DF6-16.

5-9208 18 March 44. Semi-Trailer, Low-bed, with Dolly, 20-ton, Jahn, LKD-620.

*5-9210 27 March 44. Trailer, Full, Low-Bed, 20-Ton, Rogers, Model H-20-LS-14.

‡5-9212 Trailer, Full, Low-Bed, 60-Ton, Rogers, Model D-60-D-S-5.

*5-9216 16 March 44. Semi-Trailer, Low-Bed, with Dolly, 20-Ton, LaCross, Model DFG-20.

*5-9218 25 Sept. 44. Semi-trailer, Low-Bed, 20-Ton, Model 20-T, with Model 20-TD Dolly.

5-9230 9 Oct. 43. Crane, Tractor-Operated, Non-Revolving, 20,000-lb. Capacity at 10-ft. Radius, 30 ft. Boom LeTourneau, Model AD-3.

‡5-9234 Portable Circular Sawmill, Model I-C Corinth Machinery Co.

‡5-9240 Jaeger Model 2D3 Hoist with Model UD-18 International Diesel Engine, Jaeger Machine Co.

‡5-9242 Engine, Caterpillar, Diesel D-13000 Caterpillar Tractor (SPM-1081).

‡5-9244 Ice Maker, Gasoline-Driven, One Ton, Portable Compressor, Carrier Corp., Model 7K4. Victor Products Co.

| NUMBER | DATE, TITLE AND CHANGES |
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ENGINEERS—Continued

TM

5-9250 18 Oct. 43. Gate, Valve Sections, 4-in. Pipe Line, Consisting of one 4-in. Gate Valve Fabricated into a 20 ft. Section of Pipe Grooved for Victulic Couplings Niemes.

5-9252 9 Mar. 44. Gate Valve Section, 4 in. Pipe Line, Consisting of one 4-in. Gate Valve Fabricated into a 20-ft. Section of Pipe Grooved for Victaulic Coupling Mutual.

‡5-9260 Knockdown Type Sectional Coolers, Grand Rapids Cabinet Co. (SPM-2070).

5-9262 U. S. Standard No. 1 and No. 2 Refrigerator.

‡5-9264 No. 1 Prefabricated Warehouse. Hussman-Ligonier Co.

#‡5-9266 Refrigeration Equipment for 20'x100' Refrigerated Warehouse. Hussman-Ligonier. (SPM-1480).

‡5-9268 Refrigeration Equipment for 20'x52' Refrigerated Warehouse. Hussman-Ligonier Co. (SPM-1160).

‡5-9270 Warehouse, Only. Refrigerated Prefabricated, U. S. Standard Warehouse No. 2. Viking Refrigerators, Inc. (SPM-2216).

#‡5-9272 2 Condensing Units, Model E-200; 1 Unit Cooler, Model FVA 875-6R-3; 1 Evaporative-Condenser, Model E-5. Hussman-Ligonier Co. (SPM-1461)

‡5-9274 Refrigeration Equipment for 20'x100' Refrigerated Warehouse, Hussman-Ligonier Co. (SPM-1161).

‡5-9282 Model R7 Rear PCU. R. G. LeTourneau (SPM-1864).

5-9284 9 Oct. 43. Power Control Unit, Cable-Operating, Rear-Mounting, 2 drum, LeTourneau, Model R-678.

5-9286 12 May 44. Power Control Unit, Cable-Operating, Rear-Mounting, 2-Drum, LeTourneau, Model T-4.

5-9300 Feb. 44. Winch, Tractor Mounting, Single Drum, Reversible, Hyster Model D4A.

5-9302 16 Jun. 44. Winch, Tractor Mounting, Single Drum, Reversible, Hyster, Model D8N.

‡5-9308 Coffing's Model F-I-G Ratchet Lever Hoist. Coffing Hoist Co.

5-9312 9 Feb. 44. Tank, Water, Steel, Semi-Trailer-Mounted 1,500-gal., Columbian Steel Tank Co. Model 1944.

5-9320 8 Jun. 43. Sprayer Attachment, Paint, Pneumatic, E-1A and E-1B.

5-9322 Sprayer, Paint, Pneumatic, Portable, with Compressor, Motor-Driven, ¼ hp, 110 Volt, 60-Cycle, 1-Phase, with 1-qt. Gun, Roche J. Hose and Attachments. Binks-Roche, Model E-4 (Formerly Known as Model SP ¼ EJ.

5-9324 6 Aug. 43. Sprayer, Paint, Pneumatic, Portable, with Compressor, Gasoline Engine-Driven, Wheelbarrow-Type with two 5-gal. steel Galvanized Tanks and Accessories. Binks, Model E-2.

5-9326 Model 939A Air Motor Driven Agitator Unit. Binks Mfg. Co.

5-9352 Feb. 44. Shop, Engineer, Motorized General Purpose Repair.

‡5-9370 Model FD8 Front Power Control Unit. R. G. LeTourneau, Inc. (SPM-1545).

‡5-9372 Model FTD7 Front Power Control Unit. R. G. LeTourneau, Inc.

#‡5-9376 Engine, Diesel Model H. Cummins (SPM-1212).

‡5-9378 Engine, Gasoline, 5 to 10 hp., Wisconsin, Models AB, AK, AKS.

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| NUMBER | DATE, TITLE AND CHANGES |
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TM

‡5-9384 Snow Roller, 5 Drug Type, Blaw-Knox Division (SPM-2318).

5-9386 15 Feb. 44. Drag, Snow Rectangular, 28 ft. Wide, Blaw-Knox.

#‡5-9390 Fire Equipment, Model No. 1500. Central Fire Truck Corp. (SPM-2517).

5-9400 15 Mar. 44. Odograph, Land 6-Volt, Complete with Cables for Installation in Truck ¼-tons 4x4, I.B.M. and Monroe Model M-1.

5-9401 7 Sep. 43. Odograph, Land, 6-Volt with Cables for Installation on Truck, ¼-ton, 4x4 Monroe Model M-1.

5-9411 16 Sep. 43. Odograph, Land, 6-Volt with Cables for Installation on Truck, ¼-ton, 4x4 IBM Model M-1.

*5-9414 5 Feb. 44. Level, Engineer, Military, with Accessories and Tripod Berger, Model 10-X.

*5-9418 31 March 44. Altimeter, Surveying, 15,000 ft. 20 ft. Division Type 15, Wallace & Tiernan, Model FA-113.

*5-9422 4 Oct. 44. Compass, Sun, Universal Type, Abrams Model SC-1.

#‡5-9436 Snow Drag, 28 ft. 0" Wide. Blaw-Knox Division. (SPM-3317).

‡5-9440 Hanson Trailer, Model SP8, 8 Tons Capacity. Hanson Clutch & Machinery Co. (SPM-1132).

‡5-9442 Model B-16 Trailer. Bay City Shovels, Inc. (SPM-1243).

#‡5-9444 8-Ton Trailer, Model LKS-408. C. R. Jahn Co. (SPM-1518).

‡5-9450 Platform Trailer, Model 6T Meili-Blumberg Corp. (SPM-1143).

‡5-9452 Winter Weiss Transport Trailer, Model S4S8. The Winter Weiss Co. (SPM-1149).

‡5-9454 8-Ton Trailer, Model LKS-408. C. R. Jahn Co. (SPM-1134).

5-9460 Mar. 44. Trailer, 2-Wheel Utility, Pole-Type, 2½-Ton, Type I, Infantry Raft Equipment and/or Pneumatic Bridge Equipment, Electric Wheel, Model D-2498.

5-9462 Feb. 44. Trailer, 2-Wheel, Utility, Pole-Type, 2½-Ton, Type V, Storm Boat, Electric Wheel, Model D-2476.

#‡5-9472 Models Z, ZH, ZHL, ZHLP, ZHR, ZL, ZLP, ZM, ZP, ZR, Briggs and Stratton Motors (SPM-1915).

5-9500 Principles of Modern Excavation and Equipment.

‡5-9556 Tree and Stump Puller, Model ECC High-Speed Automotive Power-Driven, For Fordson Tractor. Evans Clearing Corp.

‡5-9566 Air Hoists and Air Motors, Models HK and HKL. Gardener-Denver (SPM-1454).

‡5-9574 Special Aerial Tramway with 4" stroke. AHH Wisconsin Engine. Stearns-Rogers Co. (SPM-2546).

‡5-9576 Model T-15-C Crane. Browning Crane & Shovel Co. (SPM-2563).

#‡5-9578 U. S. Standard No. 2 Refrigerated Warehouse. United Refrigerator Mfg. Co. (SPM-2255).

‡5-9584 McKiernan Terry Double Acting Pile Hammer No. 10-B-2. McKiernan-Terry Corp. (SPM-1561).

*5-9598 7 Sept. 44. Pile Driving Rig, Wood Construction, Air or Steam Operated, Skid-mounted, 66-ft., Leads, 8-in., Channel Width 20½-in., Face to Face, Giardino, Models G104, G107, G109.

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ENGINEERS—Continued

TM

5-9601 20 Jun. 44. Barracks, Portable Sectional, All Wood Insulated, Procedures for Erecting.

5-9604 25 Oct. 44. Barracks, Portable, Prefabricated, 20' x 48', Steel (Angle Frame), Insulated, Procedure for Erecting.

5-9605 Feb. 44. Barrack, Portable, Precut, All Wood for Tropical Use.

5-9606 Nov. 44. Barracks, Portable, Prefabricated, 20' x 48', Steel (Channel Frame), Insulated, Procedure for Erecting.

5-9607 29 Apr. 44. Erection Procedure for Barracks, Portable Prefabricated 20' x 48' Steel (Angle Frame) for Tropical Use.

5-9608 Jan. 44. Erection Procedure for Barracks, Portable, Prefabricated Sheet, Plain, Steel 20 ft. x 50 ft.

5-9611 14 Oct. 44. Erection Procedure for Buildings, Portable, Prefabricated, N. P. Ward Steel (Angle Frame) Tropical.

‡5-9618 Bucyrus-Erie 44-B Diesel Crane Bucyrus-Erie Co. (SPM-2309).

#‡5-9620 Model 54-B Crane with Buda Diesel Parts List, Models 6DH & DH-1742. Bucyrus-Erie Co. (SPM-2394).

#‡5-9630 U. S. Standard Refrigerated Warehouse No. 2. Koch Butchers Supply Co. (SPM-3000).

#‡5-9640 Engine, Model RSC-4-Cylinder Lauson Eng. Co. (SPM-1163).

#‡5-9646 Atlas Diesel Engine 6a 7½x10½. Marine Engines No. 11784 Atlas Imperial Diesel Engine Co. (SPM-2273).

‡5-9648 Carbide Flood Lights, Model 21-A Alexander Milburn Co. (SPM-1665).

#‡5-9652 Model C-1 Beaver Power Unit. Beaver Pipe Tools. (SPM-1665).

#‡5-9656 Medium Dolly, Type 2, 7-Ton Capacity. Syracuse Chilled Plow Co. (SPM-1424).

#‡5-9662 Dravo Direct Field Heater, Job. C-6060—Size 1,000,000 BTU/HR. Dravo Corp. (SPM-2503).

‡5-9664 1A Crane, C-3717, 3-S-3662, Caterpillar D-13000 Engine & 13-66 Diesel Electric Set for 1N9001 to 1N999 Inclusive and 3R7001 and Up. Kowhring (SPM-2482).

#‡5-9672 Boiler Feed Steam Pump Model DRP-323, Duplex Reciprocating Valve Plate Type American-Marsh Model 3x2x3, C. H. Dutton Co. (SPM-1996).

#‡5-9674 Oil Well, 38-D36 LRH Pump Unit. Goulds Fig. 3360, Three-Inch 8-Stage Centrifugal Pump. Link-Belt SW-12 Speed Increaser Ratio 1:3.6 Waukesha-Hesselman Model 6LRHU Engine. Oil Well Supply Co. (SPM-1692).

#‡5-9680 Model W-11A Car Washer, 3HP, 208-Volt, 60-Cycle, 3-phase, Wayne Pump Co. (SPM-2018).

‡5-9686 Cardwell Model C Revolving Crane Cardwell Mfg. Co. Inc. (SPM-1380).

#‡5-9688 Canton Portable Floor Crane, No. 3 High Base, with Standard Ratchet and Pawl. The Hill Acme Co., Canton Division. (SPM-1214).

#‡5-9696 Cyclotherm Steam Generator C-12 Ames Iron Works. (SPM-1823).

5-9700 Machine, Chest, Duplicating Equipment, Gelatine Process 22 in. x 33 in. Model 1941.

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| NUMBER | DATE, TITLE AND CHANGES |
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TM

5-9711 10 Oct. 43. Instructions for Preparation of Corps of Engineers Equipment for Exports.

5-9722 18 Sep. 44. Shower-Unit, Field Trailer-Mounted, with Heater, 8-Shower Heads, Cleaver-Brooks Model EC-3.

5-9726 24 Apr. 44. Hangar, Airplane, Steel, Sheet Covered 130 ft. and 160 ft.

#‡5-9736 Model 7D8 Logging Cruiser Wheels, Athey Truss Wheel Co. (SPM-1880).

‡5-9750 Map Reproduction Trailer, Model HH1 228 Special, Fruehauf Trailer Co. (SPM-2029).

‡5-9756 Rodgers 4-Wheel Trailer Track Press, Model 11 with 5½" Cylinder, 40 Pump, Wisconsin Engine, Solenoid Throttle Control & Rodgers Power Track Wrench, Rodgers Hydraulic, Inc. (SPM-2077).

#‡5-9760 Model HP-1 Williams Hi-Pressure Oil Burner. Williams Oil-O-Matic Heating Corp. (SPM-1951).

#‡5-9762 Gasoline Heater, Model GN-4 Motorola. Galvin Mfg. Corp. (SPM-1929).

#‡5-9772 Premax Pressure Indicator, Bachrach Industrial Instrument Co. (SPM-1354).

#‡5-9776 50-2A Mud Jack, Koehring Co. (SPM-2069).

#‡5-9782 Ryker Model M-10 Military Stereoscope, Harrison C. Rykers, Inc. (SPM-1893).

#‡5-9794 Tractor Crane, Model AD4, R. G. LeTourneau, Inc. (SPM-1252).

#‡5-9798 UD-6 Power Unit. International Harvester Co. (SPM-1833).

#‡5-9800 49" x 128" Independent Boiler, American Hoist & Derrick Co. (SPM-1959).

#‡5-9802 Three-Drum Steam Hoist and Slewing Attachment 8¼ x 10 size. American Hoist & Derrick Co. (SPM-1961).

#‡5-9804 Speeder LS-90. Link Belt Speeder Corp. (SPM-1767).

#‡5-9806 Vacuum Pump, Style 1142736 Westinghouse Electric & Mfg. Co. (SPM-1803).

#‡5-9808 Refrigeration, Ice Freezing. York Machinery Co. (SPM-1210).

#‡5-9810 Baker Refrigeration Equipment for 20' x 52' Refrigerated Warehouse, Baker Ice Machine Co. Inc. (SPM-1152).

#‡5-9812 Sewing Machine, Model 11-26, Singer Sewing Machine Co. (SPM-1386).

#‡5-9816 Trailer, 2-Wheel, Triangulation Tower Stake Body. Oil City Tank and Boiler Co. (SPM-1681).

‡5-9818 Grayco Convoy Luber, Model LU-100 Gray Co., Inc. (SPM-1131).

‡5-9824 Detrex Degreaser, Model VH-400 Detroit Rex Products Co. (SPM-1764).

#‡5-9826 Electric Motors, Type FS Frame, 224-F Class A, 3 HP, 3500 RPM, 220-Volts, 3-Phase, 60-Cycles, Louis-Allis Co. (SPM-2000).

#‡5-9828 Cement Gun, Model N-1, Cement Gun Co. (SPM-2000).

#‡5-9830 McKiernan-Terry Double-Acting Pile Hammer No. 9-B-2. McKiernan-Terry Corp. (SPM-1560).

#‡5-9834 Cleaver-Brooks Portable Field Bathing Unit, Model EC-4. Cleaver-Brooks Co. (SPM-1944).

#‡5-9836 Sewage Non-Clog Vertical Centrifugal Pump, Novo Gasoline Engine Driven Weil Model C-176G. Item No. 175. Weil Pump Co. (SPM-1898).

#‡5-9838 Direct-Feed Chlorinator, Type MEPIM, Model No. A-499. Wallace & Tiernan. (SPM-1290).

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## ENGINEERS—Continued

TM

#‡5-9848 Elevating Portable Trough Belt, Conveyor, Model Trowbridge No. THD-2460. Trowbridge Conveyor Co. (SPM-1802).

‡5-9852 Moto-Crane, Lorain Model MC-4, Thew Shovel Co. (SPM-2247).

‡5-9854 Crane, Model Lorain MC3, Thew Shovel Co. (SPM-1460).

‡5-9856 Two-Ton Gantry Crane, Mississippi Valley Structural Steel Co. (SPM-2206).

#‡5-9858 22-B Transit Crane No. 26350, Buda K-428 Gas Engine. Bucyrus-Erie. (SPM-1316).

#‡5-9860 Krane Kar Model X, Buda Engine, Model HP205. Silent Hoist Winch & Crane Co. (SPM-1680).

#‡5-9874 Power Control Unit, Model TD6, for use with D6 Caterpillar Tractor. R. G. LeTourneau, Inc. (SPM-1101).

#‡5-9876 Power Control Unit, Model T8, for use with Caterpillar Model D8 Tractor. R. G. LeTourneau, Inc. (SPM-1112).

#‡5-9882 Rooter, Model S5, R. G. LeTourneau, Inc. (SPM-1547).

#‡5-9884 Rooter, Model S3, R. G. LeTourneau, Inc. (SPM-1549).

#‡5-9890 Concrete Bucket, Tremie-Type, Blaw-Knox Division of Blaw-Knox Co. (SPM-1245).

#‡5-9894 Engine, Gas, Model PF-170 & PF-218. Continental Motors. (SPM-1169).

#‡5-9898 Engine and Power Units. Models Y69, Y91, PY91, Y4069, Y4091, PY69, Continental Motors. (SPM-1415).

#‡5-9906 Portable Electric Conveyor, Model 220-A. Jeffrey Mfg. Co. (SPM-1524).

#‡5-9910 No. 5 Gasoline Industrial-Brownhoist Crane, Machine No. 11449; U. S. Crane No. 2544. Industrial Brownhoist Co. (SPM-1263).

#‡5-9912 Industrial Brownhoist Machine No. 11450, No. 5, Gasoline, Climax R61 Engine, Curtis No. 80 Air Compressor. Industrial Brownhoist Corp. (SPM-1310).

#‡5-9914 Industrial Brownhoist, Machine No. 11451, Gasoline. Industrial Brownhoist Corp. (SPM-1305).

#‡5-9916 No. 5 Gasoline Crane Machine, No. 11452; Climax R61 Engine; Curtis Air Compressor; Model 80, Twin Disc X8295A Clutch; Midland-Christensen N-3050 Air Cylinder. Industrial Brownhoist Corp. (SPM 1324).

#‡5-9918 No. 5 Gasoline Hoist, Machine No. 11453; Climax RG1 Engine; Curtis Model 80 Air Compressor; Twin Disc X8295A Clutch; Midland-Christensen N-3050 Air Cylinder. Industrial Brownhoist Corp. (SPM-1497).

#‡5-9920 No. 5 Gasoline, Machine No. 11454, Climax R61 Engine, Curtis Model No. 80 Air Compressor, Industrial Brownhoist Corp. (SPM-1769).

#‡5-9922 Gasoline Motors, Models B Thru BR. Briggs & Stratton. (SPM-1914).

#‡5-9934 UD-9 Power Unit. International Harvester Co. (SPM-1831).

#‡5-9936 Power Unit UD-14 IHC (SPM-2224)

#‡5-9938 UD18 Power Unit, International Harvester Co. (SPM-1760).

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TM

#‡5-9942 Power Unit, Model P-12, International Harvester Co. (SPM-1838).

#‡5-9944 Power Unit, Model 200. International Harvester Co. (SPM-1845).

#‡5-9946 Engine, Model D133P1-7. LeRoi Co. (SPM-1643).

#‡5-9948 Engine, Model D201 P7-321. Series No. 142436. LeRoi Co. (SPM-1674).

#‡5-9950 Engine, Model P-2877, D2 Model MX. LeRoi Co. (SPM-1530).

‡5-9956 Buckeye MDDD Power Control Unit, Allis-Chalmers (SPM-1705).

#‡5-9960 Allis-Chalmers Model U-40 Power Unit. Allis-Chalmers Mfg. Co. (SPM-1902).

#‡5-9962 Power Unit, L-90. Allis-Chalmers (SPM-1903).

#‡5-9964 Allis-Chalmers, Model B-15 Power Unit. Allis-Chalmers Mfg. Co. (SPM-1904).

#‡5-9968 Trailer, 2-Wheel, T8, Timpte Bros. (SPM-1148).

#‡5-9970 DeVilbiss Type GD Spray Gun. DeVilbiss Co. (SPM-1436).

#‡5-9972 DeVilbiss Spray Equipment. DeVilbiss Co. (SPM-1227).

#‡5-9980 2 Condensing Units, Model E500; 2 Unit Coolers Model FUA875-6R-3; 1 Evaporative Condenser, Model EC 7½. Hyssman-Ligonier Co. (SPM-1481).

#‡5-9982 Item 2A, 7½ H. P. Set Ups; 2 Condensing Units, Model W 500; 2 Unit Coolers, Model FUA875-6R3; 1 Evaporative Condenser, Model EC 7½. Hussman-Ligonier Co. (SPM-1479).

#‡5-9984 Carrier Refrigeration Equipment in Refrigerated Meat Warehouse. Carrier Corp. (SPM-1999).

#‡5-9986 Servel Kerosene Refrigerator, Servel, Inc. (SPM-1604).

#‡5-9992 Haiss Loader, Model 25, with LeRoi D-201 Gasoline Engine. Geo. Haiss Mfg. Co. (SPM-1772).

#‡5-9994 Nelson Q-7 Special Loader with I-30 Tractor. Nelson Iron Works, Inc. (SPM-1570).

## FIELD ARTILLERY

6-215 15 Dec. 41. Abbreviated Firing Tables.

6-220 26 Feb. 41. Field Artillery Fire-Control Instruments. *C 1.*

6-225 Nov. 44. Field Artillery Trainer, M3.

6-230 12 May 41. Fire Control Code. *C 1, 2, 3.*

6-235 18 Jul. 42. Field Artillery Radio Communication.

6-605 18 Nov. 41. Field Artillery Individual and Unit Training Standards.

6-650 16 Jan. 42. Field Artillery Notes, Meteorological Data Using British 25-PR Range Tables.

## MEDICAL

8-220 5 Mar. 41. Medical Department Soldier's Handbook. *C 1, 2, 3.*

8-225 28 Jan. 42. Dental Technicians.

8-227 17 Oct. 41. Methods for Laboratory Technicians. *C 1, 2.*

8-233 13 Oct. 41. Methods for Pharmacy Technicians. *C 1, 2.*

8-240 3 Jul. 41. Roentgenographic Technicians.

8-245 6 Nov. 42. Army Medical Supply Depot.

8-260 13 Jul. 41. Fixed Hospitals of the Medical Department (General and Station Hospitals). *C 1, 2, 3.*

8-275 26 Jan. 42. Military Roentgenology.

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## MEDICAL—Continued

TM

8-285 15 Apr. 44. Treatment of Casualties from Chemical Agents.

8-300 26 Nov. 40. Notes on Eye, Ear, Nose and Throat in Aviation Medicine. *C 1.*

8-305 12 Nov. 40. Notes on Cardiology in Aviation Medicine.

8-310 21 Oct. 40. Notes on Physiology in Aviation Medicine.

8-320 27 Jan. 41. Notes on Psychology and Personality Studies in Aviation Medicine.

8-325 12 Dec. 40. Outline of Neuropsychiatry in Aviation Medicine.

8-450 1 May 41. Veterinary Administration. *C 1.*

8-500 13 Oct. 41. Hospital Diets.

8-610 28 Jan. 44. Field Operating Lamp.

8-611 28 Jan. 44. Surgical Instruments, Indirect Blood Transfusion Apparatus and Miscellaneous Surgical Supplies, Care and Maintenance.

8-612 17 Jul. 44. Distilling Apparatus.

8-613 8 Sep. 44. Case, Bone Operating 110 Volt, AC-DC (Item 3073008).

8-614 2 Oct. 44. Cardiograph, Portable.

8-615 28 Jul. 44. Gasoline Stoves and Burners.

8-617 14 Aug. 44. Mask Type Oxygen Therapy Outfit, Complete and Oxygen Therapy Outfit, with Manifold.

8-618 5 Aug. 44. Suction Apparatus, Portable, Electric.

8-619 Oct. 44. Basal Metabolism Apparatus.

8-621 25 Sep. 44. Lamp, Therapeutic, Mercury Arc, Air-Cooled, Mobile, Complete, 110-volt, 60-cycle. (Item 7126005).

*8-622 Nov. 44. Field Sterilizing Equipment Items 4011028, 7910005, 9550000, 9952300, 9953000, 9953528, 9954028.

8-624 1 Sep. 44. Sinusoidal Machine.

8-625 6 Oct. 44. Cassette Changer, Steroscopic, Upright, Magnetically Controlled.

8-627 Nov. 44. Diathermy Apparatus, Short Wave, Complete, 110-volt, 60-cycle, Item 7105505.

8-628 Nov. 44. Instrument Sterilizer, Item 7917005.

*8-630 Nov. 44. X-Ray Field Unit Generator, Item 9606000.

8-638 23 Sep. 44. Engine, Handpiece Straight Engine, Handpiece Angle.

## ORDNANCE

9-205 15 Oct. 42. Browning Machine Gun, Caliber .30, M2, Watercooled, and Mounts. *C 1, 2.*

9-206 1 Sep. 43. Browning Light Machine Gun, Cal. .30, M1919A6. *C 1.*

E9-206A 13 Apr. 43. German 7.9-mm, Dual Purpose Machine Gun, MG34.

9-215 10 Oct. 42. Thompson Submachine Gun, Cal. .45 M1. *C 1.*

9-221 19 Jun. 43. Antiaircraft Machine Gun Trainer M9.

9-222 8 Jun. 43. Multiple Caliber .50 Machine Gun, Mount M45.

9-223 27 Jul. 44. Twin Cal. 50 Machine Gun Mount M33 and Multiple Cal. .30 Machine Gun Mount M45.

9-224 22 Apr. 43. Machine Gun Mounts for Trucks.

9-225 15 Dec. 43. Browning Machine Gun, Cal. .50, M2, Aircraft, Basic.

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TM

9-226 2 Aug. 43. Browning Machine Gun, Caliber .50, M2, Watercooled, and Mounts. *C 1, 2.*

9-227 1 Jun. 43. 20-mm, Automatic Gun M1, and 20-mm, Aircraft Automatic Gun AN-M2. *C 1.*

9-228 6 Sep. 43. 20-mm, Automatic Gun, M1 and 20-mm Antiaircraft Gun Mount M2A1.

E9-228 1 Apr. 43. 2-cm. Flakvierling 38 (German 20-mm, Antiaircraft Gun, Four-Barreled Mount).

9-229 1 Jun. 44. 20-mm Automatic Gun M3 (T31). *(Errata Sheet).*

9-230 14 Oct. 43. Machine Gun Mounts for Boats.

9-231 28 Jun. 44. Cal. .60 Machine Gun, T17E3.

9-235 24 Jan. 44. 37-mm AA Gun Matériel.

9-240 1 Nov. 43. 37-mm Aircraft Gun Matériel M4 and M10 (Aircraft).

9-241 22 Apr. 44. 37-mm Automatic Gun M9.

9-246 10 Aug. 44. 37-mm Gun T32 and Tripod Mount T9.

9-250 3 Aug. 44. 37-mm, Gun, M6, Mounted in Combat Vehicles.

9-252 17 Jan. 44. 40-mm. Automatic Gun M1 (AA) and 40-mm Antiaircraft Gun Carrier.

9-270 28 Sep. 43. U. S. Rifle, Cal. .30, M1903A4 (Sniper's) Characteristics and Operation; and Use of Telescopic Sight. *C 1.*

9-280 16 Mar. 44. Caliber .22 Rifles, All Types.

9-285 21 Sep. 42. Shotguns, all Types. *C 1.*

9-290 18 Jan. 43. Pyrotechnic Projectors, All Types.

9-293 15 Jun. 44. 2-Inch Mortar M3.

9-294 27 Sep. 43. 2.36-Inch, AT Rocket Launcher M1A1. *C 1.*

9-303 8 Nov. 44. 57-mm Guns M1 and MK III (British) and Carriages M1, M1A1, M1A2, M1A3 and M2.

9-305 18 May 42. 75-mm Gun Matériel, M1897 and Modifications. *C 1.*

9-306 10 Jun. 43. 75-mm Gun M1897A4, Mounted in Combat Vehicles. *C 1.*

9-307 23 Mar. 44. 75-mm Tank Guns M2 and M3 and Mounts M1, M34, and M34A1.

9-308 29 Jun. 43. 76-mm Gun, Matériel M1 (Combat Vehicles).

9-311 7 Feb. 44. 75-mm Gun M4 and Airplane Mount M6.

*9-312 16 Nov. 44. 75-mm Gun AN-M5 and Aircraft Mount AN-M9.

9-313 11 Sept. 44. 75-mm Gun M6 and Combination gun, Mount M64.

9-318 12 Jan. 44. 75-mm Howitzer M2 and M3 (Mounted in Combat Vehicles).

9-319 15 Apr. 44. 75-mm Pack Howitzer M1A1 and Carriage M8.

9-320 21 Jun. 41. 75-mm Howitzer Matériel.

9-321 6 Jul. 43. 75-mm Howitzer M1A1, Mounted in Combat Vehicles. *C 1.*

9-322 8 Mar. 43. 3-Inch Gun M5 and 3-Inch Gun Carriage M1.

9-323 25 Mar. 44. 3-Inch, Gun M7, Mounted in Combat Vehicles.

9-324 12 Jan. 44. 105-mm Howitzer M4 (Mounted in Combat Vehicles).

9-325 19 Aug. 44. 105-mm Howitzer M2 and M2A1 and 105-mm Howitzer Carriage M2A1 and M2A2 and Combat Vehicle Mounts M3 and M4.

E9-325A 15 Jun. 44. German 105-mm Howitzer Matériel. *C 1.*

| NUMBER | DATE, TITLE AND CHANGES |
|---|---|
| | **ORDNANCE—Continued** |
| TM | |
| 9-326 | 21 Dec. 43. 105-mm Howitzer M3 and 105-mm Howitzer Carriage M3 and M3A1. |
| 9-328 | 1 Mar. 43. 4.5-Inch Gun M1 and 4.5-Inch Gun Carriage M1. *C 1.* |
| 9-330 | 18 May 44. 155-mm Howitzer Matériel M1917, M-1918, and Modifications. |
| 9-331 | 22 Nov. 43. 155-mm Howitzer M1 and Carriage M1A1. |
| 9-333 | 14 Feb. 44. Ammunition Trailer M10. |
| 9-335 | 25 Sep. 42. 8-Inch Howitzer Matériel M1. *C 1, 2, 3, 4.* |
| 9-336 | 6 Nov. 43. 8-Inch Gun M1 and Carriage M2. |
| 9-340 | 6 Apr. 44. 240-mm Howitzers M1918M1 and M1918-M1A1, 240-mm Howitzer Carriage M1918A2, and Transport Wagons M4 and M5. |
| 9-341 | 11 Jun. 43. 240-mm Howitzer, M1. |
| 9-345 | 15 Jul. 42. 155-mm Gun Matériel, M1917, M1918, and Modifications. *C 1, 2, 3.* |
| 9-350 | 11 May 42. 155-mm Gun Matériel, M1. *C 1, 2, 3, 4, 5.* |
| 9-360 | 10 Jan. 40. 3-Inch Antiaircraft Gun Matériel (Mobile). *C 1, 2, 3.* |
| E9-369A | 29 Jun. 43. German 88-mm Antiaircraft Gun Matériel. |
| 9-370 | 31 Dec. 42. 90-mm Antiaircraft Gun Matériel M1 and M1A1. *C 1, 2, 3.* |
| 9-371 | 21 Dec. 42. 90-mm Gun and Antiaircraft Gun Mount T2E1. *C 1.* |
| *9-372 | 15 Nov. 44. 90-mm Gun M2 and 90-mm Antiaircraft Mount, M2. |
| 9-373 | 24 Mar. 43. 90-mm Gun M1 and 90 mm Gun Mount T3. |
| 9-374 | 11 Sep. 44. 90-mm Gun M3, Mounted in Combat Vehicles. |
| 9-380 | 1 Mar. 43. 4.7-Inch Gun M1 and 4.7-Inch Antiaircraft Gun. |
| 9-390 | 14 Nov. 42. Target Rocket Projector M1. *C 1, 2.* |
| 9-393 | 4 Oct. 43. 4.5-Inch Artillery Rocket Launcher T35 and 4.5-Inch H.E. Rocket M8. |
| 9-395 | 12 Sep. 44. 4.5" Aircraft Rocket Matériel. |
| 9-415 | 2 Mar. 44. Test and Repair of Submarine Mine Cable. *C 1.* |
| 9-421 | 10 Oct. 42. 3-Inch Seacoast Gun Matériel, 3-Inch (15-PDR.) Gun 1902M1 Mounted on 3-Inch (15-PDR.) Barbette Carriage M1902, and 3-Inch (15-PDR) Gun M1903 Mounted on 3-Inch (15-PDR.) Barbette Carriage M1903. *C 1.* |
| 9-428 | 12 Jun. 43. 6-Inch Seacoast Matériel; Gun M1903-A2 and M1905A2: Barbette Carriages M1 and M2. |
| 9-429 | 1 Mar. 44. 6-Inch Seacoast Matériel: Gun T2 and Barbette Carriages M3 and M4. |
| 9-442 | 19 Apr. 43. 8-Inch Seacoast Matériel Gun MK, VI Mod. 3A2: Barbette Carriage M1. |
| 9-456 | 17 Oct. 42. 12-Inch Seacoast Matériel, 12-Inch Mortar M1890M1 Mounted on 12-Inch Mortar Carriage M1896M1 and M1896M11. |
| 9-457 | 16 Aug. 42. 12-Inch Seacoast Matériel Mortar M-1908, Mounted on 12-Inch Carriage M1908. |
| 9-458 | 19 Aug. 42. 12-Inch Seacoast Matériel: 12-Inch Mortar M1912 Mounted on 12-Inch Mortar Carriage M1896M111. |
| 9-463 | 26 Jan. 42. Gun, 8-Inch, MK, VI, Mod. 3A2 and Mount Railway, Gun, 8-Inch M1A1. |
| 9-471 | 11 Mar. 42. 16-Inch Seacoast Gun Matériel, Gun MK, II M1, Barbette Carriage M4. *C 1.* |

| NUMBER | DATE, TITLE AND CHANGES |
|---|---|
| TM | |
| *9-524 | 8 Nov. 44. 12-Inch Graphical Firing Tables. |
| 9-526 | 29 Sep. 43. Graphical Firing Tables. |
| 9-550 | 16 Jul. 43. Observation Tower, M1. |
| 9-575 | 3 Feb. 42. Auxiliary Fire Control Instruments (Field Glasses, Eyeglasses, Telescopes and Watches). |
| 9-585 | 19 Oct. 43. Range Finder M9. |
| 9-616 | 23 Dec. 43. Generating Units M5 and M6. |
| 9-617 | 19 Jan. 44. Generating Unit M18. |
| 9-618 | 30 Jul. 43. Generating Unit M7. |
| 9-623 | 5 Nov. 43. Height Finders, 13½-Ft., M1 and M1A1. |
| 9-624 | 27 Nov. 43. Height Finders M2 and M2A1. |
| 9-627 | 18 Feb. 44. Cable System M12 and Off-Carriage Components of the Remote Control System M14 (For 6-in. Barbette Carriages M2 and M4). |
| 9-649 | 15 Jun. 44. A.A. Cable Systems; Cable Repair Kits, All Types; and Voltage Controller M1. |
| 9-654 | 15 Jul. 43. Stereoscopic Trainers, All Types and Stereoscopic Tester, M1A1. |
| 9-657 | 4 Nov. 43. Director Trainer, M8. |
| 9-658 | 6 Jan. 44. Directors M7, M7A1B1 and M7A1B2. *C 1.* |
| 9-659 | 16 Jul. 43. Directors M5 and M5A1. |
| 9-669 | 23 Oct. 44. Gun data Computers M8 series. |
| 9-671 | 31 Mar. 44. Directors M9, M9A1, M9A2 and M10. |
| 9-707 | 21 May 43. Basic Half-Track Vehicles (IHC) (Personnel Carrier M5, Car M9A1 Multiple Gun Motor Carriage M14 and Similar IHC Vehicles). |
| 9-705 | 26 Oct. 42. Scout Car M3A1. |
| 9-710 | 23 Feb. 44. Basic Half-Track Vehicles (White, Autocar, and Diamond T). |
| 9-721 | 5 Feb. 43. Heavy Tanks, M6 and M6A1. |
| 9-724 | 17 Nov. 43. Light Tank T931. |
| 9-726 | 15 Jul. 42. Light Tank M3. |
| 9-727 | 4 Dec. 43. Light Tanks M3A1 M3A3. |
| 9-729 | 27 Jun. 44. Light Tank, T24, (M24). |
| 9-730C | 30 Nov. 42. Medium Tank M3A4. *C 1.* |
| 9-731A | 23 Dec. 43. Medium Tanks M4 and M4A1. |
| 9-731AA | 23 Jun. 44. Medium Tank M4 (76-mm Gun and 105-mm Howitzer). |
| 9-731B | 13 Jan. 43. Medium Tank, M4A2. |
| 9-731E | 15 Aug. 44. Carriage, Motor, 105-mm Howitzer, M7. |
| 9-731G | 28 Jul. 43. 3-Inch Gun Motor Carriage M10A1. |
| 9-732 | 27 Nov. 43. Light Tanks M5 and M5A1. *C 1.* |
| 9-732A | Medium Tank M7. |
| 9-732B | 31 Jan. 44. 75-mm Howitzer Motor Carriage M8. *C 1, 2.* |
| *9-733 | 4 Jan. 45. Mine Excavator T5E3. |
| 9-734 | 24 Mar. 44. Medium Tank, T23. |
| 9-736 | 25 May 44. Mine Exploder T1E1. |
| 9-737 | 3 Jun. 44. Mine Exploder T1E3. |
| 9-738 | 9 Dec. 43. Tank Recovery Vehicles M32, M32B1, M32B2, M32B3, and M32B4. |
| 9-739 | 11 Aug. 43. Tank Recovery Vehicle T2. |
| 9-740 | 2 Nov. 42. Armored Car T17. |
| 9-741 | 15 Dec. 42. Armored Car T17E1. |
| 9-742 | 19 Jun. 43. Armored Car T18E2. (For British Only). *(Errata Sheet)* |
| 9-743 | 21 Feb. 44. Light Armored Car M8 and Armored Utility Car M20. *C 1, 2.* |

| NUMBER | DATE, TITLE AND CHANGES |
|---|---|

## ORDNANCE—Continued

| TM | |
|---|---|
| 9–746 | 11 Aug. 43. Universal Carrier T16. |
| 9–749 | 9 Aug. 44. Carriage, Motor, 105–mm Howitzer, M-7B1. |
| 9–750 | 9 May 42. Medium Tank M3. *C 1, 2, 3.* |
| 9–750A | 25 Nov. 42. 37-mm Gun Motor Carriage M6. |
| 9–751 | 28 Jan. 44. 155–mm Gun Motor Carriage M12 and Cargo Carrier M30. *C 1.* |
| 9–752 | 25 Nov. 43. 3–Inch Gun Motor Carriage M10. |
| 9–753 | 16 Sept. 42. Medium Tanks M3A3 and M3A5. *C 1.* |
| 9–754 | 21 Jan. 43. Medium Tank M4A4. *C 1, 2.* |
| 9–755 | 15 Jul. 43. 76–mm Gun Motor Carriage T70. |
| 9–756 | 21 Dec. 43. Medium Tank, M4A6. |
| 9–758 | 15 Apr. 44. 90–mm Gun Motor Carriage T71. |
| 9–759 | 15 Sep. 44. Medium Tank, M4A3, *C 1.* |
| 9–760 | 31 Dec. 43. Bomb Trailer M5. |
| 9–762 | 31 May 43. Lift Truck M22. |
| 9–765 | 13 Aug. 42. Bomb Service Truck M6. |
| 9–766 | 18 Aug. 44. Bomb Service Truck M27. |
| 9–767 | 23 Feb. 44. 40–Ton Tank Transporter Truck-Trailer M25. *C 1.* |
| 9–768 | 25 Oct. 44. 45-ton Transporter Truck-Trailer, M19. |
| 9–771 | 14 Jul. 44. Truck Mounted Crane M2 and Trailer Clamshell, M16. |
| 9–772 | 5 Jul. 44. Carrier, Cargo, M29, Carrier, Cargo M-29C. |
| 9–774 | 31 Jan. 44. Snow Tractor M7; 1–Ton Snow Trailer M19. |
| 9–775 | 5 Feb. 44. Landing Vehicles, Tracked MKI and MKII. |
| 9–776 | 15 Jun. 44. Landing Vehicle Tracked, MKIV LVT (4) |
| 9–777 | 27 May 42. Heavy Tractor M1. *C 1, 2.* |
| 9–780B | 12 Jun. 42. Tractor, Light Wheeled Industrial Type. |
| 9–782 | 12 Jun. 42. Tractor, Light, Wheeled Industrial Type (A–C Model B). *C 1.* |
| 9–783B | 22 Dec. 42. Medium Tractor M1 Allis–Chalmers HD–7W). |
| 9–784 | 5 Feb. 43. Amphibian Tractor T33 (Roebling). *C 1.* |
| 9–785 | 1 Nov. 43. Medium Tractor M4 (Allis–Chalmers). |
| 9–786 | 19 Nov. 43. Medium Tractor M5 (IHC). |
| 9–787A | 21 Dec. 42. Heavy Tractor, M1 (Allis-Chalmers HD–10W). |
| 9–788 | 25 Jul. 44. Tractor, High-Speed, 38-Ton, M6 (Allis-Chalmers). *C 1.* |
| 9–789 | Trailer, Mount, M20 (Component of Mount-Trailer, Multiple Caliber .50 Machine Gun, M55). |
| 9–790A | 15 Dec. 42. 6–Ton Trailers (Athey). |
| 9–790B | 15 Dec. 42. 20–Ton Trailer (Athey). |
| 9–791 | 8 Jan. 43. Armored Trailer, M8. |
| 9–792 | 5 Aug. 44. Trailer, 4–Ton, 2–Wheel, Ammunition, M21. |
| 9–793 | 12 Aug. 44. Trailer, Ammunition, M23 (8-Ton, 4-Wheel). |
| 9–795 | 31 Aug. 42. Heavy Wrecking Truck M1 (Series 1 & 2). |
| 9–796 | 3 Mar. 44. Heavy Wrecking Truck M1A1 (Kenworth Model 573 and Ward LaFrance Series 5). |
| 9–797 | 12 Oct. 44. Trailer, Bomb, 1-ton, 4-wheel, T53. |
| 9–801 | 24 Apr. 44. Truck, 2½–Ton, 6 x 6, GMC CCKW-352 & 353. |

| NUMBER | DATE, TITLE AND CHANGES |
|---|---|
| TM | |
| 9–802 | 1 Sep. 43. 2½–Ton Amphibian Truck, 6 x 6, GMC-DUKW 353. |
| 9–803 | 22 Feb. 44. ¼–Ton, 4 x 4, Truck (Willys–Overland Model MB and Ford Model GPW). |
| E9–803 | 6 Jun. 44. German Volkswagen. |
| 9–805 | 30 Dec. 43. 1½–Ton, 4 x 4, Truck (Chevrolet). |
| 9–806 | 14 Feb. 44. 1½–Ton, 4 x 2, Truck (Ford). |
| 9–807 | 16 Dec. 43. 2½–Ton, 6 x 6, Truck and 2½ to 5–Ton, 6 x 4, Truck (Studebaker Models) US 6 and US 6 x 4. |
| 9–808 | 31 Jan. 44. ¾–Ton Truck, 4 x 4 (Dodge). |
| 9–809 | 27 May 43. Truck, 2½–Ton, 6 x 6, Cab Forward Yellow Truck and Coach) AFK WX–353. |
| 9–810 | 18 Mar. 43. Truck, 1½–Ton, 6 x 6 (Fargo). |
| 9–811 | 25 Jan. 44. 4–Ton, 6 x 6, Trucks (Diamond T Models 968A Cargo, 969A Wrecker, 970A Ponton, and 972 Dump.) |
| 9–812 | 11 Mar. 44. 5-Ton, 4 x 2, Tractor-Truck C.O.E. (IHC Models H–542–9 and H–542–11, Marmon-Herrington Model H–542–11 and Kenworth Model H–542–11. |
| 9–813 | 19 Feb. 44. 6-Ton, 6 x 6, Truck (White, Corbitt and Brockway). |
| 9–816 | 21 Mar. 44. 4- to 5-Ton, 4 x 4, Tractor-Truck (Autocar) (Model U–71–44T). |
| 9–817 | 10 Apr. 44. 5- to 6-Ton 4 x 4, Ponton Tractor-Truck (Autocar Model U8144T). |
| 9–818 | 14 Jan. 44. 10-Ton, 6 x 4, Truck (Mack, Model NR). |
| 9–820 | 15 Mar. 44. 4- to 5-Ton, 4 x 4, Tractor-Truck (Federal). |
| 9–821 | 9 Oct. 43. 2½–Ton, 4 x 2, Truck (Federal). |
| 9–821X | 3 Apr. 43. Driver's Manual, 2½–Ton, 4 x 2, Truck, (Federal) (X-Extracted from TM 9–821). |
| *9–822 | 7 Nov. 44. 2½–Ton, 4 x 2 Dump Truck (IHC K–7) and 37 Passenger Bus (IHC K–7 and KS–7). |
| 9–823 | 7 Jul. 44. 5-Ton, 4 x 2, Dump and Tractor Trucks, Model KR–11 (IHC). |
| 9–834 | 1 Jun. 44. Vehicular General Purpose Unit Equipment. |
| 9–850 | 24 Aug. 44. Cleaning, Preserving, Sealing, Lubrication and Related Materials Issued for Ordnance Material. |
| 9–855 | 17 Aug. 44. Targets, Target Material and Training Course Layouts. |
| 9–876 | 5 Apr. 44. Airborne Motor Scooter (Cushman Model 53). |
| 9–879 | 18 Oct. 43. Motorcycle, Solo (Harley-Davidson). |
| 9–881 | 5 Sept. 42. Generator Trailer M7. *C 1.* |
| 9–882 | 11 Jun. 43. Trailer, Semi-7-Ton, Stake and Platform (Edwards Iron Works). |
| 9–883 | 27 Aug. 43. 1-Ton, 2-Wheel Cargo and Water Trailers. *C 1.* |
| 9–886A | 22 Apr. 43. 6-Ton, Semitrailer, Combination Stake and Platform (Black Diamond). |
| 9–887 | 17 Nov. 43. 5- to 6-Ton, 4-Wheel Cargo Trailer (Hobbs). *C 1.* |
| 9–888 | 16 Oct. 44. 6-Ton Payload, 10-Ton Gross, 2-Wheel Van Semitrailer. |
| 9–890 | 12 Jul. 44. 5-Ton Payload, 8-Ton Gross, 2-Wheel (2dt), Stake and Platform 1944 Semitrailer (Trailer Co. of America Truck Engineering Corps. Olson Mfg. Co.). |

| NUMBER | DATE, TITLE AND CHANGES |
|---|---|
| | **ORDNANCE—Continued** |
| TM | |
| 9–891 | 25 Aug. 44. Semitrailer, 6-ton Payload, 10-ton Gross, 2-wheel, 2000 gal. fuel tank. |
| 9–892 | 22 Apr. 44. 10-Ton Payload, 14-Ton Gross, 2-Wheel Stake and Platform Semitrailer and 10-Ton Converter Dolly. |
| 9–893 | 5 Feb. 43. Light Cargo Carrier, T15. |
| 9–894 | 31 May 44. 11-Ton Payload, 15-Ton Gross, 2-Wheel (2dt) Van, Semitrailer (Omaha Standard Body Corp. Model F16). |
| 9–895 | Semitrailer, Van, 11-ton Payload, 15-ton Gross, 2-wheel (2dt) (Kentucky). |
| *9–896 | 25 Nov. 44. 11-Ton Payload, 2-Wheel Van Semitrailer (Reliance). |
| 9–974 | 10 Dec. 42. Tractor Crane Trailer, T–26. |
| 9–1100 | 15 May 44. Inspection of Ordnance Matériel. |
| | **ORDNANCE MAINTENANCE** |
| 9–1205 | 7 Aug. 44. Browning Machine Gun, Caliber .30, All Types, and Ground Mounts. |
| 9–1211 | 1 Mar. 42. Browning Automatic Rifle. Cal. .30, All Types. |
| 9–1215 | 1 Mar. 42. Thompson Submachine Gun, Cal. .45, M1928A1. *C 1, 2, 3, 4.* |
| 9–1221 | 16 Mar. 44. AA Machine Gun Trainer M9. |
| 9–1223 | 1 Jun. 44. Twin Cal. .50 Machine Gun Mount M33 and Multiple Cal. .50 Machine Gun Mount M45. |
| 9–1227 | 10 Jun. 43. 20-mm Automatic Gun M1 and 20-mm Aircraft Automatic Gun AN–M2. *C 1.* |
| 9–1235 | 21 Apr. 43. 37-mm Antiaircraft Gun Matériel. |
| 9–1240 | 6 Mar. 44. 37-mm Automatic Guns, M4, M10 and M9 (Aircraft). |
| 9–1245 | 6 Feb. 43. 37-mm Antitank Guns M3 and M3A1, and Carriages M4 and M4A1. |
| 9–1250 | 10 Mar. 42. 37-mm Gun Matériel (Tank), M5 and M6. *C 1, 2.* |
| 9–1252 | 24 Apr. 42. Gun and Top Carriage of 40-mm, Antiaircraft Gun Matériel M2. |
| 9–1253 | 24 Apr. 42. Lower Carriage of 40-mm, Antiaircraft Gun Matériel M2. |
| 9–1260 | 28 Jan. 42. Mortars, Light Field, and Mounts, All Types. |
| 9–1270 | 20 Jan. 44. Rifles, U. S. Cal. .30, M1930A4. |
| 9–1275 | 6 Nov. 42. U. S. Rifle, Cal. .30, M1. *C 1.* |
| 9–1276 | 5 Jun. 43. U. S. Carbine Cal. .30, M1 and M1A1. |
| 9–1285 | 25 Nov. 42. Shotguns, All Types. |
| 9–1290 | 18 Mar. 43. Pyrotechnic Projectors, All Types. |
| 9–1292 | 13 Mar. 41. Projector, Ground Signal M4. |
| 9–1295 | 9 Nov. 42. Pistols and Revolvers. |
| 9–1305 | 27 Oct. 41. Gun and Carriage 75-mm, M1897 All Types, and Special Field Artillery Vehicles. |
| 9–1307 | 22 May 44. 75-mm Tank Gun Matériel M2 and M3. |
| 9–1311 | 17 Nov. 43. 75-mm Gun M4 and Airplane Mount M6. |
| 9–1312 | 13 Apr. 44. 75-mm Gun M5 and Airplane Mount M9. |
| 9–1320 | 10 Apr. 44. 75 mm Pack Howitzer M1A1, and Carriage M1, M3A2, M3A3, and M8. |
| 9–1322 | 18 Sep. 43. 3-Inch Gun M5 and Carriage M1. |
| 9–1323 | 28 Dec. 43. 3-Inch Gun M7 and Mount M5. |
| 9–1325 | 21 Sep. 44. 105-mm, Howitzers M2 and M2A1; Carriages M2A1 and M2A2; and Combat Vehicle Mounts M3 and M4. |
| 9–1326 | 20 Jan. 44. 105-mm Howitzer M3 and Howitzer Carriages M3 and M3A1. *C 1.* |

| NUMBER | DATE, TITLE AND CHANGES |
|---|---|
| TM | |
| 9–1330 | 12 Jul. 44. 155-mm Howitzers M1917A1, M1917A2 and M1918 and Carriages M1917A4 and M1918A3. |
| 9–1331 | 31 Jan. 44. 155-mm Howitzer M1, 4.5-Inch Gun M1 and Carriages M1 and M1A1. *C 1, 2.* |
| 9–1334 | 22 Dec. 43. Stabilizers. |
| 9–1341A | 6 May 44. 240-mm, Howitzer M1 and Carriage M1; 8-Inch Gun M1 and Carriage M2. |
| 9–1341B | 15 Mar. 44. Transport Wagons M1A1, M2A1, and M3A1 for 240-mm Howitzer and 8-Inch Gun Matériel M1. |
| 9–1345 | 15 Jul. 42. 155-mm Guns, M1917, M1917A1, and M1918M1 Carriages, M1917, M1917A1, M1918, M1918A1, M2 and M3 Limbers, M1917, M1918, M1918A1, and M3. |
| 9–1350 | 15 Jul. 43. 155-mm Guns M1 and M1A1 and Carriage M1; 8-Inch Howitzer M1 and Carriage M1; Heavy Carriage Limber M2. |
| 9–1360 | 31 May 40. 3-Inch AA Gun Matériel, M2A2, M2A1, M1A2, M1A1, T1A2 and T1A1. |
| 9–1370A | 30 Sep. 42. 90-mm, Gun M1 and Mounts M1 and M1A1 Gun and Upper Carriage. *C 1, 2.* |
| 9–1370B | 30 Sep. 42. 90-mm Gun M1 and Mounts M1 and M1A1, Lower Carriage. |
| 9–1372A | 4 Mar. 44. 90-mm Gun M2 and AA Mount M2. |
| 9–1372B | 20 Dec. 43. Combination Fuze Setter-Rammer M20 and Torque Amplifier (For 90-mm Gun Mount M2). |
| 9–1373 | 30 Sep. 43. 90-mm Gun M1 and Mount M3. |
| 9–1380 | 9 Feb. 44. 120-mm Gun M1 and Antiaircraft Mount M1. |
| 9–1525 | 4 Apr. 41. Angle of Site Instrument, M1917. |
| 9–1527 | 16 Aug. 43. Gunner's Quadrant M1 and M1918. |
| 9–1530 | 19 Aug. 41. Aiming Circle M1, M1918 (French), M1916, and M1916M1. |
| 9–1535 | 12 Sept. 41. Sights M4, M3, M2A3, M2A1, M2 (60-mm & 81-mm Matériel); Sights M2A3, M2A1, M2 (For 81-mm Mortar Matériel Turned In:). |
| 9–1539 | 5 Aug. 43. Telescope M31 and Telescope Mount M35. |
| 9–1542 | 27 Mar. 44. Telescope Mount M30 (For 240-mm Howitzer Carriage M1 and 8-Inch Gun Carriage M2). |
| 9–1543 | 30 Dec. 43. Telescope Mount M44 (For 75-mm Howitzer Motor Carriage M8). *C 1.* |
| 9–1545 | 6 Jul. 42. Telescope Mount M25 (For 4.5-Inch Gun Carriage M1 and 155-mm). |
| 9–1547 | 13 Nov. 41. Mount, Telescope M16 Quadrant, Range, M3 Telescope, Elbow, M5. |
| 9–1548 | 15 Oct. 41. Mount, Telescope M1, Panoramic Telescope M3. |
| 9–1549 | 14 Nov. 41. Mount, Telescope M15A1, Quadrant, Range M1. |
| 9–1550 | 31 May 41. Sight, M1901 (French). |
| 9–1551 | 4 May 42. Telescope Mount M21 and M23, Panoramic Telescope M5A3 (M12A1) Range Quadrant M4, Telescope Mount M23, Elbow Telescope M16, and Instrument Light M5. |
| 9–1552 | 14 Nov. 41. Mount, Telescope M22, etc. |
| 9–1553 | 19 Nov. 41. Mount, Telescope, M18A1 Mount, Quadrant, M1; Telescope, Panoramic M5A5. |
| 9–1554 | 24 Jul. 42. Mount, Telescope M6A1. |
| 9–1555 | 14 Aug. 41. Quadrant Sight; M1917, M1917A1, M1918, and M1918A1. |
| 9–1556 | 8 Jun. 44. Observation Telescopes M48 and M49. |

| NUMBER | DATE, TITLE AND CHANGES |
|---|---|

## ORDNANCE—Continued

### ORDNANCE MAINTENANCE—Continued

TM

9-1557 20 Oct. 41. Quadrant, Elevation M1.

9-1569 21 May 42. Plotting Boards for FA.

9-1570 8 May 42. Plotting Boards for Seacoast Artillery. *C 1.*

9-1578 2 Oct. 41. Telescope M6 and Telescope Mount M19.

9-1580 6 Apr. 42. Battery Commander's Telescope, M1915A1.

9-1581 4 Oct. 41. Telescopic Sights M1 and T3.

9-1582 15 Aug. 42. Telescope M8, Panoramic.

9-1583 20 Jan. 42. Telescopes, Panoramic, M1917M1, M2A1, M3A1, M4, M5A2, M5A3, M5A4, M5A5, M5A6, M6.

9-1584 10 Jun. 42. Telescope, Panoramic M12, M12A1, M12A2 and M12A3.

9-1585 23 May 41. Range Finders, All Types.

9-1590 1 Jul. 41. Setters, Fuze, Bracket, M1916, Series, Setters, Fuze, Hand, M1912, M1913 Series.

9-1591 5 Jun. 43. Fuze Setters M14, M15, M16 and M17.

9-1595 17 Jul. 41. Prosmatic Compass

9-1596 14 Aug. 42. Compass M2.

9-1600 21 Aug. 42. Direct Fire Telescope for 3-Inch and 90-mm Antiaircraft Guns.

9-1605 21 Feb. 41. Set, Control, Equipment, M1 Automatic Gun, AA, M1.

9-1606 12 Jun. 41. Sighting System M2, with Telescope, M7, for 37-mm Antiaircraft Gun. *C 1.*

9-1607 22 Jul. 43. Sighting Systems M5 and M6.

9-1608 25 Oct. 44. Periscopes, Direct Sighting Telescopes, and Elbow Telescopes for Tanks, Motor Carriages, Field Artillery and AA. Artillery.

9-1610 8 Jul. 41. Instrument, Flank Spotting M1, and Rule, Flank Spotting M1.

9-1611 4 Jul. 42. Field Glass, Type EE.

9-1616 1 Aug. 43. Generating Units M5 and M6.

9-1618 11 Oct. 43. Generating Unit M7.

*9-1622 5 Dec. 44. Desiccation and Charging of Height Finders.

9-1623 27 Nov. 43. Height Finders, 13½-Ft, M1 and M1A1.

9-1624 7 Sep. 44. Height Finder M2.

9-1635 8 Feb. 41. Fuze Setter, M8.. *C 1.*

9-1640 18 Sep. 41. Setter Fuze, M9.

9-1641 17 Oct. 41. Fuze Setter, T15 (M13).

9-1642 15 Sep. 42. Remote Control System M2.

9-1643 1 Aug. 42. Remote Control Systems M1 and M5. *C 1, 2.*

9-1646 24 Jun. 43. Gun Data Computer M1.

9-1649 7 Oct. 43. Cable Systems M1 and M2.

9-1650 15 Sep. 41. Director, M3.

9-1651 25 Jan. 42. Data Transmission System, M3. *C 1*

9-1653 10 Oct. 42. Data Transmission System M6 (For 90-mm Antiaircraft Gun Mount M1).

9-1655 26 Jan. 42. Director, M4. *C 1.*

9-1656 15 Jan. 41. Data Transmission System, M4. *C 1, 2.*

9-1658 1 Jul. 42. Director M7. *C 1, 2, 3, 4, 5.*

9-1659 8 May 44. Directors M5, M5A1, and M6.

9-1660 9 Oct. 40. Sound Locator, M2.

9-1661 15 Apr. 41. Sound Locator, M1A1 to M1A8 Inclusive.

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TM

9-1662 8 Jul. 41. Binaural Training Instruments, M1 and M2.

9-1665 2 Mar. 43. Antiaircraft Battery Commander's Observation Instrument M1.

*9-1669B 25 Oct. 44. Gun Data Computers M8 Series: Wiring Diagrams.

9-1671A 13 Jul. 44. Directors M9, M9A1, M9A2, and M10: General Maintenance and Computers, M3, M3A1, M3A2, and M4.

9-1671B 13 Jul. 44. Directors, M9, M9A1, M9A2, and M10: Power Unit, M8, Tracker, M2, and Altitude Converter, M2.

9-1671C 1 Jul. 44. Directors M9, M9A1, and M10: Wiring Diagrams.

9-1671D 20 May 44. Director M9A2, Wiring Diagrams.

9-1672 5 Feb. 44. Electrical Testing Apparatus for Fire Control Equipment.

9-1674 22 Aug. 42. Telescope Mount M2.

9-1675 15 Sep. 41. Instrument Azimuth M1910 and M-1910A1 (Degrees).

9-1678 31 Jul. 44. Remote Control System M15 (For 40-mm Gun, Carriages M2, M2A1).

9-1680 11 Jun. 42. Azimuth Instrument, M1918, and M1918A2.

9-1685 14 Oct. 41. Depression Position Finder M1907.

9-1695 21 Nov. 41. Depression Position Finder M1.

9-1705 20 Aug. 42. Power Train for Scout Car M3A1.

9-1705C 17 Dec. 42. Diesel Power Plant for Scout Car M3A1 (Hercules DJXD Engine).

9-1706 13 Sep. 42. Hercules JXD Gasoline Engine for Scout Cars.

9-1707A 10 Dec. 43. Engine, Engine Accessories, and Electrical Systems for Basic Half-Track Vehicle (IHC) (Personnel Carriers M5 and M5A1 Car M9A1, Multiple Gun Motor Carriages M14 and M17, and Similar IHC Vehicles).

9-1707B 11 Dec. 43. Power Train, Body and Chassis for Basic Half-Track Vehicle (IHC) (Personnel Carriers M5 and M5A1, Car M9A1, Multiple Gun Motor Carriages M14 and M17, and Similar IHC Vehicles.

9-1709 22 Sep. 42. Chassis and Body of Scout Car M3A1.

9-1710 18 Jul. 42. Power Train (Axles, Transmission, and Propeller Shaft) for Half-Track Vehicles.

9-1710B 26 Nov. 42. White 160AX Engine, Half-Track Vehicles.

9-1710C 11 Sep. 42. Chassis and Body for Half-Track Vehicles.

9-1711 26 Jan. 42. White, 160AX Engine, Half-Track Vehicles.

9-1724A 6 Aug. 43. Light Tank T9 E1 (Engine and Engine Accessories).

9-1724B 29 Jan. 44. Power Train, Hull Turret, Suspension, and Tracks for Light Tank T9E1.

9-1725 27 Jan. 44. Ordnance Engine Model R 975-C4 (Continental).

9-1726A 14 Oct. 42. Generating, Starting and Ignition Systems for Light Tanks M3 and Modifications.

9-1726B 14 Nov. 42. Tracks, Suspension, Turret, Hull and Related Components, Light Tank M3.

9-1726C 20 Mar. 42. Continental Engine, Model W670-9A.

9-1726F 18 Sep. 42. Fuel and Lubrication Systems for Light Tanks M3 and M3A1.

9-1727 8 Apr. 42. Guberson Engine, Model T1020. *C 1.*

## ORDNANCE—Continued

### ORDNANCE MAINTENANCE—Continued

TM

9-1727B 4 Jan. 43. Engine Cooling, Engine Electrical and Engine Fuel Systems for Light Tank M5 and 75-mm Howitzer Motor Carriage M8.

9-1727C 5 Feb. 43. Hydra-Matic Transmission and Propeller Shafts for Light Tanks, M5, M5A1, and 75-mm Howitzer Motor Carriage M8.

9-1727D 28 Apr. 43. Transfer Unit for Light Tanks M5, M5A1 and 75-mm Howitzer Motor Carriage, M8.

9-1727E 25 Jun. 43. Differential Final Drive, Track Suspension for Light Tanks, M5 and M5A1 and 75-mm Howitzer Motor Carriage M8.

9-1727F 4 Jun. 43. Auxiliary Generator Electrical System and Instruments for Light Tanks M5, M5A1, and 75-mm Howitzer Motor Carriage M8.

9-1727G 3 Aug. 43. Hull, Turret, Gun Mounts, and Equipment for Light Tanks M5, M5A1 and 75-mm Howitzer Motor Carriage M8.

9-1727K 30 Apr. 43. Hydraulic Traversing Mechanism for Light Tank M5 (Oil gear).

9-1728 8 Apr. 42. Power Train for Light Tanks M3 and M3A1. *C 1.*

*9-1729A 28 Nov. 44. Light Tanks, M5, M5A1, and M24, 75-mm Howitzer Motor Carriage M8, and Twin 40-mm Gun Motor Carriage M19: Engines, Cooling Systems, and Fuel Systems.

9-1731 25 Aug. 42. Breeze Cartridge Starter for Radial Diesel Engines.

9-1731B 15 Jul. 43. Ford Tank Engine, Model GAA, V-8.

9-1731C 23 Aug. 43. Accessories for Tank Engine, Model GAA, V-8 (Ford).

9-1731E 15 Jan. 43. Electric Traversing Mechanism for Medium Tanks M4 and Modifications.

9-1731F 6 May 43. Hydraulic Turret Traversing Mechanism (Logansport) for Medium Tank M4 and Modification.

9-1731G 8 May 43. Hydraulic Traversing Mechanism (Oil gear) for Medium Tanks M4 and Modifications.

9-1731K 18 May 43. Auxiliary Generator (Homelite Model HRUH-28) For Medium Tanks M4 and Modifications.

9-1732A 21 Sep. 42. Engine, Exhaust System and Ignition System for Light Tank M5 and 75-mm Howitzer Motor Carriage M8.

9-1734A 5 Aug. 44. Electric Drive Equipment for Medium Tank, T23.

9-1741A 1 Oct. 43. Power Plant for Armored Car T17E1 (Chevrolet).

9-1741C 18 Oct. 43. Chassis, Hull and Turret for Armored Car T17E1 (Chevrolet).

9-1743 26 Oct. 43. Armored Car, M8 and Armored Utility Car, M20.

9-1746A 30 Aug. 44. Carrier, Universal, T16-Engine and Engine Accessories.

9-1746B 31 Aug. 44. Carrier, Universal, T16-Power Train, Tracks, and Suspension.

9-1750 1 Mar. 42. Power Train Unit, Three-piece Differential Case for Medium Tanks, M3, M4 and Modifications.

9-1750 16 Aug. 43. Power Train for Medium Tanks, M3, M4 and Modifications.

9-1750C 19 May 44. Magnetos (American Bosch MJT 7A302, MFT 9A304, and MJT 9A306).

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TM

9-1750D 12 Aug. 42. Accessories for Wright R975-EC2 Engines for Medium Tanks M3 and M4.

9-1750E 25 Sept. 42. Guiberson Diesel T1400 Engine, Series 3, for Medium Tanks M3 and M4 and Related Gun Motor Carriage.

9-1750F 6 Apr. 43. Power Unit for Medium Tanks M3A4 and M4A4.

9-1750G 1 Sept. 42. General Motors Twin Diesel 6-71 Power Plant for Medium Tanks M3A3, M3A5 and M4A2.

9-1750J 12 May 43. Engine Accessories for Medium Tanks, M3A4, and M4A4.

9-1750K 17 Nov. 43. Tracks and Suspension, Turret and Hull for Medium Tank M4 and Modification.

9-1750L 9 Dec. 43. Hull and Turret, Electrical Systems, Tracks and Suspension for 3-Inch Gun Motor Carriages M10 and M10A1.

9-1751 19 Apr. 44. 9-Cylinder, Radial, Gasoline Engine, (Continental Model R975-C1).

9-1752 4 Aug. 41. Heater Generator for Tank, Medium M3.

9-1755A 5 Oct. 43 Power Train for 76-mm Gun Motor Carriage T70.

9-1755B 29 Jan. 44. Tracks, Suspension Hull, Turret, and Related Components for 76-mm Gun Motor Carriage T70.

9-1756A 9 Dec. 43. Ordnance Engine Model RD 1820 (Caterpillar) (Medium Tank, M4A6).

9-1765A 15 Dec. 42. Axles, Propeller Shafts and Wheels for Bomb Service Truck M6 (Chevrolet).

9-1765B 25 Feb. 43. Engine Power Train, Braking and Steering Systems for Bomb Service Truck M6 (Chevrolet).

9-1767A 18 Dec. 43. Engine and Engine Accessories for Tractor M26, Component of 40-Ton Tank Transporter Trailer Truck M25.

9-1767B 27 Dec. 43. Power Train for Tractor Truck M26, Component of 40-Ton Tank Transporter Trailer Truck M25.

9-1767C 5 Jan. 44. Body, Chassis, and Winches for Tractor Truck M26, Component of 40-Ton Tank Transporter Trailer Truck M25.

9-1767E 17 Feb. 44. Semitrailer M15, Component of 40-Ton Tank Transporter Trailer Truck M25.

9-1772A 2 Jul. 43. Engine and Engine Accessories for Light Cargo Carrier T24.

9-1772B 2 July 43. Power Train, Suspension System. Hull and Hull Electrical System for Light Cargo Carrier T24.

9-1773 5 Sep. 42. Heavy Tractor M1, Caterpillar D7.

9-1774 17 Apr. 44. Snow Tractor M7 & 1-Ton Snow Trailer M-19.

9-1775 12 Feb. 44. Clutch, Power Take-Off, Bilge Pump, Tracks and Suspension and Hull for Landing Vehicles Tracked (Unarmored) MK II (LVT) (2), (Armored) with Turret MK I (LVT (A) (1).

9-1777A 12 Dec. 42. Heavy Tractor M1 (IHC TD-18) Engine.

9-1777B 13 Feb. 43. Heavy Tractor, M1 (IHC TD-18) Diesel Engine Accessories.

9-1777C 25 Feb. 43. Heavy Tractor, M1 (IHC TD-18)—Power Train, Track Frame Assembly, and Seats.

9-1777D 16 Apr. 43. Heavy Tractor M1 (IHC TD-18) Equipment.

9-1783A 9 Jan. 43. Medium Tractor M1 (Allis-Chalmers HD-7W) Diesel Engine, (GM 3-71 RC 14).

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## ORDNANCE—Continued

### ORDNANCE MAINTENANCE—Continued

TM

9-1783B 18 Jun. 43. Medium Tractor M1 (AC-HD-7W) Engine Accessories.

9-1783C 26 Jul. 43. Medium Tractor M1 (Allis-Chalmers HD-7W).

9-1784 5 Oct. 43. Vehicle, Landing, Tracked (Unarmored) MK I LVT (1).

9-1785A 27 Mar. 44. Engine, Engine Accessories, and Torque Converter for 18-Ton M4 and 38-Ton M6 High Speed Tractors.

9-1785B 4 Apr. 44. Power Train, Suspension, and Equipment for 18-Ton High Speed Tractor M4.

9-1786A 15 Jan. 44. Engine, Engine Accessories, Clutch Group, and Propeller Shaft for 13-Ton High-Speed Tractor M5.

9-1786B 25 Feb. 44. Power Train, Track Suspension, and Equipment for 13-Ton High-Speed Tractor M5.

9-1787A 6 Feb. 43. Heavy Tractor M1 (Allis-Chalmers) (HD-10W Engine).

9-1787B 3 Apr. 43. Heavy Tractor, M1 (Allis-Chalmers HD-10W) Engine Accessories.

9-1787C 18 Aug. 43. Heavy Tractor M1 (Allis-Chalmers HD-10W) Power Train, Frame Assembly and Seats.

9-1787D 4 Jun. 43. Heavy Tractor M1 (Allis-Chalmers HD-10W) Equipment.

9-1788 22 Sept. 44. Tractor, High-speed 38-Ton, M6—Power Train, Suspension, Body, and Equipment.

9-1790A 30 Nov. 42. 6-Ton and 20-Ton Trailer (Athey).

9-1795A 25 Sep. 42. Power Train for Heavy Wrecker M1 Series 2 (Axles, Transmission, Wheel and Tires).

9-1795B 23 Jan. 43. Engine for Heavy Wrecking Truck M1.

9-1795C 27 Jan. 43. Crane and Winches, Heavy Wrecking Truck, M1, (Ward LaFrance) (Kenworth).

9-1795D 27 Jan. 43. Body and Chassis for Heavy Wrecking Truck, M1.

9-1796 26 Apr. 44. Crane for Heavy Wrecking Truck M1A1, (Ward LaFrance and Kenworth).

9-1799 23 Apr. 43. Fire Extinguishers.

9-1801 10 Mar. 44. Power Train, Chassis, and Bodies for 2½-Ton, 6 x 6 Truck (GMC, CCKW-353 and 352).

9-1802A 15 Jul. 43. Power Plant for 2½-Ton Amphibian Truck, 6 x 6 (GMC-DUKW-353 & 2½-Ton Truck, 6 x 6 (GMC).

9-1802B 23 Nov. 43. Power Train for 2½-Ton Amphibian Truck, 6x6 (GMC-DUKW-353).

9-1802C 21 Dec. 43. Hull and Water Drive for 2½-Ton Truck, 6 x 6 Amphibian (GMC-DUKW-353).

9-1803A 24 Feb. 44. Engine and Engine Accessories for ¼-Ton 4x4 Truck (Willys-Overland Model MB and Ford Model GPW).

9-1803B 8 Apr. 44. Power Train, Body, and Frame for ¼-Ton, 4 x 4 Truck (Willys-Overland Model MB and Ford Model GPW).

9-1806A 12 May 44. Engine and Engine Accessories for 1½-Ton, 4 x 2 Truck (Ford).

9-1806B 24 Jul. 44. Power Train and Chassis for 1½-Ton, 4 x 2 Truck (Ford).

9-1807 17 Mar. 44. Power Train, Chassis, and Body for 2½-Ton, 6 x 6 Truck and 2½- to 5-Ton, 6 x 4 Truck (Studebaker Models US6 and US6 x 4).

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TM

9-1808A 3 Sept. 43. Power Plant, Clutch, and Electrical System for Basic Vehicles, ¾-Ton, 4 x 4, and 1½-Ton, 6 x 6 (Dodge).

9-1808B 17 Nov. 43. Power Train, Chassis and Body for Basic Vehicles, ¾-Ton, 4 x 4, and 1½-Ton, 6 x 6 (Dodge).

9-1811 4 Feb. 44. Power Train, Chassis, Bodies, and Equipment for 4-Ton, 6 x 6 Truck (Diamond T Models 968A, 969A, 970A and 972).

9-1812 26 May 44. 5-Ton, 4 x 2, Tractor Truck, C.O.E. (I.H.C. Models H542-9 & 542-11 Marmon-Herrington Model 542-11 and Kenworth Model 542-11).

9-1815A 5 Apr. 44. Engine, Engine Accessories, Clutch, And Transmission for 2½- to 4-Ton, 4 x 4, Truck (Four Wheel Drive—Model HAR-1).

9-1815B 7 Mar. 44. Power Train, Chassis and Body for 2½-Ton to 4-Ton, 4 x 4 Truck (Model HARI) Four Wheel Drive.

9-1816 29 Apr. 44. Power, Train, Chassis, and Body for 4- to 5-Ton, 4 x 4 Tractor Truck. (Autocar and Federal).

9-1817 28 Apr. 44. Power Train, Chassis and Body 5- to 6-Ton, 4 x 4, Ponton Tractor Truck (Autocar).

9-1818A 18 Apr. 44. Engine and Accessories for 10-Ton, 6 x 4, Truck (Mack).

9-1818B 7 Jun. 44. Power Train, Chassis and Body for 10-Ton Truck, 6 x 4 (Mack).

9-1821 16 Mar. 44. Power Train, Axles, Bodies, and Frame for 2½-Ton, 4 x 2 Dump Truck (Federal).

9-1823 15 Sept. 44. Truck, 5-Ton, 4 x 2, Dump.

9-1825A 12 Jan. 44. Electrical Equipment (Delco-Remy).

9-1825B 20 Jan. 44. Electrical Equipment (Auto-Lite).

9-1826A 11 Feb. 44. Carburetors (Carter).

9-1826B 1 Apr. 44. Carburetors (Stromberg).

9-1826C 15 May 44. Carburetors (Zenith).

9-1827A 21 Dec. 43. Power Brake Systems (Bendix-Westinghouse).

9-1827B 1 May 44. Vacuum Brake System (Bendix BK).

9-1827C 21 Jan. 44. Hydraulic Brakes (Wagner-Lockheed).

9-1829A 15 Apr. 44. Speedometers, Tachometers and Recorders.

9-1832A 17 May 44. Hercules Engines (Series JX Model B, C, D, E-3, F and CB-JXD; Series HX Models C and D; Series RX Models B and C; Series WXL Models C and C-3).

9-1860 3 Dec. 42. Star-Gaging Equipment, Impression Outfits, and Pressure Gages. *C 1.*

9-1865 9 Mar. 44. Maintenance of Bomb Disposal Equipment for Access and Sterilization.

9-1868 27 May 44. Tire Repair and Retread. *C 1.*

9-1879 29 Mar. 44. Motorcycle, Solo (Harley-Davidson, Model WLA).

9-1893A 19 Sept. 43. Engine, Engine Accessories and Clutch for Light Cargo Carrier Model.

9-1893B 25 Aug. 43. Power Train, Suspension System, Hull and Hull Electrical System for Light Cargo Carrier Model T-15.

9-1900 3 Jul. 42. Ammunition, General. *C 1.*

9-1901 29 June 44. Artillery Ammunition.

9-1904 2 Mar. 44. Ammunition Inspection Guide.

9-1907 23 Sept. 44. Ballistic data, Performance of Ammunition.

9-1930 3 Jun. 42. Bombs for Aircraft.

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|---|---|
| | **ORDNANCE—Continued** |
| | **ORDNANCE MAINTENANCE—Continued** |
| TM | |
| 9-1940 | 15 Jul. 43. Land Mines. *C 1.* |
| 9-1981 | 8 Dec. 43. Military Pyrotechnics. |
| 9-1985 | 22 Oct. 43. Grenades, Hand and Rifle. |
| 9-1990 | 23 May 42. Small Arms Ammunition. *C 1, 2, 3.* |
| 9-2200 | 11 Oct. 43. Small Arms, Light Field Mortars and 20-mm Aircraft Guns. |
| 9-2210 | 11 Jul. 42. Instruction Guide, Small Arms Accident Malfunctions, and Their Causes. |
| 9-2300 | 7 Feb. 44. Standard Artillery and Fire Control Matériel. |
| 9-2571 | 14 Mar. 42. Instruction Guide Plotting Board, M1918A. |
| 9-2579 | 13 Jun. 41. Instruction Guide, Telescope T15. |
| 9-2602 | 5 Jan. 42. Instrument Repairman, General Information. |
| 9-2615 | 8 Feb. 41. Instruction Guide, Generating Unit, M1. |
| 9-2616 | 22 Apr. 42. Instruction Guide, Generating Unit, M5. |
| 9-2617 | 16 Apr. 42. Instruction Guide, Generating Unit, M6. |
| 9-2623 | 19 Nov. 40. Instruction Guide, Height Finder, M1. *C 1.* |
| 9-2641 | 1 May 41. Instruction Guide, Fuze Setter T15 (For 90-mm AA Gun M1). |
| 9-2642 | 1 Aug. 42. Instruction Guide, Remote Control System M2. *C 1.* |
| 9-2646 | 9 Mar. 43. Instruction Guide, Gun Data Computer, M1. |
| 9-2653 | 27 Mar. 41. Instruction Guide, Stereoscopic Tester M1A1. |
| 9-2655 | 6 Dec. 40. Instruction Guide, Director, M4. *C 1.* |
| 9-2660 | 11 Oct. 40. Instruction Guide, Sound Locator, M2. |
| 9-2674 | 30 Aug. 41. Instruction Guide, Telescope Mount, M20; Panoramic Telescope, M8; Elevation Quadrant, M1. |
| 9-2680 | 16 Jul. 41. Instruction Guide, Azimuth Instrument, M1918A2. |
| 9-2681 | 10 Jul. 41. Instruction Guide, Plotting Boards, M3 and M4. |
| 9-2682 | 7 Jan. 41. Instruction Guide, Spotting Board, M3. |
| 9-2683 | 23 Jul. 41. Instruction Guide, Plotting Board, M5. |
| 9-2684 | 8 Mar. 42. Instruction Guide. Sound Ranging Plotting Board, M1. |
| 9-2800 | 6 March 44. Standard Military Vehicles. |
| 9-2810 | 21 Oct. 43. Motor Vehicle Inspections and Preventions and Preventive Maintenance Services. |
| 9-2852 | 3 Jun. 43. Welding Theory and Application. |
| 9-2853 | 5 Jan. 44. Preparation of Ordnance Matériel for Deep Water Fording. |
| 9-2865 | 6 Jan. 44. Repair of Slide Fasteners (Instruction Guide). *C 1.* |
| 9-2900 | 29 Sep. 40. Military Explosives. |
| | **QUARTERMASTER** |
| 10-205 | 3 Oct. 44. Mess Management and Training. *C 1.* |
| 10-210 | 23 Sep. 40. Inspection of Subsistence Supplies. |
| 10-215 | 1 May 44. Sales Commissary Operation. |
| 10-225 | 20 Aug. 40. Inspection of Textiles. *C 1.* |
| 10-226 | 3 Jan. 41. Classification, Processing, and Inspection of Leather and Leather Equipment. |

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| TM | |
| 10-230 | 24 Jul. 43. Depot Company Supply. |
| 10-235 | 1 Jun. 44. Quartermaster Handbook, Service Company. |
| 10-250 | 1 Oct. 40. Storage and Issue. *C 1.* |
| 10-260 | 15 Mar. 43. Quartermaster Salvage, Theater of Operations. |
| 10-265 | 15 Nov. 43. Quartermaster Handbook, (Tentative), Salvage Repair Company. |
| 10-266 | Quartermaster Handbook, Salvage Collecting Company. |
| 10-275 | 26 Oct. 44. Principles of Cold Weather Clothing and Equipment. |
| 10-325 | 30 Aug. 40. Agent Officers. *C 1.* |
| 10-351 | 21 Sep. 42. Operating Instructions and Parts Lists, Mobile Laundry Unit W-950-QM-3270. |
| 10-352 | Mar. 43. Quartermaster Handbook, Laundry Company. |
| *10-355 | 1 Dec. 44. Quartermaster Fixed Laundry Procedure. |
| 10-367 | Oct. 44. Quartermaster Base Depot Company. |
| 10-370 | 8 Apr. 41. Rail Transportation—Zone of the Interior. |
| 10-379 | 15 Nov. 43. Quartermaster Handbook Railhead Company (Tentative). *C 1.* |
| 10-380 | 14 Feb. 41. Water Transportation. |
| 10-390 | 28 Feb. 41. Operations of Remount Breeding Service. *C 1.* |
| 10-395 | 18 Dec. 41. Remount. |
| 10-396 | 1 Jul. 43. War Dogs. |
| *10-400 | Nov. 44. Stoves, Ranges, Ovens, and Cooking Outfits. |
| 10-405 | 24 Apr. 42. The Army Cook. *C 1, 2, 3.* |
| 10-406 | 22 Nov. 43. Cooking Dehydrated Foods. *C 1.* |
| 10-407 | 1 Jul. 43. Cutting of Beef. |
| 10-408 | 1 Jul. 43. Cutting and Preparing of Lamb. |
| 10-410 | 1 Jul. 42. Army Baker. *C 1, 2.* |
| 10-411 | 5 Oct. 43. Baking Manual for the Army Cook. |
| 10-412 | 15 Aug. 44. Army Recipes. |
| 10-413 | 11 Jul. 44. Unit Meat Supply. |
| 10-415 | Mar. 43. Quartermaster Handbook. Bakery Company. |
| 10-420 | 15 Apr. 43. Emergency Food Plants and Poisonous Plants of the Islands of the Pacific. |
| 10-430 | 27 Mar. 42. The Saddler. |
| 10-445 | 12 Nov. 41. The Machinist. |
| 10-450 | 21 Nov. 41. Sheet Metal Work, Body, Fender, and Radiator Repairs. |
| 10-455 | 13 Mar. 42. The Body Finisher, Woodworker, Upholsterer, Painter, and Glassworker. |
| 10-470 | 24 Jul. 43. Quartermaster Handbook, Car Company. |
| 10-475 | Dec. 43. Quartermaster Handbook, Truck Company. |
| 10-510 | 1 Oct. 40. The Motor Vehicle. |
| 10-515 | 25 Sep. 42. The Motorcycle. |
| 10-550 | 27 Dec. 40. Fuels and Carburetion. *C 1.* |
| 10-560 | 20 May 41. Chassis, Body, and Trailer Units. *C 1.* |
| 10-565 | 8 Mar. 41. Automotive Brakes. |
| 10-580 | 29 Jan. 41. Automotive Electricity. *C 1, 2, 3.* |
| 10-585 | 10 Apr. 41. Automotive Power Transmission Units. |
| 10-590 | 26 May 41. Hand, Measuring, and Power Tools. |

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## QUARTERMASTER—Continued

TM

10-610 12 Jun. 43. Refrigeration. *C 1.*

10-615 15 Nov. 43. Quartermaster Handbook, Refrigeration Company, (Tentative).

10-630 23 Sep. 41. Graves Registration. *C 1, 2.*

10-640 3 Dec. 42. Quartermaster Sterilization Company (Tentative).

10-641 14 Nov. 42. Operating Instructions and Spare Parts Manual for Model MSB U.S.Q, M.C. Mobile Sterilization-Bath Unit U. S. Government Semitrailer Mounted.

10-645 21 Oct. 44. Fumigation and Bath Company (Q.M.).

10-1100 1 Oct. 41. Parts Price List, Special Model, GP ¼-Ton 80" Wheelbase, 4-Wheel Drive 4 x 4, Ford. *C 1.*

10-1101 1 Oct. 41. Maintenance Manual for Truck, Ford, ¼-Ton, 4 x 4, 1941. *C 1.*

10-1102 20 Aug. 41. Parts List for Willys Truck, Model MA, ¼-Ton, 4 x 4. *C 1.*

10-1104 18 Jul. 41. Parts Book, Model CCKWX-353, 6 x 6, General Motors Truck. *C 1.*

10-1106 10 Jul. 41. Parts List, Truck, 4-5-Ton, 4 x 4, Coe, Federal (Model 94 x 43).

10-1108 27 Aug. 41. Parts Price List, Truck, 6-Ton, 6 x 6, Corbitt. *C 1.*

10-1110 28 Oct. 41. Maintenance Manual and Parts List, Semitrailer, 2-Wheel, Trailmobile.

10-1114 26 Jul. 41. Parts List and Illustrations, International, 2½-Ton, 4 x 2, Truck, Model K-7.

10-1115 26 Jul. 41. Operation and Maintenance Manual, International, 2½-Ton, 4 x 2, Truck, Model K-7.

10-1116 4 Sept. 41. Parts List 4- 5-Ton, 4 x 4, Tractor Truck, The Autocar Company.

10-1117 4 Sep. 41. Maintenance Manual, Tractor Truck, ⅘-Ton, 4 x 4, Autocar (Model U-7144-T).

10-1118 4 Sep. 41. Parts List, 5- 6-Ton, 4 x 4, Ponton Tractor-Truck.

10-1119 4 Sep. 41. Maintenance Manual 5- 6-Ton, 4 x 4, Ponton Tractor-Truck.

10-1120 24 Jul. 41. Parts List, Truck, ½-Ton, 4 x 4, Dodge.

10-1122 24 Jul. 41. Parts List, Truck, ½-Ton, 4 x 4, Dodge. *C 1.*

10-1123 24 Jul. 41. Maintenance Manual, Dodge Trucks, ½-Ton, 4 x 4. *C 1.*

10-1129 30 Oct. 41. Maintenance Manual, Car, 5 Passenger, Chevrolet (BG).

10-1131 1 Dec. 41. Maintenance Manual, Truck, 1½-Ton (LC), 4 x 4, Chevrolet.

10-1132 22 Oct. 41. Chevrolet Parts Price List 1942, Left Hand Drive, Car, Four Door Sedans.

10-1133 1 Oct. 41. Maintenance Manual Chevrolet Passenger Car.

10-1136 8 Aug. 41. Maintenance Manual Book of Parts, Truck, and Price List (GMC Model AFKX-352) (U.S.A. Registration Numbers: W-605530 to W-605979.

10-1139 20 Feb. 42. Maintenance Manual, Truck, 1½-Ton, 4 x 2, Ford.

10-1140 20 Aug. 41. Parts List and Illustrations, International K-7, 4 x 2, Truck.

10-1141 20 Aug. 41. Operation and Maintenance Manual (International Model K-7, 4 x 2, Truck).

10-1144 29 Jul. 41. Parts List and Illustrations, International 5-Ton, 4 x 2, Truck.

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10-1145 26 Jul. 41. Operation and Maintenance Manual, International 5-Ton, 4 x 2, Truck, Model KR-11.

10-1146 26 Aug. 41. Parts List, Truck, 2½ - Ton, 6 x 6, GMC. *C 1.*

10-1149 28 Aug. 41. Instruction Manual for Plymouth Cars (Code P11).

10-1150 28 Aug. 41. Plymouth Passenger Car Parts List (Model P11).

10-1151 28 Aug. 41. Maintenance Manual 5-Passenger Sedan, Plymouth.

10-1152 21 Nov. 41. Parts List, Truck, ½-Ton, 4 x 4, Dodge.

10-1153 10 Sep. 41. Maintenance Manual, Truck, ½-Ton, 4 x 4, Dodge.

10-1158 29 Aug. 41. Parts Catalog, Model 50SD6, Prime Mover, 6-Ton, 6 x 6 Corbitt.

10-1170 18 Sep. 41. Combined Maintenance Manual and Parts List, Trailer, 6-Ton, 2-Wheel, Winter Weiss.

10-1172 26 Jul. 41. Parts List, Truck, 2½-Ton (LC) 4 x 2, International. *C 1, 2.*

10-1173 26 Jul. 41. Operation and Maintenance Manual, International, 2½-Ton, 4 x 2 Truck, Model K-7.

10-1178 13 Sept. 41. Dodge Truck T-203, Parts List, 1½-Ton Models.

10-1179 13 Sep. 41. Instruction Manual Dodge Trucks Built for United States Army.

10-1180 17 Sep. 41. Parts List, Truck, ½-Ton, 4 x 4, Dodge.

10-1181 17 Sep. 41. Maintenance Manual, Truck, ½-Ton, 4 x 4, Dodge.

10-1182 26 Sep. 41. Parts List, Truck, 6-Ton, 6 x 6, Mack.

10-1183 26 Sep. 41. Maintenance Manual, Truck, 6-Ton, 6 x 6, Mack.

10-1188 17 Sep. 41. Parts List, Mack, Model NB.

10-1189 17 Sep. 41. Maintenance Manual Model NB, Mack.

10-1190 7 Oct. 41. Mack Model EES Parts List, Truck, 2½-Ton, 4 x 2.

10-1191 7 Oct. 41. Maintenance Manual, Truck, 2½-Ton, 4 x 2, Mack (Model EES).

10-1193 17 Sep. 41. Instruction Manual, Dodge Trucks, 1½-Ton.

10-1194 17 Sep. 41. Parts List, Truck, ½-Ton, 4 x 4, Dodge.

10-1195 17 Sep. 41. Instruction Manual, Dodge Trucks.

10-1198 24 Jul. 41. Parts List, Dodge Truck, T-207, ½-Ton, 4 x 4.

10-1200 16 Aug. 41. Dodge Truck, T-211, Parts List.

10-1201 28 Jul. 41. Instruction Manual Dodge Trucks, ½-Ton, 4 x 4, Chassis Built for U. S. Army. *C 1.*

10-1204 20 Aug. 41. Parts Book, Bantam, Model BRC. 4 x 4, ¼-Ton, Reconnaissance and Command Trucks. *C 1.*

10-1205 20 Aug. 41. Maintenance Manual, Bantam, Model BRC, 4 x 4, ¼-Ton. *C 1.*

10-1209 18 Aug. 41. Maintenance Manual, Truck, ½-Ton, 4 x 4, Dodge.

10-1211 10 Sep. 41. Instruction Manual Dodge Trucks Built for U. S. Army.

10-1213 3 Jul. 42. Operation and Maintenance Manual and Parts List. Carter Trailers Built for U. S. Army, 6-Ton, Semitrailer, Two-Wheel (2DT) Textile Repair Equipment Van.

10-1214 3 Oct. 41. Parts List, Truck, 1½ to 3-Ton, 4 x 4, GMC.

10-1215 3 Dec. 41. Maintenance Manual, Truck, 1½- 3-Ton, 4 x 4.

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## QUARTERMASTER—Continued

TM

10-1226 26 Sept. 41. Book of Parts—Model AFKX-352, Truck Chassis.

10-1231 26 Sept. 41. Maintenance Manual, Truck, 1½- 3-Ton, 4 x 4, GMC.

10-1232 26 Sept. 41. GMC, Model ACKWX-353. *C 1.*

10-1241 26 Sept. 41. Maintenance Manual, GMC, Model ACKWX-353, Truck Chassis.

10-1242 15 Aug. 42. Combined Maintenance Manual and Parts List—Tank Transporter Trailer, Model CPT 45 SP.

10-1250 2 Jan. 42. Parts Price List, Truck, ½-Ton (LC), 4 x 2, Chevrolet Job, 21G.

10-1251 15 Nov. 41. Maintenance Manual, Truck, ½-Ton (LC), 4 x 2, Chevrolet.

10-1255 6 Jul. 42. Maintenance Manual, 6 x 4, Transporter, Diamond T. Motor Car Co.

10-1265 1 Oct. 41. Maintenance Manual, Trucks, 1½-3-Ton, 4 x 4, GMC.

10-1268 3 Oct. 41. Parts List Truck, 2½-Ton, 6 x 6, GMC.

10-1276 13 Oct. 41. Indian Motorcycle Parts List, Military Model, 640.

10-1279 13 Oct. 41. Indian Motorcycle, Military Model, 640, Operators Manual of Care and Maintenance.

10-1280 10 Oct. 41. Indian Motorcycle Parts List, Military Model 640.

10-1281 15 May 43 American Bantam, Parts List and Maintenance Manual.

10-1282 13 Oct. 41. Military Parts List, Model 340, Indian Motorcycle.

10-1283 13 Oct. 41. Indian Military Motorcycle, Model 340, Manual of Care and Maintenance.

10-1292 22 Oct. 41. Parts List, Motorcycle, Solo, Harley-Davidson.

10-1293 Oct. 42. Operation and Maintenance Manual, Motorcycle, Model 42XA-Solo (Shaft Drive) Contract Number W-398-QM-9640.

10-1294 22 Oct. 41. Combined Maintenance Manual and Parts List, Semitrailers, Fruehauf (Model 200-S).

10-1301 15 Oct. 41. Chevrolet Car 1941 Shop Manual.

10-1303 15 Oct. 41. Chevrolet Shop Manual, 1941 Passenger Cars.

10-1305 15 Oct. 41. Chevrolet Shop Manual, 1941 Trucks.

10-1306 17 Oct. 41. Chevrolet Parts Price List, Truck ½-Ton, 4 x 2.

10-1307 Dec. 43. Maintenance Manual and Parts List, Semitrailer — 2-Wheel (2DT), 10-Ton Gross Refrigerator Trailmobile, Model TD-42.

10-1308 17 Oct. 41. Chevrolet Parts List, Truck ½-Ton Series, 4 x 2.

10-1310 17 Oct. 41. Chevrolet Parts Price List, Truck 1½-Ton, Series 4000. *C 1.*

10-1312 17 Oct. 41. Chevrolet Car Master Parts Price List.

10-1315 15 Jul. 42. Semitrailer, 2-Wheel (2DT), Shoe Repair Van and 10-Ton Gross Van.

10-1316 17 Oct. 41. Parts List, Tractor-Truck, 4 x 2.

10-1321 15 Mar. 42. Maintenance Manual, Chevrolet 1½-Ton (LC), 4 x 2, Truck Cab over Engine.

10-1322 3 Nov. 41. Combined Maintenance Manual and Parts List, Trailers Tank Transporter and Recovery, Rogers.

10-1327 5 Nov. 41. Maintenance Manual, Model LM-SW, 6 x 4, Truck—Chassis Serial No's. LM 2D 1236 to 1416—Contract DA-W-398-QM-77.

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TM

10-1329 15 Nov. 41. Maintenance Manual, Truck, 1½-Ton, 4 x 2, Ford.

10-1340 2 Mar. 42. Parts Price List, Truck, 1½-Ton (LC), 4 x 2, Chevrolet.

10-1341 1 Mar. 42. Maintenance Manual, Truck, 1½-Ton (LC), 4 x 2, Chevrolet.

10-1344 26 Jul. 41 Parts List, Truck, 2½-Ton (LC), 4 x 2, International.

10-1345 26 Jul. 41. Maintenance Manual, Truck, 2½-Ton (LC), 4 x 2, International.

10-1350 29 Mar. 43. Spare Parts List for Harley-Davidson Motorcycles and Sidecars.

10-1352 25 Nov. 41. Spare Parts List for Harley-Davidson Motorcycles Solo Only.

10-1353 6 Feb. 43. Parts List and Maintenance Manual for 6-Ton, 2-Wheel Hobbs Trailers.

10-1354 25 Nov. 41. Parts List, Mortocycles, Service-cars, and Side Cars, Harley-Davidson.

10-1368 15 Dec. 41. Parts List, Truck, ½-Ton, 4 x 4, Dodge.

10-1369 3 Nov. 42. Operation and Maintenance Manual and Parts List—Semitrailer, 2-Wheel (2DT) Gentry Trailers Built for United States.

10-1372 1 Dec. 41. Combined Parts List and Maintenance Manual, Semi-trailer, 2-Wheel, (2DT), Highway.

10-1374 21 Jan. 42. Parts List, Car, Fordor Sedan, 6-Cylinder, 114" Wheelbase Ford. *C 1.*

10-1375 4 Feb. 42. Maintenance Manual for Car, Ford Fordor Sedan Built for U. S. Government, Models 2GA73C and 21A73C.

10-1377 29 Jan. 42. Operation and Maintenance Manual Model SU-COE-5-6-Ton, 4 x 4, Truck.

10-1378 1 Feb. 42. Parts List, Truck, ½-Ton, 4 x 2, Dodge.

10-1383 15 Nov. 41. Maintenance Manual, Truck, 5-Ton, 4 x 2, International.

10-1392 16 Dec. 41. Combined Parts List and Maintenance Manual, Truck Chassis, 2½-Ton, 4 x 4, COE Autocar.

10-1394 16 Dec. 41. Combined Parts List and Maintenance Manual, Truck Chassis, 2½-Ton, 4 x 4, COE Autocar.

10-1396 16 Dec. 41. Care and Operation with Parts List, Tractor-Truck, 2½-Ton, 4 x 4, COE, Autocar (1941 Model U-4044).

10-1400 10 Jul. 41. Parts List, Truck, 1½-3-Ton, 4 x 4, GMC.

10-1401 10 Jul. 41. Maintenance Manual, Truck, 1½-3-Ton, 4 x 4, GMC (Model AFKX-352) (Gen. Motors Truck).

10-1404 29 Dec. 41. Combined Maintenance Manual and Parts List, Portable Gasoline Dispenser, Gray.

10-1410 14 Apr. 42. Parts Price List, Truck, 1½-Ton (LC), 4 x 2, Chevrolet Model 4103 (Jobs 31M-31R), Chassis with Cab Truck.

10-1411 1 Apr. 42. Maintenance Manual, Truck, 1½-Ton, (LC), 4 x 2, Chevrolet.

10-1417 1 Aug. 43. Combined Maintenance Manual and Part List, Refrigerated Semitrailer, Thermo King Model QMC-1043.

10-1433 30 Mar. 42. Maintenance Manual for Ford Truck, 1½-Ton, 4 x 2.

10-1435 20 Aug. 42. Maintenance Manual for Ford Truck, 1½-Ton, 4 x 4.

10-1436 4 Feb. 42. Parts List, Truck, ½-Ton, 4 x 2, Ford.

10-1440 23 Jan. 42. Operation and Maintenance Manual and Parts List, 7-Ton Semitrailer.

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## QUARTERMASTER—Continued

TM

10–1442 15 Feb. 42. Parts List, Truck, ½–Ton, 4 x 4, Dodge.

10–1443 20 Feb. 42. Maintenance Manual, Truck, ½–Ton, 4 x 4, Dodge.

10–1444 2 Mar. 42. Parts List, Truck, ½–Ton, 4 x 4, Dodge.

10–1445 15 Mar. 42. Maintenance Manual, Truck, ½–Ton, 4 x 4, Dodge.

10–1446 23 Jan. 42. Combined Maintenance Manual and Parts List, Semitrailer, 4–Wheel (4DT) Van Body Fruehauf Trailer Company.

10–1447 10 Feb. 42. Maintenance Manual, U. S. Army Mack Model NM–5, 6–Ton, 6 x 6, Prime Mover Truck.

10–1454 28 Jan. 42. Combined Maintenance Manual and Parts List, Trailer, 1–Ton, 2–Wheel, 250–Gallon Water Tank.

10–1458 23 Oct. 42. Truck, Federal, Parts Lists.

10–1462 29 Jul. 41. Parts List and Illustrations, Truck, 5–Ton, 6 x 4, International.

10–1463 29 Jul. 41. Maintenance Manual, Truck, 5–Ton, 6 x 4, International.

10–1465 9 Feb. 42. Maintenance Manual, Express Body Truck, 1½–Ton, 4 x 2, Chevrolet.

10–1468 12 Feb. 42. Combined Parts List and Maintenance Manual, Trailers, 1-Ton, 2-Wheel, Nash-Kelvinator.

10–1477 Feb. 43. Maintenance Manual, U. S. Army, Mack Model NM–5, 6-Ton, 6 x 6, Prime Mover Truck.

10–1478 10 Feb. 42. Model No. 2, 7½-Ton, 6 x 6, Prime Mover Truck.

10–1481 2 Mar. 42. Combined Maintenance Manual and Parts List, Bicycles, Columbia.

10–1484 20 Feb. 42. Parts and Price List Indian Motorcycle, Model 741–B.

10–1485 20 Feb. 42. Operation and Maintenance, Indian Motorcycle, Model 741–B.

10–1486 1 Feb. 41. Body Parts and Price List, Car, Fordor Sedans, Fords.

10–1504 29 Jul. 41. Parts List and Illustrations, Truck, 2½-Ton, 6 x 6, International.

10–1505 29 Jul. 41. Operation and Maintenance Manual, International, 2½-Ton, 6 x 6, Truck, Model M–5–6.

10–1510 27 Apr. 42. Parts List and Illustrations, International, 2½-Ton, 4 x 2, Truck, Model K–7.

10–1518 12 Mar. 42. Parts Price List, Indian Shaft Drive, Military Motorcycle, Model 841.

10–1519 12 Mar. 42. Model 841, Shaft Drive Indian Motorcycle, Operation and Maintenance Manual.

10–1525 18 Mar. 42. Maintenance Manual, 1½-Ton, 4 x 2, Truck, Models 4403 and 4409, Contract Number DA–W–398–QM–418.

10–1530 26 Mar. 42. Parts List, ¾-Ton, 4 x 4, Dodge Truck, Built for United States Army.

10–1532 7 Apr. 42. Parts List, Truck, 4-Ton, 6 x 6, Diamond T Motor Car Company.

10–1541 14 Apr. 42. Maintenance Manual for Ford Truck, 1½-Ton, 4 x 2, (Right Hand Drive) Model 218–TF.

10–1561 5 Aug. 42. Operation and Maintenance Manual, International, 2½-Ton, 4 x 2, Tractor-Truck, Model KR–8–R.

10–1566 23 Jul. 42. Parts List, 4- 5-Ton, 4 x 4, Tractor-Truck, Model No. U–7144–T, Contract No. W–670–ORD–3181.

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TM

10–1567 1 Nov. 42. Maintenance Manual, 4- 5-Ton, 4 x 4, Tractor-Truck.

10–1568 23 Jun. 42. Parts List, 4- 5-Ton, 4 x 4, Tractor-Truck.

10–1600 28 June 41. Parts List, Truck, 6-Ton, 6 x 6, (4DT), Mack.

10–1602 Jan. 41. Parts List, Model 967, 6 x 6, Diamond T Trucks, Serials 9670001 to 9670998. *C 1, 2.*

10–1603 16 Jul. 41. Maintenance Manual, Truck, 4-Ton, (HC), 6 x 6, Diamond T (Model 967). *C 1.*

10–1604 7 Oct. 41. Parts List, Truck, 4-Ton, 6 x 6, Diamond T. *C 1, 2.*

10–1606 7 Oct. 41. Parts List, Truck, 4-Ton, 6 x 6, Diamond T. (Models 968–A, 969–A and 960–A). *C 1.*

10–1609 22 Sep. 43. Operation and Technical Manual and Parts List, Semitrailer, Two-Wheel, 10-Ton, Refrigerator, Model SR–120.

10–1611 10 Jul. 42. Operation and Maintenance, 10-Ton Refrigerator (Van Semitrailer).

10–1614 9 Jul. 43. Maintenance Manual and Parts List, Refrigeration Trailer, Contract No. W950–qm–4935 and 122 Units.

10–1618 15 Dec. 43. Parts List and Maintenance Manual, Semitrailer, 6-Ton Van Body, 2-Wheel, (2DT) Model T–8.

10–1621 Jan. 44. War Department Technical Manual, Heater, Tent, Gasoline Herman-Nelson Model GT–3000–20.

10–1622 25 Jan. 44. Combined Maintenance Manual and Parts List, Truck, Fork Lift, 6000 pounds.

*10–1624 15 July 44. Tractor, Wheeled, 3,300 lb Drawbar Pull (International Harvester Model I–4).

10–1625 7 Jun. 44. Refrigerator, Field, Portable (26½-Cu. ft.).

10–1629 21 Sep. 44. Tractor, Warehouse, Model "LAI", 7500 Lbs. Drawbar Pull.

10–1634 8 Aug. 44. Refrigeration Unit, Portable, 125 Cubic Feet.

10–1675 27 May 43. Truck Engineering Semitrailer, 6–Ton, Gross Van Type, Model 2SF.

10–1676 20 Mar. 43. Brockway Truck, Models 146–S, 156–I, 166–S, 260–A, B666.

10–1679 10 Apr. 43. U. S. Army, Mack, Models No. 2, 3 & 6, 7½–Ton, 6 x 6, Prime Mover Trucks.

10–1684 14 May 43. International, 2½–Ton, 4 x 2, Dump Truck, Model K–7.

10–1686 17 April 43. Parts List and Illustrations, International, 5-Ton, 4 x 2, tractor-truck, Model KR–11.

10–1687 17 Apr. 43. International, 5–Ton, 4 x 2, Tractor–Truck, Model KR–11.

10–1690 15 Dec. 43. Parts List for Car Passenger, Plymouth, Model P14.

10–1700 20 Aug. 41. GMC Parts Book, 4 x 4, AFKX–804.

10–1701 20 Aug. 41. Maintenance Manual, Truck, GMC, AFKX–804.

10–1703 1 Oct. 41. Maintenance Manual, Trucks, 1½–Ton, 4 x 2, GMC.

10–1704 1 Oct. 41. Parts List, Truck, 5– 6–Ton, 4 x 4, COE Mack.

10–1705 29 Aug. 41. Maintenance Manual, Tractor–Truck, 5– 6–Ton, 4 x 4, Mack.

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## SIGNAL

TM

11-200 31 Oct. 42. Radio SCR-AF-183, SCR-AG-183, SCR-AH-183, SCR-AJ-183, SCR-AK-183, SCR-AL-183, SCR-AL-283, SCR-AN-183, SCR-AN-283.

11-227 10 Apr. 44. Signal Communication Equipment Directory, Radio Communication Equipment.

E11-227 Jun. 44. Signal Communication Equipment Directory, German Radio Communication Equipment.

11-228 12 Oct. 42. AN/FRC-1 Radio Set RT-16/FRC-1 Radio Receiver and Transmitter C-34/FRC-1 Remote Control Unit.

*11-230C 15 Aug. 44. Radio Set SCR-694-C.

11-231 15 Dec. 41. Radio Sets SCR-178 and SCR-179.

11-232 9 Aug. 41. Radio Set SCR-177-B. *C 1.*

11-233 31 Mar. 42. Radio Set SCR-188-A.

11-235 14 May 43. Radio Sets SCR-536-A, SCR-536-B, SCR-536-C, and SCR-536-D. *C 1, 2.*

11-237 14 Mar. 42. Radio Sets SCR-131 and SCR-161.

11-238 17 Apr. 42. Radio Sets, SCR-194 and SCR-195, and Auxiliary Equipment. *C 1.*

11-239 14 Aug. 41. Radio Set SCR-203.

11-241 30 May 42. Radio Sets SCR-197-B, SCR-197-C, SCR-197-D, SCR-197-E, and SCR-197-F.

11-242 15 June 43. Radio Set SCR-300-A.

11-243 24 Mar. 44. Radio Set SCR-291-A. (Direction-Finding).

11-244 5 Aug. 43. Radio Set SCR-281 D.

11-245. 30 Jul. 43. Radio Set SCR-511-A, Radio Set SCR-511-B, Radio Set SCR-511-(*) and Power Supply Unit PE-157-(*). *C 1.*

11-246A 30 Mar. 44. Radio Set SCR-503-A.

11-246B 4 Mar. 44. Radio Set SCR-503-B (Direction-Finding).

11-247 26 Aug. 44. Radio Set SCR-551-A and SCR-551-B.

11-250 28 Oct. 42. Radio Set SCR-288. *C 1.*

11-254 2 Aug. 44. Radio Set SCR-292 (Direction-Finding).

*11-255 29 Sept. 44. Radio Set SCR-556-A.

*11-265 21 June 44.[1] Radio Set AN/PRC-5.

11-272 23 Feb. 42. Radio Sets, SCR-210-A-B-C-D-E-F-G-H & J and Radio Sets SCR-245-A-B-C-D-E-F-G-H-J-K-L-M-N-P. *C 1.*

11-273 12 Apr. 41. Radio Sets, SCR-193-A, B, C, D, and E. *C 1, 2, 3.*

11-275 24 Jan. 44. Radio Set SCR-284-A.

11-277 17 Jun. 44. Radio Set AN/VRC-1.

11-280 22 Jun. 43. Radio Set SCR-299-A, B, C, and D. *C 1.*

11-281 4 Sep. 43. Radio Sets SCR-399-A and SCR-499-A.

11-300 20 Jul. 44. Frequency Meter Sets SCR-211-A, B, C, D, E, F, J, K, L, M, N, O, P, Q, R, T, AA, AC, AE, AF, AG, AH, AJ, AK, AL.

11-302. 10 Dec. 41. Charging Set, SCR-169. *C 1.*

11-302H 10 Jul. 43. Technical Manual for Charging Set SCR-169.

11-302K 7 Aug. 43. Technical Manual for Charging Set 169 (PE-43-HK).

11-303 4 Mar. 44. Test Sets I-56-C, I-56-D, I-56-H, and I-56-J.

*11-305 29 Aug. 44. Charging Set SCR-606-A.

11-306C 2 Feb. 43. Maintenance Equipment ME-13-C.

11-306D 25 Jun. 43. Maintenance Equipment ME-13-D.

[1]This Technical Manual is distributed only to interested headquarters and to individuals whose duties require that they have it. This Technical Manual must be safeguarded in accordance with provisions of AR 380-5.

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TM

*11-307 16 March 43.[1] Signal Generators I-72-G and I-72-H.

11-308 13 Jan. 44. Remote Control Unit RM-29-(*).

11-310 25 Oct. 43. Schematic Diagrams for Maintenance of Ground Radio Communication Sets. *C 1, 2, 3, 4.*

11-311 7 May 43. Test Equipment IE-17-E. *C 1.*

11-312 11 Oct. 43. Remote Control Equipment RC-47-A, RC-47-B, RC-47-C, RC-47-D, and RC-47-G.

11-313 8 Mar. 43. Allén Model E-2 Unitron Rectifier.

11-314 30 Nov. 43. Antennas and Antenna Systems. *C 1.*

11-315 10 Oct. 43. Maintenance Equipment ME-40-(*) and Maintenance Kit ME-53-(*). *Supplement.*

11-317 28 Aug. 43. Technical Manual for Signal Generator I-208-.

11-318 30 Jul. 43. Alignment Equipment ME-73.

11-321 23 Jul. 43. Technical Manual for Test Set I-56-E.

11-330 29 Oct. 43. Switchboards BD-71, BD-72, BD-72-A, and BD-72-B. *C 1.*

11-331 30 Jun. 41. Switchboard BD-14.

11-332 1 June 42. Telephone Central Office Set TC-4. *C 1, 2, 3.*

11-333 6 March 42. Telephone EE-8-A and EE-8-B and EE-8. *C 1, 2.*

11-334 20 Aug. 43. Timing and Telephone Sets ML-110-(*) and ML-210-(*).

11-335 15 Apr. 42. Telephone Central Office Set TC-1. *C 1.*

11-336 18 Jan. 43. Telephone Central Office Set TC-12. *C 1, 2, 3.*

11-338 28 July 44. Telephone Central Office Set TC-10.

11-340 19 Oct. 42. Telephone Central Office Set TC-2. *C 1, 2.*

11-341 8 Apr. 43. Telephone Terminal CF-1-A (Carrier) and Repeater CF-3-A (Carrier). *C 1.*

11-342 8 Jun. 43. Ringing Equipments EE-100-T1, EE-100-A (Voice Frequency), and EE-101-A (Voice Frequency).

11-343 8 Apr. 44. Relay Unit BE-84-A (Teletype Trunk).

11-344 8 Jan. 43. Converter M-222. *C 1, 2.*

11-345 28 Apr. 42. Cabinet BE-70-( ) Wire Chief's Testing. *C 1.*

11-346 26 Apr. 44. Test Sets I-61-A, I-61-B, and I-61-C.

11-348 20 Apr. 43. Telephone Repeater Set TC-29-A.

11-349 14 Aug. 43. Maintenance Equipment ME-22.

11-351 22 Sep. 41. Telegraph Sets TG-5, TG-5-A, and TG-5-B. *C 1, 2.*

11-352 Dec. 43. Printers TG-7-A, TG-7-B & TG-37-B Chests CH-50-A & CH-50-B Chests H-62-A CH-62-B.

11-353 2 Jul. 41. Installation and Maintenance of Telegraph Printer Equipment. *C 1, 2, 3.*

11-354 28 Mar. 44. Telegraph Printer Sets (Teletypewriter) EE-97 and EE-98; Teletypewriter Sets EE-97-A, EE-98-A and EE-102.

11-355 16 April 43. Telegraph Terminal CF-2-A (Carrier).

11-355B 8 Nov. 43. Telegraph Terminal CF-2-B (Carrier).

11-356 5 Nov. 43. Radio Teletype Terminal Equipment, AN/FGC1 or AN/FGC-1X.

11-358 2 July 43. Technical Manual for Telegraph Central Office Set TC-3.

11-359 3 Sep. 43. Line Unit BE-77-A and BE-77.

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| | **SIGNAL—Continued** |
| TM | |
| 11-360 | Oct. 44. Reel Unit RL-26 and RL-26-A. |
| 11-361 | 2 Feb. 43. Test Sets EE-65 and EE-65-A through E. *C 2, 3.* |
| 11-361F | 28 Apr. 43. Test Set EE-65F. |
| 11-362 | 1 Nov. 44. Reel Units RL-31, RL-31-B, and RL-31-C. |
| 11-363 | 26 Jan. 42. Pole Line Construction. *C 1.* |
| 11-364 | 24 Sept. 42. Truck K-44-B and Earth Borer Equipment HD. |
| 11-365 | 24 Apr. 43. Wire Thrower RL-37-A. |
| 11-366 | 27 Jan. 43. Vulcanizing Equipments, TE-54-A and TE-55-A. |
| 11-368 | 5 May 44. Tactical Open Wire Pole Line Construction. |
| 11-369 | 24 Aug. 43. Spiral-Four Cable. |
| 11-370 | 12 June 44. Plow LC-61 (Cable). |
| 11-371 | 12 Oct. 44. Cables WC-534 (5-pair), WC-535 (10-pair) and Cable Assemblies CC-345 and CC-355-A. |
| 11-374 | 23 Feb. 44. Tape Facsimile Equipment RC-58-B. |
| 11-375B | 5 Apr. 44. Facsimile Equipment RC-120, RC-120-A and RC-120-B and Facsimile Set AN/TXC-1. |
| 11-377 | 4 Jul. 44. Boehme Automatic Keying and Recording Equipment. |
| 11-379 | 23 Sept. 43. Test Set I-51 (Cable Repairman's). |
| 11-380 | 17 Mar. 44. Converter M-209, M-209-A, M-209-B, (0). |
| 11-382 | 28 Jan. 44. Facsimile Recorder RD-2/GXR. |
| 11-390 | 23 Sept. 44. Signal Lamp Equipments EE-80 and EE-80-A. |
| 11-391 | 15 Oct. 42. Signal Lamp Equipment EE-84. *C 1.* |
| 11-392 | 30 Jun. 43. Technical Manual for Signal Lamp Equipment SE-11. |
| 11-393 | 3 Apr. 44. Visual Identification Equipments AN/VVX-1 and AN/VVX-IX. |
| 11-400 | Photographic Set PH-261. |
| 11-401 | 22 Mar. 43. Training Film and Film Strip Projection. |
| 11-402 | 15 Jun. 44. Reproducing Equipments MC-364-A, MC-364-B and MC-364-C. *C 1.* |
| 11-403 | 12 May 43. Identification Equipment PH-385. |
| 11-404 | 29 May 43. Photographic Darkroom Equipment (Processing Equipment PH-395). |
| 11-405 | 12 May 43. Photographic Dark Room Equipment (Processing Equipment PH-406). |
| 11-406 | 24 Apr. 43. Projector Equipment PH-398. |
| 11-406A | 14 Feb. 44. Projector Equipment PH-398-A. |
| *11-408 | 23 Oct. 44. Projectors PH-222 and PH-222-A. |
| 11-409 | 12 Jun. 44. Photographic Laboratories, Organization and Operation in Service Commands, Departments, and Posts. *C 1.* |
| 11-410 | 10 Sep. 40. The Homing Pigeon. |
| 11-421 | 6 Oct. 44. Ceiling Light Projectors ML-121-A, B, C, D, E, F, and G. |
| 11-423 | 7 Oct. 44. Theodolites ML-47-C Through ML-47-R; Tripods ML-78-C Through ML-78-R; Compass ML-197; Telescope ML-146; Theodolite ML-247. |
| 11-424 | 12 Sept. 44. Supports ML-29-B, ML-29-D, ML-29-E, Anemometers ML-80, ML-80-A, ML-80-B, Indicators ML-117, ML-117-A, ML-117-B. |
| 11-425 | 20 July 44. Barographs ML-3-A, ML-3-B, ML-3-C and ML-3-D. |
| 11-426 | 17 July 44. Thermographs ML-77 and ML-277. |
| 11-427 | Nov. 44. Barometers ML-102-B, ML-102-D, ML-102-E, ML-102-F and ML-316/TM. |
| 11-428 | 17 Oct. 44. Barometers, ML-2 Through ML-2-F; Cases, ML-48 Through ML-48-E. |
| 11-429 | 10 Mar. 43. Wind Equipment SCM-20-A and Wind Equipment AN/GMQ-1. *C 1.* |
| 11-430 | 16 Jan. 42. Storage Batteries for Signal Communication. Except those pertaining to Aircraft. *C 1.* |
| 11-431 | 16 Jan. 42. Target Range Communication Systems. |
| 11-432 | 2 Feb. 42. Code Practice Equipment. *C 1, 2.* |
| 11-433 | 17 Aug. 42. Time Interval Apparatus EE-56, EE-85, EE-86-A, Line Connector Unit EE-87, Time Interval Signal BE-65 and Bell MC-153. |
| 11-434 | 12 May 42. Spotting Set PH-32-B. |
| 11-434D | 25 June 43. Spotting Set PH-32-D (Theodolite PH-BG-33). |
| 11-435 | 31 Jan. 44. Public Address Equipment PA-4-C. |
| 11-438 | 6 Oct. 43. Operations Center AN/TTQ-1, Portable Filter and Operations Room Unit Assembly. |
| 11-439 | 1 Nov. 43. Flash Ranging Set GR-4-A. |
| 11-441 | 25 Oct. 43. Recorder BC-1016. |
| 11-442 | 10 May 44. Public Address Set RA-1-F. |
| 11-443 | 25 Oct. 43. Keyer TG-34-A. |
| 11-444 | 12 Jun. 43. Sound Ranging Set GR-3-C. |
| 11-446 | 30 July 43. Panoramic Adaptors BC-1031-A and BC-1032-A. |
| 11-447 | 27 Mar. 44. Keyers, TG-10-A, TG-10-B, TG-10-C, TG-10-D, TG-10-F, TG-10-G, TG-10-H, and TG-10-J. |
| *11-447A | 9 Sept. 44. Radio Set AN/TPS-IA. |
| 11-449 | Oct. 44. Public Address Set PA-2-B. |
| 11-450 | 9 Mar. 42. Training of Signal Communication Personnel. *C 1.* |
| 11-453 | 11 Mar. 42. Shop Work. *C 1.* |
| 11-454 | 12 May 43. The Radio Operator. *C 1.* |
| 11-455 | 22 May 44. Radio Fundamentals. |
| 11-456 | 15 Jul. 42. Wire Telegraphy. *C 1.* |
| 11-457 | 3 Sept. 42. Local Battery Telephone Equipment. |
| 11-458 | 3 Sept. 42. Common Battery Telephone Equipment. |
| 11-459 | 2 Jun. 43. Instructions for Learning International Morse Characters. |
| 11-460 | 18 May 42. Division Field Code, Training Edition No. 2. |
| 11-461 | 1 Sept. 41. Air-Ground Liaison Code, Training Edition No. 2. |
| 11-462 | 25 Sept. 44. Signal Corps Reference Data. |
| 11-463 | 5 Sept. 43. Trunk Line Messenger Service (Tentative) (Multilithed). |
| 11-466 | 29 June 44. Radar Electronic Fundamentals. |
| *11-466LAB | Nov. 44. Laboratory Workbook for TM 11-466 Radar Electronic Fundamentals. |
| *11-467* | *28 Apr. 44*[1]. *Radar System Fundamentals.* |
| *11-469 | Dec. 44. Communication Security. |
| 11-471 | 4 Aug. 43. Telephone Central Office Installation. |
| 11-473 | 15 June 44. Central Office Maintenance. |
| 11-474 | 30 June 44. Substation Installation. |

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11-475 28 Oct. 44. Principles of Long Distance Telephone and Telegraph Transmission.

*11-483 Dec. 44. Suppression of Radio Noises.

11-485 8 June 44. Advanced Military Cryptography.

11-498 4 Oct. 44. Fundamentals of Telephony and Manual Telegraphy.

11-499 15 Nov. 43. (Preliminary), Radio Propagation Handbook.

11-600 25 March 43. Radio Sets SCR-508-(*), SCR-528-(*), and SCR-538-(*). *C 1.*

*11-602 15 Dec. 44. Radio Set AN/MRC-1.

11-605 15 Nov. 43. Radio Sets SCR-509-( ) and SCR-510-( ).

11-615 15 Nov. 43. Radio Sets SCR-609-A and SCR-610-A.

11-620 1 Jan. 44. Radio Sets SCR-608-A and SCR-628-A.

11-630 7 June 43. Preliminary Instructions for Radio Set SCR-506-A.

11-700 2 Feb. 42. Interphone Equipment RC-53 and RC-53-A.

11-702 3 May 43. Interphone Equipment RC-99.

11-705 5 Feb. 42. Interphone Equipment RC-61.

11-710 13 April 42. Interphone Equipments RC-48 and RC-60.

11-715 13 Apr. 42. Interphone Equipment RC-38.

11-750 26 Oct. 44. Radar Antijamming for the Operator.

11-751 Nov. 44. Radar Antijamming for the Technician.

11-800 12 Nov. 42. Radio Transmitters BC-191-A, BC-191-B, BC-191-C, BC-191-D, BC-191-E and BC-AA-191.

11-800N 20 March 44. Radio Transmitter BC-191-N.

*11-801 18 Jan. 43. Power Amplifier BC-340-G and Water Cooling Unit RU-2-A.

11-802 7 Feb. 44. Radio Transmitters, Wilcox Types 96-200A and 96-200B.

11-803 7 Feb. 44. Radio Transmitters, Wilcox Types 96C and 96C3; Rectifier Unit, Wilcox Type 36A; Modulator Unit, Wilcox Type 50A.

11-805 8 June 42. Transmitting Components of Radio Set SCR-197-C, Radio Set SCR-197-D, and Radio Set SCR-197-F.

11-822 29 Feb. 44. Radio Transmitter 149-A.

11-823 1 Sept. 43. Radio Transmitter-Receiver Type 1505 (250 Watts) and Associated Equipment.

11-824 1 Feb. 44. SST-101 Radio Transmitter Telegraph-Telephone (Tentative).

11-825 29 Mar. 44. Portable Radio Broadcast Transmitter TWT PB-50A.

11-827 28 Mar. 44. Radio Transmitter BC-477-F.

*11-828 24 Aug. 44. Radio Transmitter BC-365-F and Remote Control Unit RM-10-F.

*11-830 Aug. 44. Model ET-8026 Lifeboat Radio Transmitter Portable.

11-850 15 Mar. 44. Radio Receivers BC-312-(*), BC-312-(*)X. BC-342-(*), BC-314-(*), and BC-344-(*).

11-859 2 Mar. 43. Radio Set SCR-593-A. *C 1, 2.*

11-861 28 Aug. 42. Radio Set SCR-255 (Direction Finding). *C 1.*

11-862 5 Oct. 43. Radio Set SCR-504-A (Direction Finding).

11-866 31 Aug. 43. Radio Receivers BC-779-B, BC-794-B, and BC-1004-C, and Power Supply Units RA-74-C, RA-84-B, and RA-94-A.

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TM

*11-867 21 July 44. Radio Receiver BC-787-B.

11-868 21 Nov. 42. Radio Receiver 128-AY.

11-873 12 Nov. 43. Radio Set SCR-614-A, Radio Receiver BC-969-A, Power Supply Unit RA-61-A.

*11-875 22 Aug. 44. Instruction Book Model AR-8506-B Intermediate and High Frequency Receiver.

11-900 16 Nov. 43. Power Units PE-75-C Through PE-75-T. *C 1, 2.*

11-903 14 Oct. 43. Power Unit PE-77-( ). *C 1.*

11-904 20 Jan. 43. Power Units PE-95-A, PE-95-B, and PE-95-C.

11-904-G 8 Jun. 44. Power Units PE-95-G and PE-95-H.

11-904H 3 Sept. 43. Power Units PE-95-G and PE-95-H.

11-905 15 Jul. 44. Power Unit PE-92-B.

11-909 15 Jan. 44. Power Units PE-74, PE-74-B, PE-74-( ).

11-911 9 Jan. 43. Power Units PE-78-G and H.

11-913 22 Jun. 43. Power Unit PE-214-A.

11-914 25 Feb. 43. Power Unit PE-201-A.

11-914C 26 Nov. 43. Power Unit PE-201-C.

11-915 15 Jun. 44. Power Units, PE-84, PE-84-A, PE-84-C and PE-84-D.

11-920 2 Jun. 43. Power Unit PE-49-F.

11-920G 6 July 44. Power Unit PE-49-G.

11-921 15 Sept. 43. Power Unit PE-137-A.

11-923E 27 Dec. 43. Power Unit PE-99-E.

11-923F 28 Dec. 43. Power Unit PE-99-F.

11-925 12 April 44. Power Unit PE-185-A.

11-927 8 Jan. 44. Power Unit PE-108, (A, B, C, D, & E).

11-928 7 Sep. 43. Power Unit PE-82-E.

11-929 21 Jul. 43. Power Unit PE-145-A.

11-930 6 Jun. 44. Power Unit PE-245-A.

11-931 8 June 43. Power Equipment PE-172-A.

*11-932 7 Oct. 44. Power Unit PU-8/TT Q-1.

*11-933 26 July 44.*[1] *Power Unit PU-6/PTS-1.*

11-934 30 Oct. 44. Dynamotor Unit BD-77-C.

11-935 31 Mar. 44. 1½-KVA Kohler Power Unit Model 1M21-A.

11-938 28 Sep. 43. Motor Generator MG-37-A.

*11-939 4 Oct. 44. Power Unit PE-182.

11-945 15 May 44. Power Unit PE-214-B.

*11-946 21 Oct. 44. Power Unit PE-167-A.

11-947 29 Aug. 44. Power Unit PE-210.

11-951 8 Jun. 43. Rectifier RA-36-J, K, L.

11-951N 10 June 43. Rectifier RA 36-N.

11-951Q 6 Aug. 43. Rectifiers RA-36-K, RA-36-Q, and 6-RB6B17.

11-954 29 Mar. 44. Rectifier RA-43-B.

11-955 21 Jun. 44. Rectifier RA-37.

11-957 19 June 43. Rectifier RA-87. *C 1.*

11-959G 19 Feb. 43. Rectifiers RA-34-F and RA-34-G.

11-961 25 Nov. 43. Rectifier RA-34-H.

11-962 15 Sept. 44. Rectifier RA-63-B.

11-963 7 Jan. 44. Rectifier RA-83-A. *C 1.*

11-964 5 May 44. Rectifier RA-91.

11-965 March 44. Rectifier Power Unit PP-34/MSM. *C 1.*

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11-966 13 Apr. 44. Trojan Rectifier Battery Eliminator Model 27793.

11-967 18 Sept. 44. Power Transfer Panel CN-22/F.

11-970 31 May 44. Power Unit PE-205-B.

11-1000 15 Feb. 42. Contactor Unit BC-608-A.

*11-1033 16 Nov. 42[1]. Installation of Antenna Conversion Kits on Radio Sets, SCR-270-( ) and SCR-271-( ).*

11-1039 21 Apr. 43. Signal Generator I-122-A.

*11-1043 1 Dec. 43[1]. Test Equipment RC-70-( ).*

11-1049 1 Jul. 43. Switchboard BD-116-A.

11-1051 20 Jan. 44. Range Calibrator I-178 and I-178-A.

*11-1052 1 July 43.[1] Radio Sets SCR-527-A, SCR-528 & SCR-627.*

*11-1055 1 Aug. 44.[1] Test Equipment RC-68 and RC-68-A.*

11-1056 1 Dec. 43. Trailer K-34-D.

*11-1057 15 Sep. 43[1]. Aided-Azimuth-Tracking Kit No. A96-PT.*

*11-1058 25 Jun. 43[1]. Trainer Bow BC 1070(A) (Master).*

*11-1059 2 Aug. 43[1]. Antenna Position Controls MC-298A & MC-298B, (Conversion Kits for Radio Sets SCR-270( ) & SCR-271( ).) C 1, 2.*

*11-1060 1 Sep. 43[1]. Radio Transmitter BC-677 & Associated Equipment Kit No. 68-X2.*

11-1062 10 April 44. Trainer BC-968-A.

11-1063 1 Nov. 43. Signal Generator I-126.

*11-1064 15 Nov. 43[1]. Range Calibrator I-144.*

*11-1065 1 Feb. 44.[1] Sweep Generator MI-18709-B.*

11-1066 1 Apr. 44. Oscilloscopes BC-1238 and BC-1238-A.

*11-1075 15 Jun. 44[1]. Antenna AN-161.*

11-1077 3 Aug. 44. Radio Transmitting Set AN/CRN-11.

11-1080 31 Oct. 44. Test Set AN/GPM-1.

11-1082 15 Jul. 44. Signal Generator I-222-A.

11-1090 1 Jul. 43. Trailers K-76-A and K-77-A.

11-1100 3 Dec. 42. Radio Set SCR-270-B.

*11-1104 10 Jun. 42[1]. Instruction Book for Range Calibrator I-108.*

*11-1109 15 May 43[1]. Radio Sets SCR-547-A & SCR-547-B. C 1.*

*11-1110D 22 Sep. 42.[1]*

*11-1113B 22 Sep. 43[1]. Radio Equipment RC-100-B—Preliminary.*

11-1114D 22 Sept. 42. Radio Set SCR-270-D.

*11-1118 1 Jul. 43[1]. Radio Equipment RC-148 & RC-148-B. C 1.*

*11-1119 1 Jul. 43[1]. Radio Set SCR-527-A.*

11-1122 6 Apr. 43. Detector Sets SCR-625A, SCR-625-B, SCR-625-C, SCR-625-D, and SCR-625-E (Anti-Tank Mine, Portable) and Detector, Anti-Tank Mine, Portable M-1.

*11-1125 26 Dec. 42[1]. Interference Reducer BC-736-B. C 1.*

*11-1125A 26 Dec. 42[1]. Special Instructions for Modification of Equipment for Use with Interference Reducer BC-736-B.*

*11-1126 23 Sept. 43.[1] Operation of Radio Sets SCR-602-A & SCR-602-T6.*

*11-1128 10 Mar. 43[1]. Calibrators BC-726-A, I-147, I-156, and I-168.*

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*11-1133 20 Nov. 43.[1] Radio Equipment RC-192-A.*

*11-1136 Dec. 43[1]. Test Equipment for Radio Set SCR-533-T2.*

*11-1140 12 July 43.[1] Responder-Beacon* AN/PPN-1.*

*11-1140A 16 May 44.[1] Beacon Transmitter Receiver* AN/PPN-1A.*

*11-1141 2 Jul. 43[1]. Radio Set SCR-615.*

**11-1145 19 Aug. 44[1]. Beacon Transmitter-Receiver AN/PPN-2.*

*11-1148 22 Jan. 44[1]. Range Calibrator I-146.*

11-1151 15 April 44. Detector Set AN/PRS-1.

11-1159 15 Aug. 44. Radar Set AN/TPX-3.

*11-1203 Preliminary Instruction Book for Navy Model BN, Radio Equipment.*

*11-1204 1 Nov. 44. Voltohmmeter, Weston Model 772, Type 6.

*11-1210 21 Oct. 44. Fluxmeter TS-201/UP.

11-1305 20 Jul. 44. Technical Operation Manual for Radio Set SCR-296-A.

11-1306 12 Jul. 44. Technical Operation Manual for Radio Sets SCR-268, SCR-268-B, SCR-268-C and Radio Sets SCR-516, SCR-516-C and SCR-516-D, and SCR-516-E.

*11-1308 29 Jul. 44[1]. Radio Equipment RC-182-A and RC-282-A.*

11-1310 21 Sep. 44. Operating Instructions, Equipment Performance Log, & Corrective Measures For Radio Sets SCR-270-B, -C, -D, -E, -BA, -CA, SCR-271-A, -AA, -AAA, -AB, -B, -BA, -D, -E, -F, -G, -H, -J, -K, -L, -M.

11-1312 20 Jul. 44. Technical Operation Manual Radio Sets SCR-582-A and SCR-582-T6, General Description, Operating Instructions and Equipment Performance Log.

*11-1315 29 Jul. 44[1]. Technical Operation for Radio Equipment RC-127-A.*

**11-1316 3 Nov. 44.[1] Radio Equipment RC-207-A, Technical Operation Manual.*

*11-1317 25 Jul. 44[1]. Technical Operation Manual for Radio Equipment RC-150-B. RC-150-C, RC-150-D, RC-151, RC-151-A, & RC-151-D.*

*11-1318 14 Aug. 44[1]. Technical Operation, Radio Equipments RC-148, RC-148-B and RC-148-C.*

11-1319 10 Jun. 44. Radio Set SCR-527-A, Technical Operation, Operating Instructions, Equipment Performance and Corrective Measures.

11-1320 5 Sept. 44. Radio Set SCR-627-A.

11-1324 20 Dec. 43. Radio Set SCR-584, Technical Operation (General Description, Operating Instructions, and Equipment Performance Log). *C 1.*

11-1326 15 May 44. Radio Sets SCR-602-T6 and 602-A, Technical Operation.

11-1327 25 Jul. 44. Technical Operation for Radio Set SCR-545-A.

*11-1329 30 Dec. 43[1]. Radio Set SCR-588-( ), Equipment Performance Log, Instruction Book.*

*11-1331 31 July 44.[1] Technical Operation, Radio Equipment RC-145-A.*

11-1332 3 Aug. 44. Technical Operation Manual Radio Equipment RC-184.

*11-1334 10 Aug. 44[1]. Technical Operations, Radio Equipment RC-215-A, General Description, Operation Instructions and Equipment Performance Log.*

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11–1339 29 Sept. 44. Radio Set AN/TPS–2, Technical Operations Manual.

11–1340 1 Mar. 44. Technical Operation Manual for Radio Set AN/TPS–3.

**11–1341 20 July 44.[1] Technical Operation Radio Set SCR–615–A.*

11–1342 18 July 44. Technical Operation Manual Radio Set SCR–636–A.

*11–1343 1 July 44.[1] Radio Set AN/MPN–1, Technical Operation.*

*11–1346 9 Aug. 44[1]. Technical Operation Radio Equipment RC–350 and RC–351.*

11–1370 29 Jul. 44. Technical Operation Radio Sets SCR–270–BB, –CB, –DA, –EA, and SCR–271–AAB, –AC, –BB, –DA, –EA, –FA, –GA, –HA, –JA, –KA, –LA, and –MA with CONSOLE.

11–1405 12 Jul. 44. Radio Set SCR–296–A, Preventive Maintenance.

11–1406 27 Jul. 44. Preventive Maintenance Manual, Radio Sets SCR–268, SCR–268–B, SCR–268–C, SCR–516, SCR–516–C, SCR–516–D, SCR–516–E.

11–1408 27 Jul. 44. Radio Equipment RC–182–A and RC–282–A, Preventive Maintenance Manual.

11–1410 21 Jun. 44. Preventive Maintenance Manual, for Radio Sets SCR–270–B, SCR–270–C, SCR–270–D, SCR–270–E, SCR–270–BA, SCR–270–CA, SCR–271, SCR–271–A, SCR–271–BA, SCR–271–D, SCR–271–E, SCR–271–F, SCR–271–G, SCR–271–H, SCR–271–J, SCR–271–K, SCR–271–L, SCR–271–LA, SCR–271–M.

11–1412 25 Jul. 44. Preventive Maintenance Manual, Radio Set SCR–582–A and SCR–582–T6.

11–1415 2 Aug. 44. Preventive Maintenance—Radio Equipment RC–127–A.

11–1416 25 Oct. 44. Radio Equipment RC–207–A. Preventive Maintenance Manual.

11–1417 1 Aug. 44. Radio Equipments RC–150–B, RC–150–C, RC–150–D, RC–151, RC–151–A, RC–151–D. Preventive Maintenance Manual.

11–1418 14 Aug. 44. Preventive Maintenance. — Radio Equipments RC–148, RC–148–B, and RC–148–C.

11–1419 28 Jul. 44. Preventive Maintenance Manual—Radio Set SCR–527–A.

11–1420 12 Aug. 44. Preventive Maintenance, Radio Set, SCR–627–A.

11–1421 19 Oct. 44. Radio Equipment, RC–188–A Preventive Maintenance Manual.

11–1424 10 Jan. 44. Radio Set SCR–584, Preventive Maintenance. *C 1.*

11–1426 30 Jun. 44. Radio Sets SCR–602–A and SCR–602–T6, Preventive Maintenance Manual.

11–1427 1 Aug. 44. Preventive Maintenance Manual—Radio Set SCR–545–A.

*11–1429 25 May 44[1]. General Preventive Maintenance for Radio Set SCR–588.*

11–1431 2 Aug. 44. Preventive Maintenance, Radio Equipment RC–145–A.

11–1432 18 June 44. Preventive Maintenance Manual, Radio Equipment RC–184.

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11–1434 26 Jul. 44. Preventive Maintenance, Radio Equipment RC–215–A.

11–1439 22 Sept. 44. Radio Set AN/TPS–2, Preventive Maintenance.

11–1440 1 March 44. Radio Set AN/TPS–3 (Preventive Maintenance Manual).

11–1441 22 Jul. 44. Preventive Maintenance, Radio Sets SCR–615–A.

11–1442 1 Aug. 44. Preventive Maintenance Manual for Radio Set SCR–636–A.

*11–1443 1 July 44.[1] Radio Set AN/MPN–1, Preventive Maintenance Manual.*

11–1446 7 Aug. 44. Radio Equipments RC–350 and RC–351, Preventive Maintenance.

11–1447A 9 Sept. 44. Radio Set AN/TPS–1A, Preventive Maintenance Manual.

11–1450 9 Oct. 44. Preventive Maintenance Manual, Radio Equipment RC–246–A.

11–1461 24 Jul. 44. Preventive Maintenance Radio Set SCR–682–A.

11–1470 4 Aug. 44. Preventive Maintenance for Radio Sets SCR–270–BB, –CB, –DA, –EA, and SCR–271–AAB, –AC, –BB, –DA, –EA, –FA, –GA, –HA, –JA, –KA, –LA, –MA, with Console.

*11–1505 14 Aug. 44[1]. Service Manual Radio Set SCR–296–A, Theory Trouble Shooting and Repair.*

*11–1506 4 Sept. 44[1]. Service Manual, Radio Set SCR–268, SCR–268–B, SCR–268–C, SCR–516, SCR–516–C, SCR–516–D, SCR–516–E.*

*11–1508 14 Sept. 44. Service Manual for Radio Equipment RC–182–A and RC–282–A.

*11–1510 25 Aug. 44.[1] Service Manual for Radio Sets, SCR–270–B, –C, –D, –E, –BA, –CA, and SCR–271, SCR–271–A, –AA, –AAA, –AB, –B, –BA, –D, –E, –F, –G, –H, –J, –K, –L, and –M.*

*11–1512 9 Sept. 44.[1] Service Manual for Radio Sets SCR–582–A and SCR–582–T6.*

*11–1515 29 Aug. 44.[1] Service Manual for Radio Equipment RC–127–A.*

*11–1517 Service Manual, Radio Equipments RC–150–B, RC–150–C, RC–150–D, RC–151, RC–151–A and RC–151–D.*

*11–1519 24 Aug. 44.[1] Service Manual for Radio Set SCR–527–A.*

**11–1520 Dec. 44.[1] Service Radio Set SCR–627–A.*

*11–1524 10 Mar. 44.[1] Radio Set SCR–584, Service Manual.*

**11–1526 22 July 44.[1] Service Manual Radio Sets SCR–602–A and SCR–602–T–6.*

**11–1529 23 Aug. 44.[1] Service Manual for Radio Set SCR–588–B.*

*11–1531 26 Aug. 44[1]. Service Manual, Radio Equipment RC–145–A.*

*11–1532 14 Aug. 44.[1] Service Manual for Radio Equipment RC–184.*

**11–1534 22 Sept. 44.[1] Service Manual for Radio Equipment RC–215–A.*

**11–1539 10 Oct. 44.[1] Service Manual for Radio Set AN/TPS–2.*

*11–1540 1 Mar. 44.[1] Radio Set AN/TPS–3, Service Manual.*

*11–1542 24 Oct. 44. Radio Set SCR–636–A, Service Manual.

*11–1543 20 Sept. 44.[1] Radio Set AN/MPN–1 Service Manual.*

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*11-1546 21 Sept. 44[1]. Service Manual, Radio Equipment RC-350 and RC-351 Theory, Trouble Shooting and Repair.*

*11-1561 31 Aug. 44.[1] Service Manual for Radio Set SCR-682-A.*

11-1570 16 Aug. 44. Service Manual for Radio Sets SCR-270-BB, CB, DA, EA, and Set SCR-271 AAB, AC, BB, DA, EA, FA, GA, HA, JA, KA, LA, MA with console.

11-2001 22 Jun. 44. Complete 100-Mile Spiral-Four Carrier System.

11-2002 2 Mar. 44. Substitute Telephone Central Office Equipment.

11-2003 2 Nov. 43. Carrier Hybrid CF-7.

11-2004 12 Aug. 43. Repeater Set TC-18 (Terminal).

11-2005 30 Oct. 43. Repeater Set TC-19 (Intermediate).

11-2006 14 July 43. Telephone Repeater, EE-89-A. *C 1.*

*11-2008 1 Oct. 43. Converter CF-4 (Carrier, 2-Wire-4-Wire) and Repeater CF-5. (Carrier, 2-Wire).

*11-2011 9 Mar. 44. Ringer Equipment 101-B (Voice Frequency Rack Mounted). *C 1.*

*11-2012 29 Aug. 44. Multiline Observing Set ADW-BM-100.

*11-2013 2 June 44. Toll Observing Equipment ADW-BM-100.

11-2014 1 May 44. Telephone Unit EE-105. *C 1.*

11-2016 25 April 44. Switchboard SB-5/PT (Tentative). *C 1.*

11-2017 26 July 44. Test Set TS-26/TSM.

11-2019 12 Aug. 44. Test Set I-49.

11-2032 21 Sept. 44. D.C. Regenerative Telegraph Repeater, (Packaged Equipment.)

*11-2034 26 Sept. 44. D-C Telegraph Repeater Packaged Equipment.

11-2035 16 Aug. 44. Telegraph Switchboard SB-6/GG.

11-2036 30 Aug. 44. Test Set I-181.

*11-2043 30 Aug. 44. Telephone TP-3.

11-2050 14 Oct. 44. Test Set I-48-B.

11-2057 5 Sept. 44. Test Set TS-27/TSM.

11-2200 14 Aug. 43. Bias Meter I-97-A.

11-2201 3 July 44. Reperforator Teletypewriter Sets TC-16 and TC-17.

11-2204 Dual Diversity Reviewing Equipment (Wilcox Type CW3-D).

11-2205 25 Sept. 44. Exciter Unit 0-5/FR.

11-2208 19 April 44. Test Set TS-2/TG.

*11-2209 19 Jan. 44[1]. 131B2 Printer Station Equipment for Army and Navy Installations.*

11-2210 3 Jan. 44. Instruction Book, 132A2 Teletypewriter Subscriber Set and Associated Equipment.

11-2211 8 May 44. 133A1 Teletypewriter Table and Associated Printer Apparatus.

*11-2214 8 Aug. 44. 133A2 Teletypewriter Subscriber Set and Associated Equipment.

11-2250 18 Jan. 44. Reel Equipment CE-11.

11-2251 11 Nov. 43. Boom Equipment LC-80.

11-2252 25 Jun. 44. Converter CV-2/TX.

[1]This Technical Manual is distributed only to interested headquarters and to individuals whose duties require that they have it. This Technical Manual must be safeguarded in accordance with provisions of AR 380-5.
[2]Identical with 15 July 1944 edition.

| NUMBER | DATE, TITLE AND CHANGES |
|---|---|

TM

11-2253 20 Mar. 44. Open Wire Construction for Fixed Plant Application.

11-2254 19 June 44. Reel Assembly RL-106/VI.

*11-2300 Dec. 44. Enlarger PH-542/UF (V-Mail).

11-2351 8 Jul. 44. Exposure Meters PH-77, PH-77-A, PH-77-C, and PH-252-A. *C 1.*

11-2360 3 Nov. 44. Camera Equipment Mounting PH-515/MF.

11-2366 5 Oct. 44. Photographic Equipment PH-383.

11-2369 15 Oct. 44.[2] Laminating Equipment PH-523/GF.

*11-2378 4 Oct. 44. Timer PH-191-A.

11-2395 20 Oct. 44. Electronic Timer (Photrix Model 1528).

11-2400 22 Jun. 43. Generator ML-185-A (Hydrogen).

11-2405 24 Apr. 44. Meteorological Balloons.

11-2406 1 Feb. 44. Meteorological Station AN/TMQ-1 (XO-2).

11-2407 Nov. 44. Aerograph Equipment AN/AMQ-3.

11-2410 15 Mar. 44. Pilot Balloon Tables (30-gram).

11-2411 10 Apr. 44. Pilot Balloon Tables (100-gram).

11-2413 15 Jun. 44. Hydrogen Generator ML-303/TM.

*11-2418 27 Nov. 44. Plotting Set AN/GMQ-3.

11-2501 6 Oct. 43. Technical Manual for Test Set I-209-A.

*11-2502 31 Aug. 43.[1] Test Equipment IE-28.*

11-2503 1 Mar. 44. Trailer K-34-E.

11-2504 24 Dec. 43. Public Address Sets PA-5 and PA-5A.

11-2505 5 May 44. Public Address Set AN/UIQ-1.

11-2506 15 Jun. 44. Test Sets I-83-A, -B, -C, -D, -E, -F, -G, -H, -J, and -K.

11-2508 25 Feb. 44. Adapter FT-384-A.

11-2509 12 Jun. 44. Training Generator AN/URA-TI.

11-2510 14 Jul. 44. Master Power Meter Panel.

11-2511 6 Apr. 44. Portable Recorder.

11-2512 6 Apr. 44. Transcriber Double Toneband.

11-2513 21 Jun. 44. Test Set I-193-A.

11-2514 15 June 44. Tape Puller TT-2/TG.

11-2515 27 Sept. 44. Diversity Receiving Combining Equipment.

11-2516 24 Oct. 44. Tube Tester Espey Model 105.

11-2517 8 Apr. 44. Supreme Tube Tester Model 504-A.

11-2518 12 May 44. Rotary Converters 24-Volt DC—110-Volt AC and 110-Volt DC—110-Volt AC.

11-2519 31 July 44. Vibrator Type Inverters (12-Volt DC to 110-Volt AC).

11-2520 Nov. 44. Dual Channel Amplifier AM-43/FRC.

11-2522 30 Sept. 44. Sound Recording Set AN/UNQ-1.

*11-2524 17 Oct. 44. Oscillator I-151-A.

11-2525 30 June 44. Miller Utility Heater Model OG-31-A.

*11-2526 11 Nov. 44. Oscilloscope BC-1060-A.

11-2527 26 Jun. 44. Battery Charger PP-78/MRQ-2.

*11-2540 9 Sept. 44. Maintenance and Operation of Crystal Grinding Equipment and Crystal Finishing Techniques.

11-2541 27 Sept. 44. Speak-O-Phone Sound Detector, Model SDB.

11-2546 8 Sept. 44. Connecting and Switching Kit MX-155/GT.

11-2550 7 Feb. 44. Amplifier, Wilcox Type M57D1.

| NUMBER | DATE, TITLE AND CHANGES |
|---|---|

## SIGNAL—Continued

TM

11–2551 7 Feb. 44. Control Console, Wilcox Type CS 380; Keying Oscillator, Wilcox Type 95A; Ultra-High Frequency Antenna, Wilcox Type 614A.

11–2600 11 Nov. 44. Test Set I–179.

11–2601 20 Dec. 43. Radio Set AN/TRC–1, Radio Terminal Set AN/TRC–3 Radio Relay Set AN/TRC–4, and Amplifier Equipment AN/TRA–1. *Suppl. 1.*

11–2602 12 Feb. 44. Frequency Standard TS–65/FMQ–1.

11–2603 1 April 44. Radio Set AN/TRC–2.

11–2604 20 May 44. Test Set I–199.

11–2608 5 May 44. Antenna System AS–81/GR.

*11–2609 29 May 44. Radio Beacon Equipment RC–163.*

11–2610 15 July 44. Antenna Assembly AS–51/MRQ–2. and Auxiliary Antenna Assembly AS–93/MRQ–2.

11–2611 1 Apr. 44. Antenna Kit for Rhombic Receiving Antenna (Drawing ES–E–386–E).

11–2613 27 May 44. Voltohmmeter I–166.

11–2614 8 Sept. 44. Assembling and Erecting 30-Foot Gin Pole Type Trylon Ladder Towers.

11–2615 18 July 44. Foundation-Steel Pedestal Base for 73'7" Guyed Radio Tower.

*11–2616 17 Oct. 44. Antenna Equipment RC–63.

11–2619 29 July 44. Radio Control Central AN/TRQ–1–( ).

11–2620 3 Oct. 44. Antenna Support AB–38/CR.

11–2621 Nov. 44.[3] Remote Control Equipment AN/TRA–2.

11–2623 26 July 44. Frequency Meter BC–906–E. *C 1.*

11–2626 31 July 44. Test Unit I–176.

11–2630 17 Oct. 44. Antenna Equipment RC–219–A and Antenna AN–78–A.

*11–2636 8 Nov. 44. Radio Modulator BC–423–B.

11–2700 18 Mar. 44. Installation of Radio and Interphone Equipment in Light Tank M3A3. *C 1.*

11–2701 17 May 44. Installation of Radio Equipment in Car Half-Track, M2.

11–2702 13 Apr. 44. Installation of Radio and Interphone Equipment in Light Armored Car M8.

11–2703 20 Jun. 44. Installation of Radio and Interphone Equipment in Tank Recovery Vehicle T2.

11–2704 20 Apr. 44. Installation of Radio and Interphone Equipment in Medium Tank M4 Series. *C 1.*

11–2705 13 Apr. 44. Installation of Radio and Interphone. Equipment in Light Tank T9E1.

11–2706 27 May 44. Installation of Radio and Interphone Equipment in Medium Tank M3.

11–2707 10 Jun. 44. Installation of Radio Equipment in Truck, ¼-Ton, 4 x 4, Amphibian.

11–2708 11 May 44. Installation of Radio Equipment in Multiple Gun Motor Carriage M15.

11–2709 26 Jun. 44. Installation of Radio Equipment in Truck, 2½-Ton, 6 x 6, Cargo.

11–2710 22 Jul. 44. Installation of Radio Equipment in Truck, ¾-Ton, 4 x 4, Carryall.

11–2711 15 Sept. 44. Installation of Radio Equipment in Carrier, Personnel Half-Track M5 or M5A1.

11–2712 15 Jul. 44. Installation of Radio Equipment in Multiple Gun Motor Carriage M13, M14, M16, or M17.

[1]This Technical Manual is distributed only to interested headquarters and to individuals whose duties require that they have it. This Technical Manual must be safeguarded in accordance with provisions of AR 380–5.

[3]Identical with 24 August 1944 edition.

| NUMBER | DATE, TITLE AND CHANGES |
|---|---|

TM

11–2713 9 Oct. 44. Installation of Radio and Interphone Equipment in Light Tank M3.

*11–2714 Dec. 44. Installation of Radio Equipment in Carrier, Personnel, Half-Track, M3.

11–2715 30 Sep. 44. Installation of Radio Equipment in Truck, ¼-Ton, 4 x 4.

*11–2716 Nov. 44. Installation of Radio Equipment in Armored Utility Car M20.

*11–2720 Dec. 44. Installation of Radio and Interphone Equipment in Light Tanks M5 and M5A1.

## ADJUTANT GENERAL

12–220 27 Aug. 41. Adjutant General of a Division Administration—The Division and Large Installations.

12–221 30 Nov. 44. Armed Forces Induction Stations Operations.

12–222 15 Oct. 44. Separation Center Operations.

*12–223 20 Dec. 44. Reception Center Operations.

12–230 18 Oct. 44. Service Record.

*12–235 Jan. 45. Enlisted Personnel: Discharge and Release from Active Duty (other than at Separation Centers).

*12–238 Jan. 45. Enlisted Personnel Retirement.

*12–240 Jan. 45. Deceased Personnel Within the Continental United States, Excluding Alaska (AR 600–550).

12–250 10 Oct. 42. Administration.

12–252 1 Apr. 43. The Army Clerk.

*12–253 1 Oct. 44. Correspondence.

12–255 1 Nov. 42. Administrative Procedures. *C 1.*

12–256 Nov. 44. Orders, Bulletins, Circulars and Memoranda.

12–256A Nov. 44. Order Digest (Supplement to TM 12–256).

12–260 31 Dec. 42. Personnel Tests.

12–275 27 Jun. 44. Regimental and Unit Mail Clerks.

12–305 1 Oct. 43. Machine Records Operations. (Multilithed). *C 1, 2, 3, 4, 5, 6.*

12–310 15 Feb. 44. Codes, Machine Records Unit. *C 1, 2.*

12–405 30 Oct. 43. Officer Classification—Commissioned and Warrant; Classification and Coding of Civilian Occupations. *C 1.*

12–406 30 Oct. 43. Officer Classification; Commissioned and Warrant. *C 1.*

12–407 30 Oct. 43. Officer Classification—Commissioned and Warrant, Military Classification and Coding—Field Operation. *C 1.*

12–425 17 June 44. Personnel Classification. *C 1.*

12–426 1 Jul. 44. Civilian Occupational Classification of Enlisted Personnel.

12–427 12 Jul. 44. Military Occupational Classification of Enlisted Personnel.

## FISCAL

14–210 1 Apr. 43. Accounting for Public Funds.

14–260 10 Dec. 42. Enlisted Men's Pay and Allowances.

14–500 1 Dec. 43. Organization and Functions of Disbursing Offices, *C 1, 2, 3, 4, 5.*

14–501 1 Dec. 43. Officers' Pay and Allowances. *C 1, 2, 3, 4.*

14–502 1 Dec. 43. Pay and Allowances of Enlisted Personnel. *C 1, 2, 3, 4.*

| NUMBER | DATE, TITLE AND CHANGES |
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## FISCAL—Continued

TM

14-503 1 Dec. 43. Travel Allowances of War Department Personnel. *C 1, 2, 3.*

14-504 1 Dec. 43. Payment for Supplies and Nonpersonal Services. *C 1, 2, 3, 4, 5.*

14-505 1 Dec. 43. Agent Finance Officers. *C 1.*

14-506 1 Dec. 43. Finance Service in Mobile Field Units. *C 1, 2, 3.*

14-507 1 Dec. 43. Model Disbursement and Collection Vouchers. *C 1, 2, 3.*

14-508 1 Dec. 43. Blank Forms. *C 1.*

14-510 1 Jul. 44. Official Mileage Tables of the War Department. *C 1, 2, 3, 4.*

14-700 1 Jan. 44. War Department Fiscal Code. *C 1, 2, 3, 4, 5, 6, 7, 8.*

14-702 1 Jan. 44. Fiscal Accounting for Field Installations.

14-707 1 Jul. 44. Explanation of Appropriation and Project Accounts.

14-708 1 Jul. 44. (Tentative) Accounting Procedures for Nonappropriated Welfare Funds. *C 1, 2.*

14-911 1 Jun. 44. Accounting for Government Property Furnished Under Fixed-Price Contracts.

14-1000 1 Mar. 44. Administrative Audit Procedures for Cost-Plus-A-Fixed-fee Supply Contracts. *C 1, 2, 3.*

14-1004 15 Feb. 44. Relations with General Accounting Office. *C 1.*

14-1005 1 Jun. 44. Termination Accounting Manual for Fixed-Price Supply Contracts. *C 1.*

14-1008 10 Jan. 44. War Department Internal Audit Procedures, Continental United States.

14-1010 1 May 44. Property Auditing Procedures.

## CHAPLAIN

16-205 5 Jul. 44. The Chaplain.

## MILITARY POLICE

19-225 23 Jun. 43. Sabotage.

19-250 15 May 44. Military Police Records and Forms.

19-275 8 Jan. 44. Military Police on Railroad Trains and in Railroad and Bus Terminals and Stations.

*19-500 15 Jan. 45. Enemy Prisoners of War.

## MISCELLANEOUS

20-205 18 Jan. 44. Dictionary of United States Army Terms. *C 1, 2.*

20-230 Oct. 44. Logarithmic, Trigonometric, and Mathematical Tables for Artillery. *Errata Sheet.*

20-250 20 Sept. 40. Field Music.

20-300 12 Jun. 44 Use of Radio Controlled Airplane Targets. *C 1.*

## INDIVIDUAL SOLDIER

21-205 18 Sept. 44. Special Services Officer. *C 1.*

21-220 13 May 42. Sports and Games.

21-221 18 Dec. 43. Informal Games for Soldiers.

21-250 19 Apr. 43. Army Instruction.

21-300 10 Nov. 42. Driver Selection and Training. *C 1.*

| NUMBER | DATE, TITLE AND CHANGES |
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TM

21-301 18 Oct. 44. Driver Training, Half-Track and Full-Track Vehicles.

21-500 14 May 43. Army Reader.

21-510 14 May 43. Army Arithmetic.

## MILITARY LAW

27-250 20 May 43. Cases on Military Government.

27-251 7 Jan. 44. Treaties Governing Land Warfare. *C 1.*

## WELFARE, RECREATION AND MORALE

28-205 Nov. 44. Army Education Program for Inactive Theaters.

28-305 Nov. 44. Small Army Libraries.

## MILITARY INTELLIGENCE

30-215 22 Sept. 43. Counter Intelligence Corps.

30-218 1 Mar. 44. Counterintelligence Investigative Reports, Part II Loyalty Investigations of Civilians. *C 1, 2, 3.*

30-220 8 Jan. 42. Corps Area Intelligence.

30-230 3 Mar. 41. Post, Camp, and Station Intelligence, Zone of the Interior.

*30-254 5 Aug. 41. Military Dictionary, English-Russian, Russian-English.

30-256 5 Sep. 41[2]...Icelandic Phrase Book.

30-257 1 Jun. 41. Military Dictionary, English-Portuguese, Portuguese-English.

30-259 1 July 43. Military Dictionary, English-Italian, Italian-English.

30-276 15 Feb. 43[2]. Moroccan Phrase Book.

30-300 22 Jun. 43[1]. Spanish Language Guide.

30-301 22 June 43[1]. Portuguese Language Guide.

30-302 21 Jun. 43[1]. French Language Guide.

30-303 2 June 43[1]. Italian Language Guide.

30-306 24 June 43[1]. German Language Guide.

30-307 13 Sep. 43[1]. Dutch Language Guide.

30-310 27 Nov. 43[1]. Norwegian Language Guide.

30-311 3 Dec. 43[1]. Danish Language Guide.

30-312 3 Dec. 43[1]. Swedish Language Guide.

30-313 10 Feb. 44[1]. Icelandic Language Guide.

30-316 28 Dec. 43[1]. Hungarian Language Guide.

30-318 27 Sept. 43[1]. Turkish Language Guide.

30-321 25 Jun. 43[1]. North African Arabic Language Guide.

30-326 13 Sept. 43[1]. Persian Language Guide.

30-331 17 Feb. 44[1]. Thai (Siamese) Language Guide.

30-332 17 Feb. 44[1]. Burmese Language Guide.

30-333 22 Jun. 43[1]. Chinese Language Guide.

30-334 7 Dec. 43[1]. Cantonese Language Guide.

30-339 3 Dec. 43[1]. Malay Language Guide.

30-340 12 Jun. 44[1]. Tagalog Language Guide.

30-341 18 Jun. 43[1]. Japanese Language Guide.

30-344 23 Jun. 43[1]. Russian Language Guide.

30-345 3 Dec. 43[1]. Bulgarian Language Guide.

30-346 18 Nov. 43[1]. Serbo-Croatian Language Guide.

[1]Under no circumstances will Language Guides other than German and Japanese be distributed to units or individuals in staging areas. Language Guides accompany phonograph recordings (a set of two double face 2-inch 78 rpm light plastic records). For large orders, Foreign Language Instruction Kits (I.S.) consisting of 200 Language Guides (TM 30-300 series) and one set of records are available.

[2]Distribution restricted to overseas.

| NUMBER | DATE, TITLE AND CHANGES |
|---|---|

## MILITARY INTELLIGENCE—Continued

TM

30-349 3 Dec. 43[1]. Rumanian Language Guide.

30-350 30 Jun. 43[1]. Greek Language Guides.

30-352 28 Dec. 43[1]. Albanian Language Guide.

30-410 30 Sept. 42. Handbook of British Army.

E30-451 1 Sept. 43. Handbook on German Military Forces.

E30-480 15 Sept. 44. Handbook on Japanese Military Forces.

30-485 1 May 43. Japanese English Glossary.

30-490 22 Dec. 43. German-English Glossary, Technical Communication Terms.

30-495 23 Mar. 44. Chinese-English Glossary Technical Communication Terms. *C 1.*

*30-502 1 Aug. 44. Military Dictionary, English-French, French-English.

30-506 20 May 44. Military Dictionary. German-English; English-German.

30-600 11 Dec. 43[2]. Spanish Phrase Book.

30-601 16 Dec. 43[2]. Portuguese Phrase Book.

30-602 28 Sept. 43[2]. French Phrase Book.

30-603 16 Sept. 43[2]. Italian Phrase Book.

30-606 30 Nov. 43[2]. German Phrase Book.

30-607 15 Dec. 43[2]. Dutch Phrase Book.

30-610 16 Dec. 43[2]. Norwegian Phrase Book.

30-611 19 Feb. 44[2]. Danish Phrase Book.

30-612 29 Dec. 43[2]. Swedish Phrase Book.

30-616 28 Dec. 43[2]. Hungarian Phrase Book.

30-618 17 Feb. 44[2]. Turkish Phrase Book.

30-626 1 Mar. 44[2]. Persian Phrase Book.

30-631 29 Feb. 44[2]. Siamese Phrase Book.

30-632 10 Mar. 44[2]. Burmese Phrase Book.

30-633 10 Dec. 43[2]. Chinese Phrase Book.

30-634 4 Dec. 43[2]. Cantonese Phrase Book.

30-641 1 Mar. 44[2]. Japanese Phrase Book.

30-644 4 Dec. 43[2]. Russian Phrase Book.

*30-645 4 Dec. 43[2]. Bulgarian Phrase Book.

30-646 3 Dec. 43[2]. Serbo-Croatian Phrase Book.

30-649 23 Dec. 43[2]. Rumanian Phrase Book.

30-650 13 Dec. 43[2]. Greek Phrase Book.

30-652 28 Dec. 43[2]. Albanian Phrase Book.

*30-703 3 March 44. Piccola Guide Italian. English Language Guide.

*30-803 8 March 44. Frasario (Italian-English Phrase Book).

*30-1503 18 April 44. L'Inglese Parlato (Spoken English for Italian, Part I).

*30-1504 15 June 44. L'Inglese Parlato (Spoken English for Italian, Part II).

*30-1505A 28 April 44. Guide's Manual for L'Inglese Parlato, Part I.

*30-1505B 15 June 44. Guide's Manual for L'Inglese Parlato, Part II.

## SPECIAL OPERATIONS

31-200 1 Apr. 43. Maintenance and Care of Pneumatic Tires and Rubber Treads. *C 1, 2, 3.*

[1]Under no circumstances will Language Guides other than German and Japanese be distributed to units or individuals in staging areas. Language Guides accompany phonograph recordings (a set of two double face 2-inch 78 rpm light plastic records). For large orders, Foreign Language Instruction Kits (I.S.) consisting of 200 Language Guides (TM 30-300 series) and one set of records are available.

[2]Distribution restricted to overseas.

| NUMBER | DATE, TITLE AND CHANGES |
|---|---|

## SUPPLY PROCEDURES

TM

38-210 25 Jan. 44. Preparation and Administration of the Army Supply Program.

38-220 9 May 44. Stock Control Manual for Posts, Camps and Stations. *C 1.*

38-250 Nov. 44. Basic Maintenance Manual.

38-403 1 Aug. 44. Station Supply Procedure.

38-415 22 Jun. 44. Standing Operating Procedure for Movement of Equipment and Supplies to Ports of Embarkation, Canada and Mexico.

38-505 24 April 44. Salvage in Zone of Interior. *C 1, 2, 3.*

## ANTIAIRCRAFT ARTILLERY

44-225 30 Jun. 44. Orientation For Artillery. *C 1.*

44-250 15 Jun. 44. Stereoscopic Range and Height Finding.

## TRANSPORTATION (WATER AND RAIL)

55-205 25 Aug. 44. Transportation in the Zone of the Interior.

55-265 25 May 43. Manual, Transportation Rules, Military Railway Service. *C 1.*

55-275 4 Feb. 44. Maintenance of Way Rules, Military Railway Service.

55-276 Standard Plans—Roadway Track and Structures.

55-310 20 May 44. Stevedoring.

*55-320 Nov. 44. Small Boat and Harbor Craft Preventive Maintenance.

55-1000 20 Dec. 43. Engine, Marine, Diesel, Cummins, Model "A" Series.

55-1001 Engine, Marine, Diesel, Cummins, Model "H" Series.

55-1002 Engine, Marine, Diesel, Cummins, Model HMRS 603.

55-1005 Engine, Marine, Gasoline, Hudson Invader, Model 168.

55-1010 Engine, Marine, Gasoline, Packard, Model 4M2500.

55-1015 Engine, Marine, Gasoline, Scripps, Models 160, 161, 162, 163, 164, 165, 170, 171, 172, 173, 174, 175, 200, 201, 202, 203, 204, 205, Instruction Book, Model 208G.

55-1020 Engine, Marine, Gasoline, Continental Commando, Model R6602.

55-1021 Engine, Marine, Gasoline, Continental Invincible Model M6330.

55-1025 Engine, Marine, Diesel, Atlas, Imperial Model, 6HM1558.

55-1026 Engine, Marine, Diesel, Atlas Imperial Model 6HM2124.

55-1030 Engine, Outboard, Gasoline, Evinrude, Models 4375.

55-1035 Engine, Marine, Gasoline, Universal, Utility four, Models BN, BNM, BNR, BNMR.

*55-1037 Jan. Buda Silver Crown Marine Engine.

*55-1038 Operating Instructions, Palmer Model LLH.

55-1040 Engine, Stationary, Diesel, Witte Vertical.

*55-1042 1 July 38. Operating Instruction Book for Alco-Sulzer Two Cycle Diesel Engines.

55-1045 Engine, Marine, Diesel, Caterpillar, Model D13000.

55-1046 Engine, Power Unit, Diesel, Caterpillar, Model D17000.

55-1047 Engine, Power Unit, Diesel, Caterpillar, Model D8800.

*55-1048 2 Nov. 44. Engine, Marine Diesel, Caterpillar Model D4600.

| NUMBER | DATE, TITLE AND CHANGES |
|---|---|

**TRANSPORTATION (WATER AND RAIL)—Continued**

TM

55–1060 Engine, Outboard Unit, Gasoline, Chrysler, Model 0–2.

55–1065 7 Nov. 43. Engine, Marine, Diesel, General Motors, Model 6–2784A.

55–1066 Engine, Marine, Diesel, General Motors, Model 3–268A.

55–1067 Engine, Marine, Diesel, General Motors, Model 12–278A.

55–1068 Engine, Marine, Diesel, General Motors, Model 8–567.

55–1069 Engine, Marine, Diesel, General Motors, Models 3–71 and 6–71.

55–1071 4 April 44. Engine, Marine, Diesel, Buda-Lanova, Model 6–DCMR–1879.

55–1080 Engine, Marine, Gasoline, Sterling Viking II.

55–1081 Engine, Marine, Gasoline, Sterling Admiral V–2500–6.

55–1082 Engine, Marine, Gasoline, Sterling, Model L–6.

55–1085 Engine, Marine, Diesel, Clark, Models MD4 and MD6.

*55–1092 Nov. 44. Engine, Marine Diesel Cooper-Bessemer Model GSB–8; 6 Units.

55–1100 Engine, Marine, Gasoline, Chris-Craft, Models K, KR & KB.

55–1101 Engine, Marine, Gasoline, Chris-Craft, Model WR–160.

55–1106 1 Nov. 44. Engine, Marine Diesel, Enterprise

55–1110 Engine, Marine, Gasoline, Briggs & Stratton, Model B.

55–1115 Engine, Marine, Diesel, Fairbanks-Morse, Model 35F8–3/4.

55–1116 Aug. 44. Fairbanks-Morse, Model 35F14M, Marine Diesel Engines.

55–1117 Engine, Marine, Diesel, Fairbanks-Morse, Model 136A4–1/4.

55–1118 Engine, Marine, Diesel, Fairbanks-Morse, Models 36A5–1/2 and 36AA5–1/2.

55–1119 Engine, Marine, Diesel, Fairbanks-Morse, Model 35F10M.

55–1120 Engine, Marine, Diesel, Fairbanks-Morse, Model 37–E–14.

55–1121 July 44. Engine, Marine, Diesel, Fairbanks-Morse, Model 37–F–12.

55–1122 Engine, Marine, Diesel, Fairbanks-Morse, Model 37–E–16.

55–1125 18 Oct. 44. Engine, Marine Diesel, Wolverine, 6 Cylinder.

55–1201 11 Oct. 44. Browning Locomotive Cranes, Instructions and Repairs.

*55–3000 1944. Maintenance Publications, Kermath Sea Chief Pumper and Generator, 2½ 25 KW.

*55–3003 Aug. 43. Electric Propulsion Equipment for United States Army Tugs LT–454, LT–455, LT–456.

*55–3008 Maintenance Publications, Onan Electric Plant, Model OTC–15BE.

## 32. TECHNICAL REGULATIONS. (For description see par. 11).

TR

1300–30G 21 May 29. Browning Aircraft Machine Guns, Caliber .30; M1918–M1 and M1919.

| NUMBER | DATE, TITLE AND CHANGES |
|---|---|

TR

1305–75B 2 Jan. 40. Gun and Carriage, 75–mm, M1916–A1, and M1916–M1A1.

1305–240A 15 Jan. 33. 240–mm Howitzer Matériel, M1918 and M1918–A1.

1320–DB 29 Nov. 38. Altimeters.

1320–DL 30 Dec. 38. Data Transmission Systems, M2, M2A1, and M2A2, Instrument Trailers, M2 and M2A1 (Including Power Units).

1355–240A 28 Nov. 27. Ammunition for 240–mm Howitzer, M1918 (Schneider).

1405–A 10 Dec. 32. Special Field Artillery Vehicles.

1405–75B 2 Jan. 40. Gun and Carriage, 75–mm, M1916A1 and M1916–M1A1.

## 33. TRAINING CIRCULARS. (For description see par. 11). The training circulars listed below are still in force. Those training circulars and parts of training circulars which are not listed below have been incorporated in other publications or have served the purpose for which issued, are rescinded.

| NUMBER | | TITLE | DATE |
|---|---|---|---|
| 6... | II. | Protection Afforded by the Standard Service Gas Mask and M1 Training Mask. | 16 Oct. 1940 |
| 2... | | Joint Army and Navy Radio Procedure, 1940. | 16 Jan. 1941 |
| 12... | | Joint Army and Navy Radio Procedure, 1940. | 3 Mar. 1941 |
| 25... | | Reading Courses for Officers.... | 5 Apr. 1941 |
| 50... | | Modifications of 3-Gallon Demustardizing Apparatus. | 20 Aug. 1941 |
| 51... | I. | Use of High-Pressure Hose in Cleaning. | 25 Aug. 1941 |
| 54... | | Preventive Maintenance..... | 8 Sep. 1941 |
| 55... | II. | Changes in FM 11–5..... | 20 Sep. 1941 |
| 60... | III. | Field Camouflage..... | 2 Oct. 1941 |
| 64... | III. | Protective Concealment of Large Installations. | 31 Oct. 1941 |
| 10... | II. | TF 11–235, Articles of War.... | 19 Feb. 1942 |
| 17... | | Standard Basic Grid for Joint Army-Navy Operations. | 11 Apr. 1942 |
| 28... | | Air-Ground Visual Communication. | 12 May 1942 |
| 31... | | Chemical Defense of Air Establishments. | 16 May 1942 |
| 37... | I. | Pole Line Construction..... | 29 Jun. 1942 |
| 43... | | Use of Type A–1 Target Lamp for Night Firing Antiaircraft Artillery Units. | 21 Jul. 1942 |
| 49... | | Captured Italian Intelligence Report Regarding Violations of Radio Security Measures in a Particular Operation. | 5 Aug. 1942 |
| 51... | II. | Adoption of 24-Hour Clock System as Official Time System for United States Army—Changes in Training Publications. | 10 Aug. 1942 |

| NUMBER | TITLE | DATE |
|---|---|---|
| | **TRAINING CIRCULARS—Continued** | |
| 55... | Notes on Jungle Warfare..... | 18 Aug. 1942 |
| 57... | I. Heat Exhaustion and Fatigue... | 22 Aug. 1942 |
| 58... | Radio Jamming..... | 22 Aug. 1942 |
| 61... | Medical Procedures Defined.... | 8 Sep. 1942 |
| 63... | Destruction of Abandoned Signal Communication Matériel in Combat Zone. | 8 Sep. 1942 |
| 69... | II. Chemical Defense of Air Establishments. | 14 Oct. 1942 |
| 71... | War Department Film Bulletins. | 16 Oct. 1942 |
| 72... | Radio Transmissions "In the Clear". | 20 Oct. 1942 |
| 73... | II. Description and Use of Improvised Boom Equipment. | 22 Oct. 1942 |
| 81... | II. Processing of Captured Matériel for Intelligence Purposes. | 6 Nov. 1942 |
| 82... | War Department Film Bulletins. | 7 Nov. 1942 |
| 85... | Training in International Morse Code. | 12 Nov. 1942 |
| 87... | Physical Training..... | 17 Nov. 1942 |
| 91... | Camouflage of Guns and Vehicles. | 19 Nov. 1942 |
| 94... | III. Phonetic Alphabet and Pronunciation of Numerals. | 26 Nov. 1942 |
| 99... | Safeguarding Military Information. | 4 Dec. 1942 |
| 100... | III. Processing of Captured Matériel for Intelligence Purposes. | 5 Dec. 1942 |
| 101... | I. Coordination with Civilian Traffic Authorities in Matters Pertaining to Military Convoy Movements.<br>II. Safeguarding Information Relative to Convoy Movements. | 8 Dec. 1942 |
| 103... | Transliteration of Japanese Words. | 14 Dec. 1942 |
| 105... | Ricochet Fire..... | 17 Dec. 1942 |
| 107... | II. Definition of Jammed, Jamming, and Interference. | 22 Dec. 1942 |
| 110... | I. Training in Intern'l Morse Code.<br>II. War Department Film Bulletins. | 31 Dec. 1942 |
| 3... | II. Description and use of Improvised Boom Equipment. | 13 Jan. 1943 |
| 4... | I. Frequency Meter Sets SCR-211-A, SCR-211-C — Changes in TM 11-300. | 18 Jan. 1943 |
| 5... | Destruction of Ordnance Matériel in Imminent Capture in Combat Zone. | 25 Jan. 1943 |
| 6... | Adjustment of Receiver and Transmitter to Assigned Frequency. | 29 Jan. 1943 |
| 16... | I. Destruction of Ordnance Matériel in Event of Imminent Capture in Combat Zone.<br>II. Destruction of Abandoned Signal Communication Matériel in Combat Zone. | 16 Feb. 1943 |
| 18... | Destruction of Ordnance Matériel in Hands of Ordnance Troops in Event of Imminent Capture in Combat Zone. | 22 Feb. 1943 |
| 21... | Recovery and Evacuation of Matériel by Service Units in Theater of Operations. | 27 Feb. 1943 |
| 22... | Training in Individual Tracer Control of Caliber .50 Machine Guns Against Aerial Targets. | 1 Mar. 1943 |
| 26... | Use of Test Set I-56-A..... | 2 Mar. 1943 |
| 29... | Field Artillery Trainer M3..... | 6 Mar. 1943 |
| 31... | III. Sighting Device..... | 10 Mar. 1943 |
| 32... | Kit, Emergency, Crash Fire-Fighting Equipment, for Mobile Decontaminator M3A1. | 11 Mar. 1943 |
| 35... | II. Practice in International Morse Characters. | 17 Mar. 1943 |
| 36... | Mountain and Cold Weather Equipment. | 19 Mar. 1943 |
| 37... | Cold Weather Clothing..... | 19 Mar. 1943 |
| 44... | II. Tanks, Light, M5, M5A1, and Carriage, Motor, M8 Final Drive Installation.<br>III. Tank, Medium, M4A4, Differences in Fuel Pumps. | 9 Apr. 1943 |
| 45... | Spark Test for Location of Field Wire Insulation Faults. | 10 Apr. 1943 |
| 47... | I. Truck, Amphibian, ¼-Ton, 4 by 4, Instructions for Sealing Threaded Connections on Fuel Line.<br>II. Browning Machine Guns, Caliber .50, M2, Aircraft, and Caliber .50, M2, Water-Cooled, Type of Oil for Oil Buffers.<br>III. Wheels, Bogie, Medium Tank Suspension System, Grease Leaks due to Bearing Looseness.<br>IV. Wearing of Headset HS-30..... | 13 Apr. 1943 |
| 48... | Destruction of Abandoned Engineer Matérial in Combat Zones. | 17 Apr. 1943 |
| 53... | Pneumatic Floats, 12-Ton, for Reinforcing Ponton Bridges. | 20 Apr. 1943 |
| 54... | I. Carriage, Motor, 3-Inch Gun, M10 and M10A1—Importance of Locking Turret.<br>II. Motor Vehicles — Placement of Caution. | 21 Apr. 1943 |
| 55... | I. Rifle, U. S., Caliber .30, M1; Lubrication with Grease, Rifle.<br>II. Truck, Amphibian, 2½-Ton, 6 x 6 (General Motors) (Dukw-353) Hull Drainage, Ventilation, and Care. | 23 Apr. 1943 |
| 59... | II. Tank, Medium, M4A2, and Carriage, Motor, 3-Inch Gun, M10 —Removal of Water from Engine Compartment.<br>III. Machine Gun Spare Parts.....<br>IV. Tank, Medium M3, M3A1, M3-A2, M3A3, M3A4, M3A5, M4, M4A1, M4A2, M4A3, M4A4; Carriage, Motor, 3-Inch Gun, M10; Carriage, Motor 3-Inch Gun, M10A1; Carriage, Motor, 155-mm Gun M12; and Howitzer, 105-mm, M7; Descending Steep Grades. | 4 May 1943 |

| NUMBER | TITLE | DATE |
|---|---|---|
| | **TRAINING CIRCULARS—Continued** | |
| 60... | War Department Photographic Libraries. | 4 May 1943 |
| 61... | I. Radio Set SCR-299-C..... | 5 May 1943 |
| | II. Medium Tanks M3 and M4, and Carriage, Motor, 105-mm Howitzer, M7—Engine Operation. | |
| 63... | Use of Sack, Gas-Resistant, M1. | 8 May 1943 |
| 65... | Destruction of Chemical Warfare Matériel and Supplies. | 11 May 1943 |
| 68... | II. Recovery and Evacuation of Matériel by Service Units in Theater of Operations. | 13 May 1943 |
| 69... | Use of Test Set I-56-C..... | 19 May 1943 |
| 70... | Recognition of Insignia of Rank and Courtesies Between Personnel of United States and Allied Forces. | 21 May 1943 |
| 71... | Recommended Syllabus for Security Training In Radio Schools. | 21 May 1943 |
| 72... | Oil Recoil, Special—Replacement for Oil, Recoil, Heavy, in Recoil Mechanisms Operating In Temperatures below 15 F. | 22 May 1943 |
| 76... | Dummy Training Compass..... | 28 May 1943 |
| 79... | II. Cold Weather Clothing..... | 5 Jun. 1943 |
| 81... | Handling of Explosives—Electric Blasting Caps. | 9 Jun. 1943 |
| 83... | III. Instructions for Use of Pockets, Cartridge, Caliber .30, M1, Carbine or Rifle; Bag, Carrying, Rocket M6. | 14 Jun. 1943 |
| 84... | Standard Firing Device Base Compared with Special Clip or Snout Base. | 14 Jun. 1943 |
| 86... | I. Carriage, Howitzer, 105-mm, M2 and M2A1 — Prevention of Damage to Recuperator Cylinder while Using 37-mm Subcaliber Mount M16. | 19 Jun. 1943 |
| | II. Adaptation of the M1937 Army Field Range for the Purpose of Baking Bread under Emergency Conditions. | |
| 89... | Engineer Units..... | 26 Jun. 1943 |
| 92... | III. Kit, Emergency, Crash Fire-Fighting Equipment for Power-Driven Decontaminator M4. | Jul. 1943 |
| 94... | Spiral-Four Cable..... | 6 Jul. 1943 |
| 95... | Landward Firing with Seacoast Armament..... | 7 Jul. 1943 |
| 99... | Mountain and Cold Weather Equipment. | 24 Jul. 1943 |
| 101... | Miscellaneous uses of Decontaminating Apparatus M3A1 and M4 (Power-Driven 400-Gallon). | 9 Aug. 1943 |
| 102... | Destruction of Aircraft and Components. | 13 Aug. 1943 |
| 105... | Number of Mast Sections and Length and Type of Lead-in Wire to be Used with Radio Sets SCR-508, SCR-528, SCR-510, SCR-608, SCR-628, and SCR-610. | 5 Sep. 1943 |
| 107... | Employment of Mechanized Cavalry Unit. | 21 Sep. 1943 |
| 109... | I. Supersession of TF 25-670..... | 25 Sep. 1943 |
| | II. Rescission of Training Circular. | |
| 110... | Firing at Unseen Targets by Antiaircraft Artillery. | 28 Sep. 1943 |
| 113... | Employment of Airborne and Troop Carrier Forces. | 9 Oct. 1943 |
| 117... | II. Load Classification and Marking of Bridges and Military Vehicles. | 1 Nov. 1943 |
| 118... | I. Instruction of Personnel in Prevention of Food Wastage. | 2 Nov. 1943 |
| | II. Lecture No. 1. | |
| | III. Lecture No. 2. | |
| 120... | Safety Precautions ..... | 4 Nov. 1943 |
| 122... | Mine-Field Marking ..... | 10 Nov. 1943 |
| 123... | Change in Training Circular No. 102. | 11 Nov. 1943 |
| 124... | Antiaircraft Artillery ..... | 13 Nov. 1943 |
| 125... | Employment of Tanks and Tank Destroyers as Artillery. | 13 Nov. 1943 |
| 130... | 105-mm Howitzer M3, High Angle Firing. | 2 Dec. 1943 |
| 131... | Recognition Training Aids. .... | 14 Dec. 1943 |
| 1... | I. Changes in Training Circular No. 118, 1943..... | 1 Jan. 1944 |
| 3... | Training in International Morse Code. | 14 Jan. 1944 |
| 4... | Training Aid: "Graphic Portfolio—First Aid." | 17 Jan. 1944 |
| 6... | Training in Map Reading. ..... | 21 Jan. 1944 |
| 7... | II. Marksmanship Course for Browning Machine Gun, Caliber .30, M1917. | 24 Jan. 1944 |
| 8... | I. Change in Training Circular No. 1, 1944. | 1 Feb. 1944 |
| | II. Correction in Changes No. 1, FM 21-40. | |
| 10... | I. Change in Training Circular No. 32, 1943. | 8 Feb. 1944 |
| | II. First-Aid Packets for Training Purposes. | |
| 11... | Signal Training During Sea Voyages. | 14 Feb. 1944 |
| 12... | I. Addition to Training Circular No. 2, 1944. | 15 Feb. 1944 |
| | II. Change in Classification of Technical Manuals 11-361 and 11-273. | |
| 14... | Shifting of Transfer Case in Heavy Duty Trucks. | 8 Mar. 1944 |
| 15... | Load Classification and Marking of Bridges and Military Vehicles. | 15 Mar. 1944 |
| 16... | Marksmanship Course for Browning Machine Gun, Caliber .30, M1919A4 and M1919-A6, Ground. | 16 Mar. 1944 |
| 18... | Subcaliber Qualification Course for Antitank Weapons. | 17 Mar. 1944 |
| 19... | II. Changes in Training Circular No. 123, 1943. | 18 Mar. 1944 |

| NUMBER | TITLE | DATE |
|---|---|---|
| | **TRAINING CIRCULARS—Continued** | |
| | III. Publication of Changes in Training Literature. | |
| 20... | Crew Drill and Tactical Employment of the 2-Inch Mortar M3. | 31 Mar. 1944 |
| 21... | Snake, Demolition, M2, Assembly and Use. | 1 Apr. 1944 |
| 22... | Sex Hygiene and Venereal Diseases. | 1 Apr. 1944 |
| 23... | Employment of Antiaircraft Artillery Guns as Reinforcing Field Artillery. | 8 Apr. 1944 |
| 25... | Graphic Portfolio, Elementary Map Reading (GTA 5–2). | 12 Apr. 1944 |
| 26... | II. Instructional Materials for Special Training Units. | 12 Apr. 1944 |
| 28... | Ballistic Winds for Meteorological Messages Using Radar Data. | 20 Apr. 1944 |
| 29... | Use of Base Ejection Smoke Shell. | 24 Apr. 1944 |
| 30... | Gunner Trainer. ..... | 28 Apr. 1944 |
| 31... | Flying Safety; Standard Procedure In Instrument Weather Flying for Fighter Aircraft—Individual, Squadron, and Group. | 1 May 1944 |
| 32... | Employment of Antiaircraft Searchlights with Antiaircraft Automatic Weapons. | 2 May 1944 |
| 33... | Employment of Amphibian Tractors and Amphibian Tanks. | 4 May 1944 |
| 35... | Tactical Use of Mechanized Flame Throwers E5R1–5 and E4–5. | 8 May 1944 |
| 36... | II. Limited Distribution of Certain Training Circulars. | 17 May 1944 |
| | III. Changes in Chemical Warfare Terminology. | |
| | IV. FM 21–8, "Military Training Aids". | |
| 37... | Requirement for Showing TF 21–1236 Discontinued. | 25 May 1944 |
| 38... | Safety Precautions for Handling Explosive Components of Submarine Ground Mines. | 26 May 1944 |
| 39... | Ballistic Winds for Meteorological Messages Using Radar Data. | 26 May 1944 |
| 42... | I. Change in Classification of Technical Manual 30–485. | 19 Jun. 1944 |
| | II. Approved War Department Graphic Training Aid 3–3, "Slurry and Dry Mix for Decontamination". | |
| 43... | I. Classification of Technical Manual 30–495. | 3 Jul. 1944 |
| 44... | Shell, Smoke, M89, for 75-mm Tank Guns. | 5 Jul. 1944 |
| 45... | Employment of Army Air Forces Liaison Squadrons. | 11 Jul. 1944 |
| 46... | Engineer Armored Vehicle..... | 18 Jul. 1944 |
| 47... | II. Storage of Ammunition in the Field. | 20 Jul. 1944 |
| 48... | Combined Radiotelephone (R/T) Procedure for Ground Control Approach (Provisional). | 26 Jul. 1944 |
| 49... | Field Artillery Accuracy..... | 26 Jul. 1944 |
| 50... | Attack of Targets at Night..... | 28 Jul. 1944 |
| 51... | I. Change in TM 11–2201..... | 8 Aug. 1944 |
| | II. Correction in Changes No. 1, TM 14–700. | |
| | III. Training in Map Reading. | |
| 52... | II. War Department Graphic Training Aid. 9–1, U. S. Carbine, Caliber .30, M1. | 14 Aug. 1944 |
| 53... | Corps of Engineers Technical Manuals (Maintenance Manuals and Parts Lists). | 23 Aug. 1944 |
| 54... | I. Correction in Training Circular No. 48, 1944. | 24 Aug. 1944 |
| | II. Combat Intelligence. | |
| 55... | II. Unauthorized Literature: Instructions on Throwing Hand Grenades. | 28 Aug. 1944 |
| 56... | I. Stabilizers in Armored Vehicles. | 29 Aug. 1944 |
| 57... | I. Change in Classification of TM and FM's. | 21 Sep. 1944 |
| | II. Coordination of activities between Signal Corps and units engaged in Construction Activities. | |
| 58... | Coordination and Cooperation between Artillery Units and AAF Weather Units. | 25 Sep. 1944 |
| 59... | Spread Beam Lens Kit for 60-in. Portable Searchlight. | 25 Sep. 1944 |
| 60... | Disassembly and crating of 105 mm Howitzer M2H1 on carriage M2A2. | 26 Sep. 1944 |
| 61... | I. Distribution of TC No. 59;..... | 26 Sep. 1944 |
| | II. Infantry Plotting Board M10. | |
| 62... | WAC Physical Fitness Rating... | 10 Oct. 1944 |
| 63... | I. General ..... | 11 Oct. 1944 |
| | II. Technical Considerations. | |
| | III. Tactical Employment. | |
| 64... | Flying Safety: Standard procedure in instrument weather flying for fighter aircraft—individual, squadron, and group. | 13 Oct. 1944 |
| 65... | Mortar, 105-mm, T13, and mount, T12. | 21 Oct. 1944 |
| 66... | Point-designation grid. ..... | 24 Oct. 1944 |
| 67... | Stabilizers in Armored Vehicles. | 25 Oct. 1944 |
| 69... | Classified. ..... | 4 Nov. 1944 |
| 70... | Use of mil gridded oblique photography. | 6 Nov. 1944 |
| 71... | I. Limited distribution of certain Training Circulars. | 10 Nov. 1944 |
| | II. Rescission of C4, FM 31-20. | |
| | III. Change in TC 97, WD, 1943. | |
| | IV. Redesignation of components of WD Graphic Training Aid, 5–6. | |
| 72... | Signal Operation Instructions... | 17 Nov. 1944 |
| 73... | Employment of the 81-mm Mortar Platoon as a Battery and Massing Fire ..... | 8 Dec. 1944 |
| *74... | Authentication Systems ..... | 20 Dec. 1944 |

| NUMBER | TITLE | DATE |
|---|---|---|
| | TRAINING CIRCULARS—Continued | |
| *75... | Communication: Infantry-Tanks-Artillery Team. | 22 Dec. 1944 |
| *76... | Classified ..... | 29 Dec. 1944 |
| *1.... | Radio Sets SCR-80-( ) and SCR-828-( ) for Emergency Transmission of Base-end Data for Seacoast Artillery — Employment and Assignment of Frequency. | 12 Jan. 1945 |

## 34. WAR DEPARTMENT LUBRICATION ORDERS. (For description see par. 12)

| TITLE | WDLO No. | DATE |
|---|---|---|
| Ambulance, ¾ ton, 4 x 2 (Packard, 1941-42). | 530 | 4 Apr. 1944 |
| Apparatus, Decontaminating, Power-Driven, M3A2. | 4003 | 15 Aug. 1944 |
| Auger, Earth, Motorized (Buda, HBG-40) ..... | 1001 | 30 Sep. 1944 |
| *Auger, Earth, Skid-Mounted, Gasoline. (Highway Trailer Model HDM-S). | 1050 | 15 Aug. 1944 |
| Boat, Utility, Power, Gasoline, 18-ft. (Penn Yan, Model AT). | 1057 | 24 Nov. 1943 |
| *Briggs and Stratton Engine (Models A, AHL and AP) (For Reel Unit RL-26-A, B & C Lubrication, see Guide No. 3006). | 3005 | 25 Mar. 1944 |
| Bus, 29 Passenger (IHC K-5 and KS-5). | 545 | 4 Jul. 1944 |
| Car, Armored, T17E1. ..... | 91 | 23 Dec. 1942 |
| Car, Armored, Light, M8..... | 139 | 14 Jan. 1944 |
| Car, Armored, Utility, M20.... | 139 | 14 Jan. 1944 |
| Car, Half-Track, M9A1 (IHC) | 116 | 5 Apr. 1944 |
| Car, Scout, M3A1..... | 20 | 7 Jan. 1944 |
| Car, 5 Pass., Light Sedan, 4 x 2 (Chevrolet). | 527 | 22 Jan. 1944 |
| Car, 5 Pass., Light Sedan, 4 x 2 (Ford). | 529 | 13 Jan. 1944 |
| Car, 5 Pass., Light Sedan, 4 x 2 (Plymouth). | 528 | 18 Jan. 1944 |
| Car, 5 Pass., Medium Sedan (Packard Models 160, 2003, Clipper). | 530 | 4 Apr. 1944 |
| Carriage, Motor, 37-mm Gun, M6. | 101 | 21 Dec. 1942 |
| Carriage, Motor, 57-mm Gun, T48. | 134 | 12 Feb. 1944 |
| Carriage, Motor, 76-mm Gun, M18 (T70). | 143 | 1 Apr. 1944 |
| Carriage, Motor, 90-mm Gun, M36. | 156 | 13 Jul. 1944 |
| Carriage, Motor, 90-mm Gun, M36B1. | 165 | 14 Aug. 1944 |
| Carriage, Motor, 155-mm Gun, M12. | 110, 110A | 28 Feb. 1944 |
| *Carriage, Motor, 3-in. Gun M10. | 113 | 7 Jan. 1944 |
| Carriage, Motor, 3-in. Gun, M10A1. | 109 | 14 Feb. 1944 |
| Carriage, Motor, 75-mm Howitzer, M8. | 117 | 31 Dec. 1942 |
| Carriage, Motor, 75-mm Howitzer, T30. | 111 | 10 Mar. 1943 |
| Carriage, Motor, 105-mm Howitzer, M7. | 106 | 30 May 1944 |
| Carriage, Motor, 105-mm Howitzer, M7B1. | 157 | 1 Apr. 1944 |
| Carriage, Motor, Multiple Gun, M14. | 130 | 3 Nov. 1943 |
| Carriage, Motor, Multiple Gun, M15. | 131 | 9 Oct. 1943 |
| Carriage, Motor, Multiple Gun, M15A1. | 158 | 15 Mar. 1944 |
| Carriage, Motor, Multiple Gun, M16. | 132 | 31 Jan. 1944 |
| Carriage, Motor, Multiple Gun, M17. | 133 | 4 Apr. 1944 |
| Carriage, Multiple Cal. .50 Machine Gun, M51. | 161 | 29 May 1944 |
| Carrier, 81-mm Mortar Half-Track, M4, M4A1, M21. | 23 | 18 Aug. 1944 |
| Carrier, Cargo, M30 (T14)... | 110, 110A | 28 Feb. 1944 |
| Carrier, Light Cargo, M29, M-29C. | 9-772 | 23 Sep. 1944 |
| Carrier, Personnel, Half-Track, M3, M3A1. | 22 | 18 Jan. 1944 |
| Carrier, Personnel, Half-Track, M5, M5A1. | 116 | 5 Apr. 1944 |
| Carrier, Universal, T16..... | 140 | 30 Jun. 1943 |
| Cement Plant, Portable, Gasoline, 30-TPH (Blaw Knox). | 1052 | 26 Feb. 1944 |
| Chest, CH-40 Sound Ranging Set GR-3). | 3039 | 1 Apr. 1944 |
| Compressor, Air, Motorized, 105-CFM (LeRoi Model 105 GA) GMC 1½ to 3-ton, 4 x 4, Truck, Model AFKX-352. | 1013 | 19 Jan. 1943 |
| *Compressor, Air, Gasoline Engine Driven, 7CFM, M1. | 4004 | 15 Aug. 1944 |
| Compressor, Air, Gasoline, 105-CFM with Attachments (LeRoi Model 105 GA). | 1014 | 10 Jul. 1944 |
| Compressor, Air, Portable, Gasoline, 60-CFM (Schramm Model Ford Air, 60). | 1077 | 29 Feb. 1944 |
| Compressor, Air, Trailer-Mounted, Pneumatic Tires, Gasoline, 60-CFM (Ingersoll Rand, Model D-60). | 1058 | 26 Nov. 1943 |
| Compressor, Air, Trailer-Mounted, Steel-Wheels, Diesel 315-DFM (Ingersoll Rand, Model IK-315). | 1011 | 15 Sep. 1943 |
| *Compressor, Air, Trailer-Mounted, Steel-Wheels, Diesel 500-CFM (Chicago Pneumatic, Model 500-PO-8). | 1012 | 1 July 1944 |
| Compressor, Air, Trailer-Mounted, Steel Wheels, Oil Engine, 210-CFM (Ingersoll-Rand, Model HK-210). | 1059 | 26 Nov. 1943 |
| Converter M-209..... | 3034 | 1 Apr. 1944 |
| Conveyor, Belt, Gasoline (Barber Greene, Style N). | 1064, 1064A | 28 May 1943 |

| TITLE | WDLO No. | DATE |
|---|---|---|
| **WAR DEPT. LUBRICATION ORDERS—Continued** | | |
| Conveyor, Belt, Transfer, Gasoline Engine-Driven, 30-In. x 35-Ft., Low Mast, For Crushing, Screening and Washing Plant, Gasoline, Pioneer. | 1108 | 2 Mar. 1944 |
| Conveyor, Belt, Transfer, Gasoline Engine Driven, 30-in., x 50 ft., Low Mast, 300/400 FPM for Crushing, Screening and Washing Plant, Gasoline, Pioneer. | 1109 | 2 Mar. 1944 |
| Conveyor, Belt, Transfer, Gasoline Engine Driven, 30-in., by 50 ft., High Mast, for Crushing, Screening and Washing Plant, Gasoline, Pioneer. | 1110 | 2 Mar. 1944 |
| Crane, Crawler-Mounted, Gasoline, ¾-cu. yd., with Attachments. (Koehring Model 304). | 1054, 1054A, 1054B | 24 Nov. 1943 |
| Crane, Truck Mounted M2. | 135, 135A | 1 Oct. 1943 |
| Crane, Truck-Mounted, Gasoline, ⅜-cu. yd. (Quick-Way, Model E). | 1002, 1002A | 24 Nov. 1943 |
| Crane, Wharf, Portal, Diesel, 3½-Ton (Marion, Type 362). | 1070, 1070A | 1 May 1944 |
| Crane, Wharf Portal Diesel 17-Ton (Marion). | 1071, 1071A | 1 May 1944 |
| *Crane (Wheeled), Mather Loadmaster 80 [on Tractor, Case LAI (Gasoline)]. | 6020, 6020A | 31 Aug. 1944 |
| *Crane (Wheeled), Mercer No. 3 [on Tractor, International Harvester, I-4 (Gasoline)]. | 6023, 6023A | 21 Sep. 1944 |
| *Crane (Wheeled), Mercer No. 5 [on Case Tractor DI (Gasoline)]. | 6019, 6019A | 23 Aug. 1944 |
| *Crane (Wheeled), Mercer No. 7 [on Tractor, Case, LAI (Gasoline)]. | 6018, 6018A | 19 Aug. 1944 |
| Crusher, Jaw-Type, Gasoline, Crawler, 30-in. x 42-in., 200 to 400-TPH (Model 56-A) for Crushing, Screening, and Washing Plant, Gasoline, Pioneer. | 1100, 1100A | 2 Mar. 1944 |
| Crusher, Rock, Jaw-Type, 4-Wheel, Trailer-Mounted, 7 Cu. Yd. Per Hour (Gruendler, Model 1016A) (International Harvester, Model U-4 Engine). | 1072 | 25 Nov. 1943 |
| Crusher, Roll-type, Gasoline, Crawler, 54-in. Dia. x 24-in. Face, 100 to 190 TPH, (Model 54-VA) for Crushing, Screening and Washing Plant, Gasoline, Pioneer. | 1101, 1101A | 2 Mar. 1944 |
| Crusher, Roll-Type, Gasoline, Trailer-Mounted, 6-Steel Wheels, 40-in., Dia. x 22-in. Face, 40- to 140-TPH, (Model 42-VA) for Crushing, Screening and Washing Plant, Gasoline, Pioneer. | 1103, 1103A | 1 Mar. 1944 |
| Crusher, Screen and Washer, Roll-Type, Belt-Driven, Crawler, 40-in. Dia. x 22-in. Face, 40- to 140-TPH, (Model 300-WA) for Crushing, Screening and Washing Plant, Gasoline, Pioneer. | 1102 | 1 Mar. 1944 |
| Crushing and Screening Plant, 25 cu. yd., Gasoline, Primary Unit, (Iowa Army Mobile Model No. 2). | 1034, 1034A | 1 Mar. 1943 |
| Crushing and Screening Plant, 25 cu. yd., Gasoline, Secondary Unit, (Iowa Army Mobile Model No. 2). | 1034B, 1034C | 1 Mar. 1943 |
| Dehydrator, Sand, Screw-Feed, Chain-Driven, Trailer-Mounted, 4 Steel Wheels, 40 to 60 TPH, for Crushing, Screening and Washing Plant, Gasoline, Pioneer. | 1104 | 2 Mar. 1944 |
| Distributor, Asphalt, 1250 Gal., Trailer-Mounted, (Etnyre, Model MX). | 1015 | 17 Mar. 1943 |
| Distributor, Bituminous Material, Truck-Mounted, 800-Gal., Gasoline (Etnyre, Model MX, Style RE) with LeRoi Engine Model P2877D2 or D-140-P7. | 1080 | 20 Mar. 1944 |
| Distributor, Water, Truck-Mounted, 1000-Gal., Gasoline Engine-Driven (Rosco, Model MME, with Wisconsin VE1 Engine). | 1081 | 30 Jun. 1944 |
| *Ditching Machine, Ladder-Type, Crawler-Mounted, Gasoline Digging Depth 8-ft., Width 18 to 24-in. (Barber-Greene Model Model 44-C). | 1033, 1033A | 1 Sep. 1944 |
| Ditching Machine, Wheel-Type, Crawler-Mounted, Gasoline (Cleveland Trencher, Model 110). | 1042, 1042A | 4 Dec. 1943 |
| *Dryer, Aggregate, Dual-Drum, Travel or Central Plant, Trailer-Mounted, 80 to 150 Tons Per Hour (Barber-Greene, Model 833). | 1060, 1060A, 1060B | 1 Sep. 1944 |
| *Dryer, Aggregate, Single-Drum, Semi-Trailer Mounted, Pneumatic Tires 15 to 30-TPH. (Barber-Greene Model 831). | 1068, 1068A 1068B | 30 Sep. 1944 |
| *Dynamotor BD-77. | 3001 | 1 Apr. 1944 |
| *Dynamotor PE-55. | 3042 | 1 Apr. 1944 |
| *Engine, Diesel, Marine, Busch-Sulzer 6-DFMT-17. | 7022 | 3 Aug. 1944 |
| *Engine, Diesel, Marine Caterpillar D8800, D11000, D13000. | 7017 | 22 Aug. 1944 |
| *Engine, Diesel, Marine Caterpillar D17000. | 7018 | 22 Aug. 1944 |
| *Engine, Diesel, Marine Enterprise DMG 6. | 7032 | 26 Aug. 1944 |
| Engine, Diesel, Marine (Clark MD4, MD6). | 7008 | 8 Aug. 1944 |
| Engine, Diesel, Marine (Cummins AMR602). | 7025 | 19 Aug. 1944 |

| TITLE | WDLO No. | DATE |
|---|---|---|
| **WAR DEPT. LUBRICATION ORDERS—Continued** | | |
| Engine, Diesel, Marine (Cummins HMR 602, 603). | 7023 | 19 Aug. 1944 |
| Engine, Diesel, Marine (Cummins HMRS 602, 603). | 7024 | 19 Aug. 1944 |
| Engine, Diesel, Marine (Gray 64–HN9, 64–TL, 1, 34). | 7020 | 3 Aug. 1944 |
| Engine, Diesel, Marine (GMC 6–278A). | 7003 | 7 Aug. 1944 |
| Engine, Diesel, Marine (GMC 8–567). | 7007 | 7 Aug. 1944 |
| Engine, Diesel, Marine (GMC 12–278A) (Reduction Gear & Propulsion Electric Motor). | 7002 | 7 Aug. 1944 |
| *Engine, Diesel, Marine, Turbocharged Enterprise DMG 38, DMQ 36, DMQ 38. | 7033 | 26 Aug. 1944 |
| Engine, Diesel, Marine Propulsion, Baldwin VO–DR. | 7001 | 30 Aug. 1944 |
| Engine, Diesel, Marine (Wolverine 6). | 7014 | 7 Aug. 1944 |
| Engine, Gasoline, Marine (Continental Commando R–6602). | 7012 | 12 Aug. 1944 |
| Engine, Gasoline, Marine (Continental Invincible M–6330). | 7013 | 12 Aug. 1944 |
| Engine, Gasoline, Marine (Gray 4–52). | 7021 | 3 Aug. 1944 |
| Engine, Gasoline, Marine (Gray 6–121e Sea Scout). | 7019 | 3 Aug. 1944 |
| Engine, Gasoline, Marine Propulsion (Chrysler M6, M7, M8, M10). | 7004 | 13 Jul. 1944 |
| Engine, Gasoline, Marine (Hall Scott Defender). | 7006 | 7 Aug. 1944 |
| Engine, Gasoline, Marine (Hall Scott Invader). | 7005 | 7 Aug. 1944 |
| *Engine, Gasoline, Marine, Lathrop M43. | 7026 | 26 Aug. 1944 |
| *Engine, Gasoline, Marine, (Packard 4M–2500 Types 8 thru 17). | 7009 | 29 Aug. 1944 |
| *Engine, Gasoline, Marine, Scripps 160, 162, 170, 172, 200. | 7010 | 1 Aug. 1944 |
| *Engine, Gasoline, Marine, Scripps V–12, 302 H.Q. | 7011 | 1 Aug. 1944 |
| *Engine, Steam, Marine, Skinner 16″ Stroke 600 H.P. | 7030 | 26 Aug. 1944 |
| *Engine, Steam, Marine, Skinner 24″ Stroke 1200 H.P. | 7031 | 26 Aug. 1944 |
| Facsimile Transceivers FX–1 and FX–1–B (Facsimile Equipments RC–120 and RC–120–B). | 3038 | 1 Apr. 1944 |
| Finisher, Asphalt, Gasoline. (Barber-Greene Model 879–A). | 1063, 1063A | 28 May 1943 |
| Finisher, Concrete, Form-Riding, 20-ft., Gasoline, (Blaw-Knox, Model XC). | 1082, 1082A | 26 Feb. 1944 |
| Flame-Thrower, Portable, M2–2. | 4001 | 5 May 1944 |
| *Generator, Field, Operating Lamp. | LO 8–626 | 7 Oct. 1944 |
| Generator Set, Portable, Diesel, 15-KW., 127/220-Volt, 3-Phase, 60-cycle or 230/400-Volt, 3-Phase, 50-cycle (Rogers Diesel & Aircraft Corp.). | 1083 | 29 Feb. 1944 |
| Generator Set, Portable, Diesel, 15-KW., 127-200-V, 3-Phase, 60-Cycle or 230-400 V, 3-Phase, 50-Cycle (Ready Power, Model RD–6A). | 1045 | 23 Sep. 1943 |
| Generator Set, Portable, Diesel, 30-KW., (Buda Model 6–DTG–317). | 1074 | 12 Nov. 1943 |
| Generator Set, Portable, Gasoline, Skid-Mounted, 3-KW., 115-Volt, 1-Phase, 60-Cycle, (Onan, Model W3M). | 1056 | 15 Aug. 1944 |
| *Generator Set, Portable, Gasoline, Skid-Mounted, 5-KW 110 Volt, 1-Phase, 60-Cycle (Onan, Model WC4–7.5S). | 1049 | 21 Aug. 1943 |
| Generator, Smoke, M2..... | 4002 | 20 Jun. 1944 |
| *Generator, X-Ray Field Unit, Onan. | LO 8–630 | 1 Dec. 1944 |
| Generating Unit, M5 and M6.. | 120 | 12 Feb. 1944 |
| Generating Unit, M7..... | 121 | 21 Mar. 1944 |
| Generating Unit, M18..... | 155 | 1 Jun. 1944 |
| Grader, Motorized, Diesel (Caterpillar No. 12). | 1003, 1003A | 17 Mar. 1943 |
| Grader, Motorized, Gasoline (Galion Model 101). | 1004 | 17 Mar. 1943 |
| Grader, Road, Motorized, Diesel, 12-ft. Moldboard, (Galion Model 101–D). | 1016 | 30 Jul. 1944 |
| *Grader, Road, Towed-Type, Leaning-Wheel, Hand-Controlled, 10-ft. or 12-ft. Moldboard (Caterpillar, Models 44 and 66. | 1020 | 15 Sep. 1944 |
| Grader, Road, Towed, Hand-Controlled, (Adams Models 104 and 124). | 1035 | 13 Apr. 1943 |
| Grader, Road, Towed-Type, Leaning-Wheel, Hand-Controlled, 6½-ft. Moldboard, (Adams Model 11 S). | 1073 | 24 Nov. 1943 |
| Gun, Automatic, 20-mm, M1. Mount, Gun, AA, 20-mm, M2-A1. | 127 | 1 Feb. 1944 |
| Gun, Automatic, 37-mm, M1A2. Carriage, Gun, M3 and M3E1. | 1 | 30 Jan. 1943 |
| Gun, Automatic, 37-mm, M1A2. Carriage, Gun, 37-mm M3A1. | 60 | 1 Aug. 1942 |
| Gun, Automatic, 40-mm, M1. Carriage, Gun, 40-mm, M1, M1A1, M2, M2A1 (AA). | 61 | 19 Nov. 1943 |
| Gun, Automatic, 40-mm, M1. Mount, Gun, 4-mm, M5. | 209 | 3 May 1944 |
| Gun, 37-mm, M3. Carriage, Gun, 37-mm, M4, M4A1 (AT). | 2 | 30 Jan. 1943 |
| Gun, 57-mm, M1. Carriage, Gun, 57-mm, M1, M1A1, M1A2, M1A3. | 86 | 13 May 1944 |
| Gun, 75-mm, M1897A4. Carriage, Gun, 75-mm, M2A1, M2A2. | 4 | 19 Jan. 1944 |
| Gun, 75-mm, M1897A4. Carriage, Gun, 75-mm, M2A3. | 9 | 19 Jan. 1944 |

| TITLE | WDLO No. | DATE |
|---|---|---|
| **WAR DEPT. LUBRICATION ORDERS—Continued** | | |
| Gun, 75-mm, M4. Mount, Gun, Airplane, 75-mm, M6. | 126 | 6 Apr. 1943 |
| Gun, 75-mm, M5 (T13E1). Mount, Gun, Airplane, 75-mm, M9 (T13E2). | 150 | 28 Feb. 1944 |
| Gun, 90-mm, M1. Mount, Gun, AA, 90-mm, M1. | 7 | 1 Sep. 1943 |
| Gun, 90-mm, M1. Mount, Gun, AA, 90-mm, T2E1. | 125 | 6 Mar. 1944 |
| Gun, 90-mm, M1. Mount, Gun, 90-mm, M3. | 128, 128A | 18 Nov. 1944 |
| Gun, 90-mm, M1A1. Mount, Gun, AA, 90-mm, M1A1. | 62 | 31 Aug. 1943 |
| Gun, 90-mm, M2. Mount, Gun, AA, 90-mm, M2. | 142, 142A | 26 Nov. 1943 |
| Gun, 120-mm, M1. Mount, Gun, AA, 120-mm, M1. | 75, 75A | 20 Mar. 1944 |
| Gun, 155-mm, M1917, M1918M1. Carriage, Gun, 155-mm, M2, M3. | 64 | 1 Jun. 1942 |
| Gun, 155-mm, M1 and M1A1. Carriage, Gun, 155-mm, M1. | 10 | 3 May 1944 |
| Gun, 3-in. (15PDR), M1902M1. Carriage, Barbette, 3-in. (15-PDR), M1902. | 71 | 2 Feb. 1944 |
| Gun, 3-in. (15PDR), M1903, Carriage, Barbette, 3-in. (15-PDR), M1903. | 11 | 15 Apr. 1942 |
| Gun, 3-in., AA, M1917A2. Mount, Gun, AA, 3-in., M-1917M11. | 8 | 3 Nov. 1943 |
| Gun, 3-in., AA, M1 and M3. Mount, Gun, AA, 3-in., M2-A2. | 6 | 6 Jun. 1944 |
| Gun, 3-in., M5. Carriage, Gun, 3-in., M1 and M6. | 108 | 21 Jul. 1944 |
| Gun, 4.5-in., M1. Carriage, Gun, 4.5-in., M1, M1A1. | 77 | 14 Jan. 1944 |
| Gun, 6-in., M1900. Carriage, Barbette, 6-in., M1900. | 72 | 2 Feb. 1944 |
| Gun, 6-in., M1903A2. Carriage, Barbette, 6-in., M2. | 205, 205A | 28 Mar. 1944 |
| Gun, 6-in., T2. Carriage, Barbette, 6-in., M4. | 205, 205A | 28 Mar. 1944 |
| Gun, 6-in., M1903A2, M1905A2. Carriage, Barbette, 6-in., M1. | 99, 99A | 10 Feb. 1944 |
| Gun, 6-in., T2. Carriage, Barbette, 6-in., M3. | 99, 99A | 10 Feb. 1944 |
| Gun, 8-in., M1888. Carriage, Barbette, 8-in., M1918 (Railway). | 16 | 15 Apr. 1942 |
| Gun, 8-in., M1. Carriage, Gun, 8-in., M2. | 100, 100A | 1 Feb. 1944 |
| Gun, 8-in., Mk. VI, Mod. 3A2. Carriage, Gun, Barbette, 8-in., M1. | 67 | 18 Mar. 1944 |
| Gun, 8-in., MK VI, Mod. 3A2. Mount, Railway, Gun, 8-in., M1A1. | 18 | 15 Apr. 1942 |
| Gun, 12-in., M1895, M1895A1, M1895A2, M1895A3, M1895A4, M1895M1, M1895M1A1, M1895M1A2, M1895M1A3. Carriage, Barbette, 12-in., M1917. | 73, 73A | 14 Apr. 1944 |
| Gun, 16-in., M1919M11. Carriage, Barbette, 16-in., M1919. | 14, 14A | 15 Apr. 1942 |
| Gun, 16-in., MK II, M1. Carriage, Barbette, 16-in., M1919M1, M2, M3. | 74, 74A | 31 Aug. 1943 |
| Gun, 16-in., MK II, M1, Carriage, Barbette, 16-in., M4. | 78 | 4 Dec. 1943 |
| Gun, 16-in., MK II, M1. Carriage, Barbette, 16-in., M5. | 146, 146A | 28 Feb. 1944 |
| Half-Track, 81-mm Mortar Carrier, M4, M4A1, M21. | 23 | 18 Aug. 1944 |
| Half-Track Car, M9A1 (IHC). | 116 | 5 Apr. 1944 |
| Half-Track Personnel Carrier, M3, M3A1. | 22 | 18 Aug. 1944 |
| Half-Track Personnel Carrier, M5, M5A1. | 116 | 5 Apr. 1944 |
| Hand Generators (Radio) GN-35, 37, 44, 45, 53, 54 and 57. | 3050 | 1 Apr. 1944 |
| Heater, Asphalt, 2-Car and 3-Car, Gasoline (Cleaver-Brooks Model DS). | 1065 | 13 May 1943 |
| *Hoist, Diesel, Double-Drum, 6-Ton (Jaeger 2D3) with International Harvester UD-18 Engine). | 1078 | 30 Aug. 1944 |
| Hoist, Gasoline, Double-Drum, 4-Ton (Jaeger, Model 2A, Dixie Special). | 1075 | 1 Apr. 1944 |
| Howitzer, 105-mm, M2A1. Carriage, Howitzer, 105-mm, M2, M2A1, M2A2. | 5 | 7 Dec. 1943 |
| Howitzer, 105-mm, M3. Carriage, Howitzer, 105-mm, M3, M3A1. | 129 | 12 Mar. 1944 |
| Howitzer, 155-mm, M1918. Carriage, Howitzer, 155-mm, M-1918A3. | 65 | 28 Feb. 1944 |
| Howitzer, 155-mm, M1. Carriage, Howitzer, 155-mm, M1, M1A1. | 77 | 14 Jan. 1944 |
| Howitzer, 240-mm, M1918, M1918A1, M1918M1, M1918M-1A1. Carriage, Howitzer, 240-mm, M1918, M1918A1. | 69, 69A | 1 Jun. 1942 |
| Howitzer, 240-mm, M1918M1, M1918M1A1. Carriage, Howitzer, 240-mm, M1918A2. | 145, 145A | 7 Dec. 1943 |
| Howitzer, 240-mm, M1. Carriage, Howitzer 240-mm, M1. | 100, 100A | 1 Feb. 1944 |
| Howitzer, 8-in., M1. Carriage, Howitzer, 8-in., M1. | 70 | 3 May 1944 |
| Howitzer, Pack, 75-mm, M1, M1A1. Carriage, Howitzer, 75-mm, M3A1, M3A2, M3A3. | 76 | 2 Feb. 1944 |
| Howitzer, Pack, 75-mm, M1, M1A1. Carriage, Howitzer, 75-mm, M8. | 144 | 1 Feb. 1944 |
| Kettle, Asphalt Repair, Trailer-Mounted, with Motor Driven Hand Spray, 110 and 165 Gal. Capacity (Littleford Models US 66 and 84 HD 3). | 1084 | 19 Feb. 1944 |
| Landing Vehicle, Tracked (armored), Mk. I, LVT (A) (1). | 141 | 15 Jun. 1944 |

| TITLE | WDLO No. | DATE |
|---|---|---|
| **WAR DEPT. LUBRICATION ORDERS—Continued** | | |
| Landing Vehicle, Tracked (armored), Mk. IV, LVT (A) (4). | 159 | 20 Jul. 1944 |
| Landing Vehicle, Tracked (unarmored), Mk. II, LVT (2). | 141 | 15 Jun. 1944 |
| Landing Vehicle, Tracked (unarmored), Mk. IV, LVT (4). | 206 | 30 May 1944 |
| Limber, Carriage, Heavy, M2, M5 | 10<br>70 | 3 May 1944<br>3 May 1944 |
| *Loader, Aggregate, Bucket Crawler-Mounted, Gasoline, 3 cu. yd., 19-ft. 10-in., Boom or 17-ft. 4-in. Boom (Barber-Greene Models 82–AD or 8–AM). | 1061, 1061A | 15 Sep. 1944 |
| Mixer, Asphalt, Diesel (Barber-Greene Model 848). | 1062, 1062A | 20 May 1943 |
| *Mixer, Concrete, Gasoline, Trailer-Mounted, 7-Cu. Ft. (Koehring, Model 7SA–5). | 1053 | 30 Sep. 1944 |
| Mixer, Concrete, 14 cu. ft., Gasoline (Ransome Model 14–S–U). | 1036 | 17 Apr. 1943 |
| *Mixer, Asphalt, Gasoline Engine-Driven, Repair Plant, Semi-Trailer-Mounted, Pneumatic Tires, 15 to 30-TPH, Barber-Greene, Model 841. | 1067, 1067A | 20 Sep. 1944 |
| *Mixer, Rotary-Filled, Soil-Stabilization, Gasoline, Seft-Powered, Trailer-Mounted (Seaman, Model MHD–72, Chicago Fence, Model CF–72). | 1017 | 14 Jul. 1944 |
| Mixer, Rotary, Tiller, Soil Stabilization, Power Take-Off (Seaman Model ABT–48). | 1094 | 8 Dec. 1943 |
| *Mixer, Soil Preparation Unit, Gasoline, Semi-Trailer-Mounted, Pneumatic Tires, 20 to 40 TPH, (Barber-Greene, Model 821). | 1069, 1069A | 30 Sep. 1944 |
| Mortar, 12-in., M1890M1. Carriage, Mortar, 12-inch, M1896M1. | 15 | 15 Apr. 1942 |
| Mortar, 12-in., M1890M1. Carriage, Mortar, M1918 (Railway). | 17 | 15 Apr. 1942 |
| Oscillograph Equipment, 1E–14 (Sound Ranging Set GR–3). | 3040 | 1 Apr. 1944 |
| Paver, Concrete, Crawler-Mounted, 34-Cu. Ft. (Foote Model 34–E). | 1037, 1037A | 30 Sep. 1944 |
| Portable Flame Thrower M2–2. | 4001 | 5 May 1944 |
| Power Plant and Accessories for: Gun, 16-in., Mk. 11, M1; Carriage, Barbette, 16-in., M4, M5. | 201, 201A | 3 Apr. 1944 |
| Power Plant for 6-in. Gun Emplacements. | 99, 99A<br>205, 205A | 10 Feb. 1944<br>28 Mar. 1944 |
| Power Plant for 12-in. Gun Emplacements. | 73, 73A | 14 Apr. 1944 |
| Power Unit, Gasoline Driven, Trailer-Mounted 4-Steel Wheels, 120-140 HP. (Waukesha, Model 6 WAKU), for Crushing, Screening and Washing Plant, Gasoline, Pioneer. | 1106 | 1 Mar. 1944 |
| **Power Unit PE–49–D, F and G.** | 3007 | 24 Mar. 1944 |
| Power Unit PE–52–D, E, and F; Electric, 115 V. AC, 60 Cycle, Single Phase, 3 K. V. A. | 3045 | 1 Apr. 1944 |
| *Power Unit PE–63–H..... | 3201 | 19 Jun. 1944 |
| *Power Unit PE–74, 84, 137, 145. | 3024 | 20 May 1944 |
| Power Unit, PE–75, Electric, AC, 2½ K. W. | 3016 | 8 Mar. 1944 |
| Power Unit, PE–77..... | 3018 | 25 Mar. 1944 |
| Power Unit PE–95–A, B and C. | 3011 | 1 Apr. 1944 |
| Power Unit PE–95–E, G and H; Electric, AC, 5–10 K. W. | 3026 | 9 Mar. 1944 |
| Power Unit PE–99; Electric, 120 Volts, AC, 60 Cycles, 3-Phase, 7.5 K.V.A. | 4049 | 1 Apr. 1944 |
| Power Unit, PE–108..... | 3046 | 1 Apr. 1944 |
| *Power Unit PE–127–A & B... | 3056 | 10 May 1944 |
| Power Units PE–162 and PE–214A. | 3048 | 1 Apr. 1944 |
| *Power Unit PE–173 (Equipped with Engine Kit 602A–P2). | 3064 | 11 May 1944 |
| *Power Unit PE–183 & PU–26. | 3058 | 6 May 1944 |
| Power Unit PE–185–A and B. | 3017 | 29 Jan. 1944 |
| Power Unit PE–197..... | 3014 | 16 Mar. 1944 |
| *Power Unit PE–198..... | 3057 | 3 May 1944 |
| Power Unit, PE–201–A, B and C. | 3047 | 24 Mar. 1944 |
| *Power Unit PE–205–B & PE–207–B. | 3200 | 7 Jun. 1944 |
| *Power Unit PE–210, PE–214–B. | 3054 | 4 May 1944 |
| *Power Unit PE–254–A..... | 3061 | 1 May 1944 |
| *Power Unit PU–6/TPS–1.... | 3055 | 4 May 1944 |
| Power Unit PE–HC–43 through PE–HH–43 (Charging Set SCR–169). | 3052 | 23 Mar. 1944 |
| Power Unit PE–HJ–43 (Charging Set SCR–169). | 3053 | 23 Mar. 1944 |
| Power Unit PE–HJ–43 (Charging Set SCR–169). | 3051 | 21 Mar. 1944 |
| *Print Dryer PH–75 (PAKO Economy Dryer Model –SE). | 3804 | 17 Feb. 1944 |
| *Projector Equipment PH–398 & PH–398–A (RCA Models PG–200 & PG–200–A). | 3802 | 5 Apr. 1944 |
| Pump Asphalt, Trailer-Mounted with Distributor Attachments (Littleford Model 3–C). | 1066 | 15 Aug. 1944 |
| Pump, Centrifugal, Gasoline, Base-Mounted 2-in. Discharge, 55–GPM, 50-ft., Head (Jaeger, Carver and Red Jacket, Models 2APS–1). | 1085 | 7 Jan. 1944 |
| Pump, Centrifugal, Gasoline Engine-Driven, Base-Mounted, 2-in. Discharge, 166–GPM at 25-ft. Head (Novo, Model KH–2). | 1086 | 30 Mar. 1944 |
| Pump, Centrifugal, Gasoline Engine-Driven, Trailer-Mounted, 6-in. Discharge, 1000 gal. per minute at 80 ft. head, (Jaeger Model 6–PO) with Waukesha Model 6– | 1107 | 2 Mar. 1944 |

| TITLE | WDLO No. | DATE |
|---|---|---|
| **WAR DEPT. LUBRICATION ORDERS—Continued** | | |
| SPKR Engine, for Crushing, Screening and Washing Plant, Gasoline, Pioneer. | | |
| Pump, Deep Well, Gasoline Engine-driven, 30–GPM at 250-ft. Head (Peerless, Model 42). | 1079 | 20 May 1944 |
| Pump, Deep Well, Gasoline Engine-Driven, 60–GPM at 250-ft. Head (Peerless, Model 52). | 1091 | 4 Apr. 1944 |
| Recoil Fluid Guide, Antiaircraft and Field Artillery (37-mm to 75-mm inclusive, 3-in. to 240-mm inclusive). | 19 | 5 Feb. 1944 |
| Recoil Fluid Guide, Seacoast Artillery. | 59 | 21 Mar. 1944 |
| Reel Hand Axle RL–27..... | 3029 | 10 Dec. 1944 |
| Roller, Road, Gasoline, Tandem, 2-Axle, 2- to 2½-ton (Ferguson Model 151). | 1087 | 3 Feb. 1944 |
| Roller, Road, Gasoline, Tandem 2-Axle, 5-8 ton (Buffalo Springfield Model KT–16). | 1005 | 30 Jun. 1944 |
| Roller, Road, Gasoline, 3-Wheel, 10-ton (Galion, Model Chief). | 1022 | 30 May 1944 |
| Scout Car, M3A1..... | 20 | 7 Jan. 1944 |
| Scraper, Road, Motorized, Cable-Operated, 12-cu. yd. (Le Tourneau, Model Super "C" Turnapull with Model LP Carryall) (Cummins, Model HBID–600 Diesel Engine). | 1092 | 15 Jun. 1944 |
| Scraper, Road, Towed-Type, Hydraulic-Operated, 1½ Cu. Yd. (LaPlant-Choate Model CAB). | 1093 | 14 Jul. 1944 |
| Scrubber and Washer, Paddle-Type, Gasoline, Trailer-Mounted, 6-Steel Wheels, 80 to 100 TPH. (Model Log Washer) (For Crushing, Screening and Washing Plant, Gasoline, Pioneer). | 1105 | 1 Mar. 1944 |
| *Semi-trailer, Special, Drop-Frame, 25-ton Ponton (Trailer Co. of America, Fruehauf Trailer Co. and Electric Wheel Co., Model 1940. | 1051 | 15 Sep. 1944 |
| Semi-trailer, Special, Drop-Frame, 10-ton Ponton, (Trailer Co. of America Model 1938) Fruehauf Trailer Co., Model 1940. | 1055 | 31 Jul. 1944 |
| Shop, Engineer, Motorized, Aviation Battalion, Welding (Couse Type A). | 1028 | 24 Nov. 1943 |
| Shop, Engineer, Motorized, Aviation Battalion, Machine (Couse, Type B). | 1018, 1018A | 24 Nov. 1943 |
| Shovel, Crawler-Mounted, Gasoline, ⅜ and ½ Cu. Yd. (Link-Belt, Speeder Models LS–40 and LS–50). | 1006 | 15 Sep. 1943 |
| Shovel, Crawler-Mounted, Diesel, 2-cu. yd. (Thew Model Lorain 82). | 1021, 1021A, 1021B, 1021C | 1 Dec. 1943 |
| Shovel, Crawler-Mounted, Gasoline, ½ cu. yd. with Attachments (Bucyrus-Erie Model 15–B). | 1023, 1023A | 15 Sep. 1944 |
| Shovel, Power, Gasoline, ½ cu. yd. (Osgood, Type 20, (Model 200). | 1007, 1007A | 17 Mar. 1943 |
| Shovel, Crawler-Mounted, Gasoline, ¾ cu. yd. with Attachments (Buckeye Model 70). | 1038, 1038A, 1038B | 15 Jul. 1944 |
| Shovel, Power, Push, Tractor-Mounted, 1⅛ cu. yd. (Athey Mobiloader Model W4) Caterpillar Tractor Model D–4. | 1024 | 30 Nov. 1942 |
| Soils Preparation Unit, Gasoline (Barber-Greene Model 821). | 1069, 1069A | 2 Jul. 1943 |
| Spreader, Concrete, Gasoline, 20 ft. Width (Blaw-Knox Model SA). | 1088 | 28 Feb. 1944 |
| *Tank, Asphalt, Steel, Trailer-Mounted with Steam Coils 1500-Gal. (Littleford, Model 102–S). | 1039 | 29 Jul. 1944 |
| Tank, Asphalt, Steel, Truck-Mounted, with Heating Flues 800 Gal. (Rosco Model RMU). | 1076 | 1 Dec. 1943 |
| Tank, Light, M3A1, M3A3.... | 85 | 21 Dec. 1942 |
| Tank, Light, M5, M5A1..... | 81 | 16 Mar. 1944 |
| Tank, Light, T9E1..... | 88 | 21 Jan. 1944 |
| Tank, Light, T24..... | 153 | 15 Apr. 1944 |
| Tank, Medium, M3, M3A1, M3A2. | 32 | 19 May 1944 |
| Tank, Medium, M4, M4A1.... | 84 | 14 Mar. 1944 |
| Tank, Medium, M4A2 (75-mm Gun, Wet and Dry)..... | 119 | 13 Mar. 1944 |
| Tank, Medium, M4A3..... | 104 | 18 Mar. 1944 |
| Tank, Medium, M4A4..... | 107 | 1 Nov. 1943 |
| Tank, Medium, M4A6..... | 149 | 15 Apr. 1944 |
| Tank, Medium, T23..... | 151 | 24 Feb. 1944 |
| Tank, Medium, T25E1, T26E1. | 148 | 15 Apr. 1944 |
| Tank Transporter 40-ton, M25. | 138, 138A | 7 Jan. 1944 |
| Tank Recovery Vehicle, M31... | 80 | 10 Feb. 1944 |
| Tank Recovery Vehicle Equipment, M32 Series. | 152 | 26 May 1944 |
| *Tractor, Crawler-Type, Diesel with Angledozer (Caterpillar, Model D–4), LeTourneau C4 Angledozer and T4 Power Control Unit. | LO 5–3112 | 10 Oct. 1944 |
| Tractor, Crawler-Type, Diesel, with Angle-Dozer (Caterpillar Model D–8) LeTourneau CK8 Angle-Dozer, FD8 and R8 Power Control Units. | 1026 | 28 Jul. 1943 |
| Tractor, Crawler, Diesel, 70 to 90 DBHP, Standard (Caterpillar Model D7) 74-in. Gage, with LeTourneau WCK7 Angledozer FTD7 and R7 Power Control Units. | 1008, 1008A | 5 Jul. 1944 |
| Tractor, Crawler, Gasoline, 15 DBHP (Clark, Model CA–1 Clarkair). | 1047 | 7 Jan. 1944 |

| TITLE | WDLO No. | DATE |
|---|---|---|
| **WAR DEPT. LUBRICATION ORDERS—Continued** | | |
| *Tractor, Crawler, Gasoline, 35-DBHP (Caterpillar, Model R4, 44-In. Gage, with LeTourneau C-4 Angledozer and T-4 Power Control Unit, LeTourneau C-4 Angledozer and LeTourneau HN Power Control Unit with Hyster D4A Winch. | 1025 | 20 Sep. 1944 |
| Tractor, High-Speed, 13-ton, M5 (IHC). | 128 | 14 Mar. 1944 |
| Tractor, High-Speed, 18-ton, M4 (AC). | 122 | 26 Oct. 1943 |
| Tractor, High-Speed, 38-ton, M6 (AC). | 147 | 15 Mar. 1944 |
| Tractor, J. I. Case, Model, VA1 (Gas). | 6011 | 20 Jul. 1944 |
| Tractor, Snow, M7..... | 208 | 23 Mar. 1944 |
| Tractor, Warehouse (J. I. Case Model VA1W). | 6005 | 17 Jul. 1944 |
| Tractor, Warehouse (International Harvester Model I-4). | 6001 | 17 Jul. 1944 |
| Tractor, Warehouse (International Harvester Model I-6). | 6002 | 17 Jul. 1944 |
| Tractor, Clarktor-6 (Standard and Mill Models) (Clark Tructractor). | 6008 | 22 Jul. 1944 |
| *Tractor, (Wheeled), Case DI (Gasoline). | 6016 | 8 Aug. 1944 |
| *Tractor (Wheeled), Case LAI (Gasoline). | 6017 | 12 Aug. 1944 |
| *Tractor (Wheeled), Case LAI (Gasoline) (with Air Brakes & Gar Wood Winch). | 6017A | 12 Aug. 1944 |
| Tractor, Wheeled, Gasoline (Case, Model D1). | 1027 | 17 Mar. 1943 |
| *Tractor, Wheeled, Rubber-Tired, Gasoline, 30-DBHP, Standard (International, Model I-6.) | 1010 | 18 Sep. 1944 |
| Tractor, Wheeled, Rubber-Tired, Gasoline, 40-DBHP, Standard (Case Model LAI). | 1029 | 24 Nov. 1943 |
| Tractor, Wheeled, Rubber-Tired, Gasoline, 23-DBHP, (Case, Model SI Airborne) Loader, Bucket, Tractor-Mounting, Hydraulic-Operated (Hough, Model SI). | 1043 | 1 Sep. 1944 |
| *Tractor (Wheeled) Warehouse, International Harvester I-9 (Gasoline). | 6003 | 21 Jul. 1944 |
| *Tractor (Wheeled) Warehouse, International Harvester I-9 (Gasoline), (with Capstan Winch, Gar Wood 636E. | 6039 | 21 Jul. 1944 |
| Trailer, Bomb, M5..... | 25 | 1 Oct. 1943 |
| Trailer, Full, Low-Bed, 16-ton (C. R. Jahn Model LKD-616, Steel Products Model XBBM, LaCrosse, Model DF6-16, and Rogers Model H-16-L-C). | 1046 | 17 Feb. 1944 |
| Trailer, Generator, M7..... | 155 | 1 Jun. 1944 |
| Trailer, Mount, Multiple Cal. .50 Machine Gun, M55. | 162 | 4 Jul. 1944 |
| Trailer, Snow, 1 ton, M19..... | 208 | 23 Mar. 1944 |

| TITLE | WDLO No. | DATE |
|---|---|---|
| *Trailer, Special Tandam, 7 to 14-Ton, 4DT, (Eidal, Model EL-30). | 1130 | 14 Jun. 1944 |
| *Trailer, 2-Wheel, Special 1¼-Ton, Arc Welder (Electric Wheel, Model D-1752-5). | 1032 | 1 Sep. 1944 |
| Trailer, 1 ton, Two-Wheel..... | {522<br>{511 | 20 Jan. 1944<br>26 Jan. 1944 |
| Trailer, 2-Wheel, Special, Pole-Type, Flat-Bed Quick-Way, Shovel Attachments, (Timpte, Model QWT-8). | 1002, 1002A | 24 Nov. 1943 |
| Trailer, 4-Wheel, all models.... | {521<br>{513 | 6 Jan. 1944<br>1 Oct. 1943 |
| Trailer, M15 (Trailer for 40-Ton, Tank, Transporter, M25). | 138, 138A | 7 Jan. 1944 |
| Transceiver, Facsimile, FX-1 and FX-1B. | 3038 | 1 Apr. 1944 |
| Truck, 1½-Ton, 4 x 4, Telephone Maintenance (K-43) (Chevrolet G-7173); Telephone Earth Borer (K-44) (Chevrolet G-7163). | 519 | 8 Aug. 1944 |
| Truck, Amphibian, 2½-ton, 6 x 6 (GMC DUKW-353). | 505 | 8 Jun. 1944 |
| Truck, Bomb Lift, M22..... | 124 | 12 Feb. 1944 |
| Truck, Bomb Lift, M1..... | 56 | 7 Jan. 1944 |
| *Truck, Bomb Service, M6 (Chevrolet). | 56 | 7 Jan. 1945 |
| Truck, Bomb Service, M27..... | 547 | 23 Jun. 1944 |
| Truck, Fork Lift; Clark "Utilitruc" & "Carloader"; Cleveland "6000" (Gas). | 6010 | 29 Jul. 1944 |
| Truck, Fork Lift; Clark "Planeloader" (Gas). | 6009 | 20 Jul. 1944 |
| Truck, Fork Lift, Clark Tructractor Co. Medal Clipper (Gasoline). | 6015 | 1 Aug. 1944 |
| Truck, Fork Lift; Towmotor, LI-46, LT-50, LT-53, LT-56, LT-62 and LT-72 (Gasoline). | 6006 | 31 Jul. 1944 |
| Truck, Fork Lift; Mobilift Model TAW (GAS), (Vaughan Motor Company). | 6004 | 22 Jun. 1944 |
| *Truck, Fork Lift, Ross Carrier 15HT and 19HT (Gasoline). | 6013 | 28 Jul. 1944 |
| *Truck, Fork Lift, Ross Carrier 18HT (Gasoline). | 6012 | 28 Jul. 1944 |
| *Truck, Fork Lift, Towmotor LT-40 & LT-44 (Gasoline). | 6007 | 8 Aug. 1944 |
| Truck Mounted Crane, M2..... | 135, 135A | 1 Oct. 1943 |
| Trucks, Ordnance Maintenance, 2½-ton, 6 x 6 (Repair, Tool and Bench, Spare Parts, etc.): | | |
| 2½-ton, 6 x 6, GMC Chassis. | 504 | 25 Mar. 1944 |
| 2½-ton, 6 x 6, Studebaker Chassis. | 515 | 8 Jun. 1944 |
| Truck, Tractor, M26, (Truck for 40-ton, Tank Transporter, M25). | 138, 138A | 7 Jan. 1944 |
| Truck, Trailer, 40-ton, Tank Transporter, M25. | 138, 138A | 7 Jan. 1944 |
| Truck, Wrecking, Heavy, M1 (Ward LaFrance, Series 1) (Crane, Gar Wood). | 24 | 1 Feb. 1944 |

| TITLE | WDLO No. | DATE |
|---|---|---|
| **WAR DEPT. LUBRICATION ORDERS—Continued** | | |
| Truck, Wrecking, Heavy, M1 (Ward LaFrance, Series 2) (Crane, Gar Wood). | 82 | 1 Dec. 1943 |
| Truck, Wrecking, Heavy, M1 (Ward LaFrance, Series 5) (Crane, Gar Wood). | 544, 544A | 11 Dec. 1943 |
| Truck, ¼-ton, 4 x 4, (Ford-Willys). | 501 | 23 Jun. 1944 |
| Truck, ½-ton, 4 x 2 (Dodge).. | 542 | 28 Dec. 1943 |
| Truck, ½-ton, 4 x 2 (Ford).... | 541 | 6 Apr. 1944 |
| Truck, ½-ton, 4 x 4 (Dodge).. | 512 | 28 Dec. 1943 |
| Truck, ½-ton and ¾-ton, 4 x 2 (Chevrolet). | 539 | 24 Jun. 1944 |
| Truck, ¾-ton, 4 x 4 (Dodge)... | 508 | 14 Mar. 1944 |
| Truck, 1½-ton, 4 x 2 (Chevrolet). | 536 | 1 Feb. 1944 |
| Truck, 1½-ton, 4 x 2 (Dodge).. | 535 | 22 Dec. 1943 |
| Truck, 1½-ton, 4 x 2 (Ford)... | 532 | 2 May 1944 |
| Truck, 1½-ton, 4 x 4 (Ford GTB). | 511 | 26 Jan. 1944 |
| Truck, 1½-ton, 4 x 4 (Chevrolet). | 503 | 2 May 1944 |
| Truck, 1½ to 3-ton, 4 x 4, GMC, Model AFKX-352 (LeRoi Model 105-GA Compressor). | 1013 | 19 Jan. 1943 |
| Truck, 1½-ton, 6 x 6 (Dodge).. | 522 | 20 Jan. 1944 |
| Truck, 2½-ton, 4 x 2 (Federal). | 531 | 30 Jul. 1943 |
| Truck, 2½-ton, 4 x 2 (2dt) (IHC). | 533 | 16 Dec. 1943 |
| Truck, 2½-ton, 6 x 4 (GMC Model COW-353). | 538 | 7 Feb. 1944 |
| Truck, 2½-ton, 6 x 4, Cargo (Studebaker). | 526 | 3 May 1944 |
| Truck, 2½-ton, 6 x 6, Cargo (Studebaker, Reo). | 515 | 8 Jun. 1944 |
| Truck, 2½-ton, 6 x 6 (GMC AFKWX-353 COE). | 537 | 27 Jun. 1944 |
| Truck, 2½-ton, 6 x 6, GMC, Model CCKW-353 (LeRoi Model 105-GA Compressor). | 1014 | 15 Nov. 1942 |
| Truck, 2½-ton, 6 x 6 (GMC Models CCKW-352 and CCKW-353). | 504 | 25 Mar. 1944 |
| Truck, 4-ton, 4 x 4 (FWD Har-1). | 524 | 20 May 1943 |
| Truck, 4-ton, 6 x 6 (Diamond T). | 507 | 6 Jun. 1944 |
| Truck, 4-5 ton, 4 x 4, COE, Tractor (Federal Model 94 x 43C). | 509 | 2 May 1944 |
| Truck, 4-5 ton, 4 x 4, COE, Tractor (Autocar U-7144-T). | 502 | 24 Apr. 1944 |
| Truck, 5-Ton, 4 x 2 (Mack EH). | 546 | 8 Aug. 1944 |
| Truck, 5-ton, 4 x 2, Tractor (IHC Models H-542-9, H-542-11) (Marmon-Herrington and Kenworth Models H-542-11). | 543 | 1 Apr. 1944 |
| Truck, 5-ton, 4 x 2 (IHC Model KR-11). | 534 | 3 Jun. 1944 |
| Truck, 5-6 ton, 4 x 4, COE, Tractor (Autocar U-8144, U-8144-T). | 525 | 4 Dec. 1943 |
| Truck, 6-ton, 6 x 6 (Brockway). | 518 | 13 May 1944 |
| Truck, 6-ton, 6 x 6 (Corbitt).. | 521 | 6 Jan. 1944 |
| Truck, 6-ton, 6 x 6 (Mack Model NM). | 517 | 4 May 1944 |
| Truck, 6-ton, 6 x 6 (White).... | 506 | 6 Jan. 1944 |
| Truck, 7½-ton, 6 x 6 (Mack).. | 513 | 1 Oct. 1943 |
| Truck, 10-Ton, 6 x 4, Cargo (Mack Model NR). | 523 | 12 Jun. 1944 |
| Truck, 10-ton, 6 x 4, Diesel, Prime-Mover and General Service Load Carrier (White 1064). | 520 | 28 Jun. 1944 |
| Truck, 12-ton, 6 x 4, M20 (Diamond T Model 980, 981) (Tractor for 45-ton Tank Transporter, M19). | 160 | 12 Apr. 1944 |
| Truck, 20-ton, 6 x 4, Diesel Tractor (Federal Model 604). | 516 | 10 Jun. 1944 |
| *Unit Engine Generator GMC 3-71 & 6-71. | 7027 | 26 Aug. 1944 |
| *Unit Engine Generator GMC 3-268A. | 7028 | 26 Aug. 1944 |
| Unit, Generating, M5 and M6. | 120 | 12 Feb. 1944 |
| Unit, Generating, M7..... | 121 | 21 Mar. 1944 |
| Unit, Generating, M18..... | 155 | 1 Jun. 1944 |
| Vehicle, Landing, Tracked (armored), Mk. I, LVT (A) (1). | 141 | 15 Jun. 1944 |
| Vehicle, Landing, Tracked (armored), Mk. II, LVT (A) (2). | 141 | 15 Jun. 1944 |
| Vehicle, Landing, Tracked (armored), Mk. IV, LVT (A) (4). | 159 | 20 Jul. 1944 |
| Vehicle, Landing, Tracked (unarmored), Mk. II, LVT (2). | 141 | 15 Jun. 1944 |
| Vehicle, Landing, Tracked (unarmored), Mk. IV, LVT (4). | 206 | 30 May 1944 |
| Vehicle, Tank Recovery, M31.. | 80 | 10 Feb. 1944 |
| Vehicle, Tank Recovery Equipment, M32 Series. | 152 | 26 May 1944 |
| Wagon, Transport, Cannon, M1, M1A1, M2A1. | 100, 100A | 1 Feb. 1944 |
| Wagon, Transport, Cannon, M4. | 145, 145A | 7 Dec. 1943 |
| Wagon, Transport, Carriage, M3, M3A1. | 100, 100A | 1 Feb. 1944 |
| Water Purification Unit, Mobile, 75-GPM. Gasoline (Wallace and Tierman, Model 1940). | 1019 | 4 Sep. 1943 |
| Water Purification Unit, Gasoline Engine-Driven, Portable 15-GPM. (Wallace and Tierman Model 1940). | 1089 | 1 May 1944 |
| *Welder, Electric Arc, Gasoline 300-Amp. (Hobart Models GR-300P or GR-300S). | 1048 | 1 Sep. 1944 |
| Well Drilling Machine, Percussion, Skid-Mounted, Gasoline (Star Model No. 71). | 1044 | 30 Sep. 1943 |
| X-Ray Processing Unit, Field... | LO 8-629 | 14 Oct. 1944 |

# SECTION VII

# SUPERSESSIONS AND RESCISSIONS

The following publications were listed as rescinded in error.

| TB | |
|---|---|
| ORD 17 | 11 Nov. 1942 |
| ORD 64 | 15 Mar. 1944 |
| ORD 850–9 | 5 Feb. 1943 |
| ORD 1245–2 | 5 Feb. 1943 |
| ORD 1307–1 | 5 Feb. 1943 |
| ORD 1325–1 | 5 Feb. 1943 |

The following technical manuals will not be reprinted, since material covered by them has been declared obsolete. Since, however, some of the obsolete material will be in use for an indefinite period, no rescissions notices will be published. This notice is for information only.

TM
9–725
9–726
9–730–C
9–732A
9–740
9–742
9–1705–C
9–1726B
9–1726F
9–1727
9–1731
9–1750E
9–1763

## 35. WAR DEPARTMENT PUBLICATIONS.

| NUMBER | DATE AND REMARKS |
|---|---|
| **FIELD MANUALS** | |
| FM | |
| 5–55 and C 1 | Rescinded. |
| 6–65 and C 1 | do. |
| **TECHNICAL BULLETINS** | |
| TB | |
| CW 1 ....1 Dec. 1943 | Superseded by TB CW 16, dated 16 Sep. 1944. |
| CW 5 ....Apr. 1944 | Superseded by TB CW 16, dated 16 Sep. 1944. |
| 9–225–15 ....11 Jan. 1944 | Superseded by TM 9–225, dated 15 Dec. 43. |
| 9–226–9 ....11 May 1944 | Superseded by C 1, TM 9–226, dated 9 Sep. 1944. |
| 9–227–7 ....11 Aug. 1944 | Superseded by C 1, TM 9–227, dated 9 Nov. 1944. |
| 9–294–2 ....11 Jan 1944 | Superseded by C 1, TM 9–294, dated 2 Jun. 1944. |
| 9–303–1 ....22 May 1944 | Superseded by TM 9–303, dated 25 Apr. 1944. |
| 9–312–1 ....6 Jun. 1944 | Superseded by TM 9–312, dated 16 Nov. 1944. |
| 9–320–4 ....21 Dec. 1943 | Obsolete. |
| 9–325–5 ....1 Nov. 1943 | Superseded by TM 9–325, dated 19 Aug. 1944. |
| 9–325–7 ....21 Dec. 1943 | Superseded by TM 9–325, dated 19 Aug. 1944. |
| 9–330–3 ....14 Feb. 1944 | Superseded by TM 9–330 dated 18 May 1944. |
| 9–331–1 ....5 Jun. 1944 | Superseded by TM 9–331 dated 22 Nov. 1943. |
| 9–463–1 ....25 May 1942 | Obsolete. |
| 9–803–4 ....5 Jan. 1944 | Superseded by TM 9–803 dated 22 Feb. 1944. |
| 9–855–1 ....21 Mar. 1944 | Superseded by TM 9–855 dated 17 Aug. 1944. |
| 9–1205–1 ....14 Feb. 1944 | Superseded by TM 9–1205, dated 7 Aug. 1944. |
| 9–1205–3 ....13 May 1942 | Superseded by TM 9–1205, dated 7 Aug. 1944. |
| 9–1280–1 ....14 Feb. 1944 | Obsolete. |
| 9–1624–1 ....1 Aug. 1942 | Superseded by TM 9–1624, dated 7 Sep. 1944. |
| 9–1671B–1 ....18 Jan. 1944 | Superseded by TM 9–1671B, dated 13 Jul. 1944. |
| 9–1901–1 ....20 Mar. 1944 | Superseded by TM 9–1901, dated 29 Jun. 1944. |
| 9–1901–2 ....25 May 1944 | Do. |
| 9–1901–3 ....28 Jun. 1944 | Do. |
| 9–1940–4 ....24 Jan. 1944 | Superseded by C 1, TM 9–1940, dated 7 Aug. 1944. |
| 9–1940–5 ....24 Feb. 1944 | Superseded by C 1, TM 9–1940, dated 7 Aug. 1944. |
| 9–2835–7 ....27 Mar. 1944 | Superseded by TB 9–2835–8, dated 16 Nov. 1944. |
| ORD 15 ....17 Jan. 1944 | Superseded by TM's 9–225, dated 15 Dec. 1943; C 1, TM 9–226, dated 9 Sep. 1944; C 4, TM 9–1225, dated 6 Apr. 1944. |
| ORD 34 ....16 Feb. 1944 | Superseded by TM 9–1270, dated 20 Jan. 1944. |
| ORD 36 ....16 Feb. 1944 | Superseded by TM 9–225, dated 15 Dec. 1943. |
| ORD 79 ....15 Mar. 1944 | Superseded by TB ORD 87, dated 4 May 1944. |
| ORD 87 ....4 May 1944 | Superseded by TB ORD 208, dated 28 Sep. 1944. |
| ORD 99 ....22 May 1944 | Superseded by TB ORD 208, dated 28 Sep. 1944 |
| ORD 109 ....14 Jan. 1944 | Superseded by TM's 9–328, dated 30 Dec. 1943, and TM 9–331, dated 22 Nov. 1943. |
| ORD 117 ....3 Jul. 1944 | Rescinded. |
| ORD 129 ....27 Jul. 1944 | Superseded by TB ORD 229, 5 Dec. 1944. |
| 23–5–5 ....16 Feb. 1944 | Superseded by TB 23–5–6, dated 5 Jun. 1944. |
| 23–36–2 ....4 Jan. 1944 | Superseded by TB 23–36–3, dated 6 Nov. 1944. |
| 23–85–4 ....1 Feb. 1944 | Superseded by C 3, FM 23–85, dated 20 Feb. 1944. |
| 23–85–5 ....8 May 1944 | Superseded by C 4, FM 23–85, dated 17 Nov. 1944. |
| 23–85–6 ....26 Jul. 1944 | Superseded by TB 23–85–7, dated 14 Oct. 1944. |

| NUMBER | DATE AND REMARKS |
|---|---|

**TECHNICAL BULLETINS—Continued**

TB

| | | |
|---|---|---|
| 11-330-1 | 2 Aug. 1944 | Superseded by C 1, TM 11-330, dated Dec. 1944. |
| 11-361-1 | 26 Apr. 1944 | Superseded by C 3, TM 11-361, dated 28 Jul. 1944. |
| SIG 9 | 17 Feb. 1944 | Superseded by TM 11-750, dated 26 Oct. 1944. |
| SIG 27 | 21 Apr. 1944 | Superseded by TB SIG 148, dated Dec. 1944. |
| SIG 38 and C1 | 8 May 1944 | Superseded by TB SIG 114, dated 26 Dec. 1944. |
| SIG 84 | 17 Aug. 1944 | Superseded by TB SIG 143, dated Dec. 1944. |

**TECHNICAL MANUALS**

TM

| | | |
|---|---|---|
| 5-4348 | | Obsolete |
| 5-5320 | | Rescinded |
| 5-5324 | | Rescinded |
| 5-5336 | | Rescinded |
| 5-5338 | | Rescinded |
| 5-5340 | | Rescinded |
| 5-5402 | 5 Oct. 1943 | Rescinded |
| 9-204 | 11 Aug. 1943 | Rescinded |
| 10-350 and C1 | 12 Dec. 1942 | Superseded by TM 10-355, dated 1 December 1944. |
| 10-1148 | 28 Aug. 1941 | Rescinded |
| 10-1220 | 22 Sep. 1941 | Rescinded |
| 10-1233 | 26 Sep. 1941 | Rescinded |

## 36. TECHNICAL SERVICE PUBLICATIONS
### ORDNANCE

OFSTB

| | | |
|---|---|---|
| 23-00-1 | 31 Dec. 1942 | Superseded by pertinent TM's. |
| 23-7-3 | 20 Aug. 1943 | Superseded by FM 23-7, dated 23 April 1944. |
| 23-41-3 | 16 June 1943 | Obsolete. |
| 23-45-1 | 16 July 1942 | Superseded by FM 23-45, dated 12 April 1943. |
| 23-45-2 | 14 July 1942 | Obsolete |
| 23-50-1 | 16 July 1942 | Superseded by FM 23-50, dated 12 August 1942. |
| 23-55-2 | 16 July 1942 | Superseded by TM 9-1205, dated 7 August 1944. |
| 23-60-4 | 14 July 1942 | Obsolete |
| 23-65-3 | 30 June 1943 | Superseded by TM 9-225, dated 15 December 1943 and TM 9-226, dated 2 August 1943. |
| 23-80-1 | | Rescinded |
| 23-85-2 | 13 Aug. 1942 | Superseded by FM 23-85, dated 28 November 1942. |
| 23-85-3 | 1 Jan. 1943 | Superseded by C3, FM 23-85, dated 20 February 1944. |
| 200-8 | 16 Nov. 1942 | Obsolete |
| 200-9 | 31 Dec. 1942 | Superseded by pertinent TM's. |
| 200-11 | 16 June 1943 | Obsolete |
| 204-1 | 1 Jan. 1942 | Superseded by TM 9-1205, dated 7 August 1944. |

| NUMBER | DATE AND REMARKS |
|---|---|

OFSTB

| | | |
|---|---|---|
| 226-8 | 6 Nov. 1943 | Superseded by C1, TM 9-226, dated 9 September 1944. |
| 235-4 | 28 Sept. 1942 | Superseded by TM 9-616, dated 23 December 1943. |
| 252-2 | 28 Sept. 1942 | Superseded by TM 9-616, dated 23 December 1943. |
| 270-1 | 30 Sept. 1943 | Information no longer applies. |
| 304-2 | 1 Jan. 1942 | Superseded by TM's 9-623, dated 5 November 1943 and 9-624, dated 27 November 1943. |
| 320-3 | 25 Oct. 1943 | Superseded by TB 9-320-4, dated 21 December 1943. |
| 325-5 | 1 Nov. 1943 | Superseded by TM 9-325, dated 19 August 1944. |
| 330-3 | 19 Feb. 1942 | Superseded by TM 9-330, dated 18 May 1944. |
| 463-1 | 25 May 1942 | Obsolete. |
| 725-6 | | Rescinded. |
| 900-1 | 1 Jan. 1942 | Information now in pertinent parts of ASF Catalog-ORD. |
| 1205-1 | 24 April 1942 | Superseded by TM 9-1205, dated 7 August 1944. |
| 1205-3 | 13 May 1942 | Superseded by TM 9-1205, dated 7 August 1944. |
| 1211-1 | 30 Sept. 1942 | Obsolete. |
| 1215-1 | 1 June 1942 | Obsolete. |
| 1270-3 | 15 Nov. 1943 | Rescinded. |
| 1275-4 | 10 Feb. 1943 | Superseded by FM 23-5, dated 30 July 1943. |
| 1275-5 | 28 June 1943 | Superseded by FM 23-5, dated 30 July 1943. |
| 1280-1 | 1 Jan. 1942 | Obsolete. |
| 1345-1 | 1 Jan. 1942 | Obsolete. |
| 1370-1 | 15 May 1942 | Superseded by TM's 9-1370A and 9-1370B, dated 30 September 1942. |
| 1500-1 | 1 July 1942 | Obsolete. |
| 1500-2 | 13 July 1942 | Obsolete. |
| 1600-2 | 1 Jan. 1942 | Superseded by TM 9-1654, dated 10 October 1942. |
| 1624-1 | 1 Aug. 1942 | Superseded by TM 9-1624, dated 7 September 1944. |
| 1649-1 | 1 Sept. 1942 | Superseded by TM's 9-649, dated 15 June 1944 and 9-1649, dated 7 October 1943. |
| 1900-8 | 7 Nov. 1942 | Obsolete. |
| 1900-14 | 3 April 1943 | Superseded by C2, TM 9-1990, dated 7 June 1943. |
| 1985-1 | 7 Nov. 1942 | Obsolete. |
| 1990-2 | 7 Nov. 1942 | Obsolete. |
| 1990-3 | 3 April 1943 | Superseded by C2, TM 9-1990, dated 7 June 1943. |
| 2600-1 | 1 Jan. 1942 | Superseded by TM's 9-623, dated 5 November 1943 and 9-624, dated 27 November 1943. |
| 2900-1 | 1 Jan. 1942 | Superseded by TM 9-1900, dated 3 July 1942. |

# SECTION VIII

# INDEX

All publications pertaining to one piece of equipment are listed under the standard nomenclature. As far as possible, items of equipment are listed in this index under standard nomenclature; parts of large assemblies are listed only when a publication deals specifically with them.


ABBREVIATIONS, Military .....FM 21-30
ABSORBERS, Shock, Sealed Type Monroe, Reclamation .....TB 9-2830-52
ACCESSORIES, ENGINE:
Carrier, Cargo, Light.....TM 9-1893A
Tanks, Medium, M3 and M4 (Wright R975-EC2) .....TM 9-1750D
Tractor—
Heavy, M1 (Allis-Chalmers HD-10w) .....TM 9-1787B
Medium, M1 (AC-HD-7W) TM 9-1783B
M5, Crane, 2-Ton.....TM 9-1781A
Trucks—
¼-Ton, 4 x 4, (Willys-Overland MB and Ford GPW).....TM 9-1803A
1½-Ton, 4 x 2, (Ford)....TM 9-1806A
2½ to 4 Ton, 4 x 4, HAR-1..... TM 9-1815A
10-Ton, 6 x 4, (Mack)....TM 9-1818A
ACCIDENTS, Small Arms.....TM 9-2210
ACCOUNTING:
Contracts—
Fixed-Price .....TM 14-911
Termination .....TM 14-320 14-1005
Fiscal, Field Installations.....TM 14-702
Funds—
Public .....TM 14-210
Welfare, Non-Appropriated.TM 14-708
ACCOUNTS, Project Explanation....TM 14-707
ACETYLENE TETRACHLORIDE: Determining Serviceability ..... TB 3-270-3S5
ADAPTER-BOOSTER, M117 .....TB 9-1980-3
ADAPTERS:
Blackout, M-874 .....TB SIG 120
Expedient, Steel Treadways....TB 5-272-4
E6R2, Bomb Clusters Using.TB CW 16
E23 ..... TB CW 19
FT-384-A .....TM 11-2508
Grenade Protection, Chemical, T2 .....TB ORD 114
M-418 .....TB SIG 122
Plug U-4/GT .....TB SIG 61
Ponton Bow .....TB 5-273-2
Priming M1, M1A1.....TB 5-25-3
Lubricating—Thin Stem, Availability.... .....TB ORD 218
Panoramic, BC-1031-A, BC-1032-A..... .....TM 11-446
ADDITIVES: Use in Motor Fuels, Engine Oils, and Gear Lubricants .....TB 9-850-16
ADJUSTMENT:
Personal, enlisted men.....TB MED 21
Personnel .....TB MED 12
ADMINISTRATION:
Adjutant General, Division.....TM 12-220
Finance .....TM 12-250
Military .....FM 100-10
Procedures .....TM 12-255
Veterinary .....TM 8-450
AERIAL GUNNERY: See Gunnery
AERIAL PHOTOGRAPHY: See Photography, Aerial
AERODYNAMICS .....TM 1-320
AEROGRAPH: Equipment.....TM 11-2407
AEROSTATICS .....TM 1-325
AGENTS: Anesthetic .....TB MED 43
AGITATORS:
All Types, Technical Data....TB 5-9720-7
Paint, Air, Motor Driven, 939A, Binks .....TM 5-9326
Pneumatic, for Attachment to 55-Gal Drum, Binks, 939A.....TM 5-9326
AIDS:
Instructional Text:
For TM 11-466 .....TB 11-466-1
For TM 11-467.....TB 11-467-1
Blackout Driving .....TB ENG 51
Training .....FM 21-8, TC 36
AIMING CIRCLES: See Circles
AIR:
Attack .....FM 1-10
Bombardment .....TC 81, 1942
Brake Systems, FA Matériel...TB ORD 113
Communication—
Signal .....FM 1-45
Combined Operating.....FM 24-13
Defense .....FM 1-25
Establishments, Chemical Defense..... ..... TC 31, 69, 1942
Fighting .....FM 1-15
Forces—
Orders, Combat .....FM 1-75
Reference Data .....FM 1-55
Reviews and Inspections.....FM 1-60
Service Center .....FM 1-195
Squadrons, Liaison .....TC 45, 1944
Use .....FM 100-20
Intelligence .....FM 1-40
Navigation .....FM 1-30
Observation, FA.....TC 131, 1943
Power, Command and Employment..... ..... FM 100-20
Reconnaissance and Observation...FM 1-20
Support, Ground Forces.....FM 31-35
AIRBORNE:
Troops .....FM 31-30, TC 113, 1943
AIR CONDITIONERS: MX-31A/MP, MX-31B/MP .....TB SIG 60
AIRCRAFT:
Armament .....TM 1-409
Cameras .....TM 1-505
Camouflage, ground.....FM 5-20E
Chemical Spraying.....TM 1-282
Depth Charge, 250-Lb., MK. VIII (British) .....TB ORD 124
Destruction .....TC 102, 123, 1943
Electrical Systems.....TM 1-406
Engines .....TM 1-405
Power Plant.....TM 1-408
Equipment .....TM 1-416
Fabric Work and Application of Finishes .....TM 1-417
Fabrics and Clothing.....TM 1-440
Flight Theory.....TM 1-400
Fuel and Oil Systems.....TM 1-407
Hardware .....TM 1-424
Instruments .....TM 1-418
Mine, Mh 12 (Navy).....TB 9-1975-2
Propellers .....TM 1-412
Radio Equipment .....TM 1-472
Recognition .....FM 21-60, 30-30
Sheet Metal Work.....TM 1-435
Synchronizing Equipment.....TM 1-510
Warning Service.....FM 11-25
Woodwork .....TM 1-414
AIRDROMES:
Camouflage .....FM 5-20E
Defense .....FM 1-26
Earthworks, Plotting.....TB ENG 18
AIRFIELDS:
Concealment .....TM 5-266
Construction .....FM 5-10
AIRPLANE:
Crash Fire Fighting.....TM 5-316
Hangar, Steel, Sheet Covered, 130-ft. and 160-ft. .....TM 5-9726
Landing Mats, Steel and Wood.TB 5-255-1
Targets .....TM 20-300
AIRPLANES
Aerodynamics .....TM 1-320
Aerostatics .....TM 1-325
Hydraulic Systems.....TM 1-411
Inspection Guide .....TM 1-415
Power Plant.....TM 1-404
Structures .....TM 1-410
ALIGNMENT, Equipment, ME-73...TM 11-313
ALLOWANCES, Travel, WD Personnel..... ..... TM 14-503
AMBULANCES, ¾-Ton, 4 x 2 (Packard, 1941-42) .....LO No. 530
AMMETERS, D.C., Reclamation..TB 9-2830-35
AMMUDAMP, Installation .....TB ORD 197
AMMUNITION:
Aircraft .....TM 1-409
Artillery .....TM 9-1901
Coast .....TM 4-205
Bags .....TC 83, 1943
Boxes, 20-mm.....TB 9-1901-3
Company, Ordnance.....FM 9-20
Destructors .....TB ORD 51
Dummy, Storage.....TB 9-1900-19
General .....TM 9-1900, 9-2010
Gun—
20-mm, Automatic, Aircraft..... ..... TB ORD 137
8-in., M1.....TB 9-336-1
Inspection Guide.....TM 9-1904
Loaded, Repair .....TB 9-1905-1
Mines, Submarine.....TB 9-1900-13
Mortars—
60 mm .....TB 9-1985-2
60-mm, M2.....TB 23-85-4
60-mm and 81-mm.....TB ORD 7
Performance Ballistic Data....TM 9-1907
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I-147, I-156, & I-168.....TM 11-1128
I-178 and I-178-A.....TM 11-1651, TB 11-1051-1
CAMERAS:
Copying, Rutherford, 24x30-in...TM 5-6006
Equipment, PH-515/MF.....TM 11-2360
Field, Process—
Lanston Monotype Co. (General)... .....TM 5-6128
Lanston Monotype, 24x24-in..... .....TM 5-6000, 5-6040
No. 52C, Progressive Promotions... .....TM 5-6048
Machine Gun, Aircraft.....TM 1-505
Vertical Projection, Portable—
Beattie, Field, 52-C....TM 5-6048
Huebner, 10x10-in. ....TM 5-6050
CAMOUFLAGE:
Aircraft on the Ground.....FM 5-20E
Airdromes .....FM 5-20E
Antiaircraft Artillery .....FM 5-20F
Artificial Materials .....FM 5-20H
Basic Principles .....FM 5-20
Bivouacs .....FM 5-20C
Command Posts .....FM 5-20C
Field Artillery .....FM 5-20D, TC 60, 1941
Fortifications, Seacoast .....TM 5-265
General .....TM 5-267
Guns .....TC 91, 1942
Individuals .....FM 5-20A, TB ENG 50
Infantry Weapons .....FM 5-20A
Manufacturing Techniques .....FM 5-20H
Materials .....TM 5-269
Medical Installations .....FM 5-20C
Natural Materials .....FM 5-20H
Radio Sets SCR, 536-A, B, C, D.TB 11-235-2
Recoil Slide Surface .....TB ORD 1
Supply Points .....FM 5-20C
Tools and Equipment.....FM 5-20H
Vehicles .....FM 5-20B, TC 91, 1942
CAMSHAFTS, Brake, Air Reclamation..... .....TB 9-2830-13
CANISTERS:
Ammonia, M7 .....TB 3-205-4
Cartridge, 57-mm, T17.....TB ORD 226
HCN, M2 .....TB 3-205-2
Lightweight, Service, Auxiliary (CO), M1 and M2 .....TB 3-205-1

**CANNON, Company, Infantry Regiment.FM 7-37**
CAPACITORS:
Dual Electrolytic—
C-108-109 .....TB 11-281-2
C-111-115 .....TB 11-281-2
C-112-113 .....TB 11-281-2
Electrolytic, Replacement ....TB 11-281-2
High-Voltage, Relocation.....TB SIG 130
Rectifiers RA-34-F and RA-34-G.....
.....TB 11-959G-1
CAP CRIMPER, M2.....TB ENG 28
CAPS:
In Line Engines, Reclamation.....
.....TB 9-2830-42, TB 9-2830-88
Leveling Jack .....TB 9-1253-FE1
CAR COMPANY, Quartermaster.....TM 10-470
CARBINES:
United States, Cal. .30,
M1 and M1A1.....FM 23-7, TM 9-1276,
TB 23-30-1, TB ORD 2,
TC 52, 1944
Cal. .30, M2 (T4).....TB 23-7-4
CARBURETION, Fuels .....TM 10-550
CARBURETORS:
Assembly, Power Unit PE-75..TB 11-900-1
Carter .....TM 9-1826A
Icing, Elimination in Power Units,
PE-96-G and PE-95-H.....TB 11-904-1
Stromberg .....TM 9-1826B
Zenith .....TM 9-1826C
CARDIOGRAPHS, Portable .....TM 8-614
CARDIOLOGY, (See Medicine)
CARPENTRY .....TM 5-226
CARRIAGES:
Artillery, Tires .....TB ORD 189
Automatic Guns—
37-mm, M3 and M3A1.....LO 1, 60
40-mm—
AP-T, M81 .....FT 40AA-A-2
HE-T, (SD), Mk.II..FT 40AA-A-2
Barbette—
3-Inch—(15-pdr)—
M1902 ...TM 9-421, TB 9-1421-1,
LO 71, FT 3-M-2
M1903 .....FM 4-90, TM 9-241,
TB 9-1421-1, LO 11, FT 3-M-2
6-Inch—
All Types .....FM 4-75
M1 .....TM 9-428, LO 99, 99A
M2 .....TM 9-428, 9-627,
LO 205, 205A
M3 .....TM 9-429, LO 99, 99A
M4 .....TM 9-429, 9-627,
LO 205, 205A
M1900 .....TM 9-424, LO 72,
FT 6-C-2, FT 6-D-2, FT 6-E-2
M1910 .....FT 6-B-3, FT 6-C-2,
FT 6-D-2
8-Inch—
M1 .....FM 4-48, TB 9-1442-1,
TB ORD 25, TB ORD 120, LO 67
M1892 .....FT 8-H-1
M1918 ....FM 4-50, TB 9-1442-1,
LO 16, FT 8-A-3, FT 8-D-2,
FT 8-H-1
M1918M1 .... FM 4-50, FT 8-H-1
12-Inch—
M1892 .... FT 12-E-2, FT 12-K-2
M1917 ..TB 9-1451-1, LO 73, 73A,
FT 12-E-2, FT 12-K-2
16-Inch—
M2 .....LO 74, 74A
M3 .....LO 74, 74A
M4 ..... TM 9-471, TB ORD 25,
TB ORD 120, LO 78, 78A
M5 .....LO 146, 146A, FM 4-85
M1919 ....LO 14, 14A, FT 16-B-1,
FT 16-C-1
M1919M1 ..... FT 16-E-1,
LO 74, 74A, FM 4-85
Howitzer, 16-in., M1920...TB ORD 120
FT 16-A-1

**CARRIAGES: (Continued)**
Disappearing—
6-Inch—
M1898 .....FT 6-B-3, FT 6-C-2,
FT 6-D-2
M1903 .....TB 9-1426-1, LO 12,
FT 6-C-2, FT 6-D-2
M1905 .....FT 6-C-2, FT 6-D-2
8-Inch, L.F.—
M1896 ..... FT 8-H-1
12-Inch, L.F.—
M1896 .....FT 12-E-2, FT 12-K-2
M1897 .... FT 12-E-2, FT 12-K-2
M1901 ....FT 12-E-2, FT 12-K-2
14-Inch, L.F.—
M1907 .....FT 14-C-1
M1907M1 .....FT 14-B-2
16-Inch, L.F.—
M1912 .....FT 16-C-1
M1917 .....FT 16-B-1, FT 16-C-1
Gun—
37-mm—
M3 ..... FM 4-140
M4 (Antitank) .....TM 9-1245
TB ORD 138, LO 2, FT 37-M-4
M4A1 (Antitank).....TM 9-1245
TB ORD 138, LO 2
40-mm—
M1..TB 9-1253-1, TB 9-1253-FE1
TB ORD 55, LO 61
M2 (AA)..TM 9-1252, TM 9-1253,
TM 9-1678, TB 9-1253-1,
TB 9-1253-FE1, TB ORD 55,
TB 9-1250-2, LO 61
M2A1 (AA) .....TM 9-1678,
TB 9-1253-FE1, LO 61
57-mm—
M1 .....TM 9-303, TB 9-303-3,
LO 86, FT 57-A-3
M1A1 ....TM 9-303, TB 9-303-3,
LO 86, FT 57-D-1
M1A2 ....TM 9-303, TB 9-303-3,
LO 86, FT 57-D-1
M1A3 ....TM 9-303, TB 9-303-3,
LO 86
M2 .....TM 9-303, TB 9-303-3,
TB 9-303-FE1
75-mm—
M2A1 .....LO 4, FT 75-B-4
M2A2 ..... LO 4
M2A3 ..... LO 9
M1897 Series .....TM 9-1305,
TB ORD 138, FT 75-B-4
M1897A4 .....TB 9-1305-1
M1916 ..... FT 75-AF-1
M1916 (British) .....FT 75-E-3
M1917 (British) ....FT 75-AF-1
FT 75-E-3
76-mm, T70 .....TM 9-755
155-mm—
M1 .....TM 9-350, TM 9-1350,
TB 9-350-4, TB 9-350-5,
TB 9-350-6, TB 9-1350-3,
TB 9-1350-4, TB 9-1350-5,
TB 9-1350-6, TB ORD 206,
LO 10, FT 155-S-2
M1A1 .....TM 9-350, TB 9-350-4,
TB 9-1350-3, TB 9-1350-6,
TB ORD 206
M2 .....TM 9-1345, LO 64
M3 .....TM 9-1345, LO 64
M1917 .....TM 9-1345,
FT 155-B-5, FT 155 U-1
M1917A1 .....TM 9-1345,
FT 155-B-5, FT 155-U-1
M1918 .....TM 9-1345,
FT 155-B-5, FT 155-U-1
M1918A1 ..... TM 9-1345,
FT 155-B-5

**CARRIAGES: (Continued)**
Gun—(Continued)
8-Inch—
M1 .....TM 9-322, TM 9-1322,
TB 9-322-3, TB 9-322-4,
TB 9-322-5, TB 9-1322-1,
TB ORD 64, TB ORD FE-20,
LO 108, FT 8-R-2
M6 .....TB 9-322-3, TB 9-322-5,
TB 9-1322-1, TB ORD FE-20
4.5-Inch—
M1 .....TM 9-328, TM 9-1331,
TB 9-1331-2, TB 9-1331-4,
TB 9-1331-5, TB 9-1331-6,
TB ORD 109, LO 77
M1A1 ...TM 9-1331, TB 9-1331-2,
TB 9-1331-4, TB 9-1331-5,
TB 9-1331-6,
TB ORD 109, LO 77, FT 8-I-1
6-Inch, All Types, Service....FM 4-70
8-Inch, M2....TM 9-336, TM 9-1341A,
LO 100, 100A, FT 8-L-2
Howitzer—
75-mm—
M3 .....FT 75-I-4
M3A1 .....TM 9-1326, LO 76
M3A2 .....TM 9-1320,
TB 9-320-5, LO 76
M3A3 .....TM 9-1320,
TB 9-320-5, LO 76
M8 ..... TM 9-732B, TM 9-1320,
TB 9-319-3, LO 144,
TC 44, 1943
Howitzer (Pack)—
75-mm—
M1 ..... TM 9-1320, TB 9-320-1,
TB 9-320-5, TD ORD 97,
TB ORD 138, LO 68,
FT 75-I-4
M8 .....TB ORD 97
105-mm—
M1 .....FT 105-H-3
M1A1 .....TM 9-325, TB 9-325-7,
FT 105-H-3
M2 .....TM 9-325, TB 9-325-7,
TB 9-1325-FE1, TC 86, 1943,
LO 5, FT 3-R-2, FT 105-H-3
M2A1 .....TM 9-325, TM 9-1325,
TB 9-1325-FE1,
TC 86, 1943, LO 5
M2A2 .....TM 9-325, TM 9-1325,
TB 9-322-3, TB 9-1325-FE1,
TB ORD FE-20, TB ORD 64, LO 5
M3 .....TM 9-326, TM 9-1326,
LO 129, FT 105-L-2
M3A1 .....TM 9-326, LO 129
M7 .....TB 9-731E-8
M7B1 .....TB 9-749-1
155-mm—
M1 .....TM 9-1331, TM 9-1350,
TB 9-331-1, TB 9-1331-3,
TB 9-1331-4, TB 9-1331-5,
TB 9-1331-6,
TB ORD 109, TB ORD 135,
LO 77, FT 155-Q-2
M1A1 .....TM 9-331, TM 9-1331,
TB 9-1331-3, TB 9-1331-4,
TB 9-1331-5, TB 9-1331-6,
TB ORD 109,
TB ORD 135, LO 77
M1917 .....FT 155-D-3
M1917A4 .....LO 68
M1918 .....FT 155-D-3
M1918A1 .....FT 155-D-3
M1918A3 .....LO 65
240-mm—
M1 .....TM 9-1341A,
LO 100, 100A, FT 240-C-1
M1918 ...LO 69, 69A, FT 240-B-2
M1918A1 .....LO 69, 69A
M1918A2 .....LO 145, 145A

**CARRIAGES: (Continued)**

Howitzer (Pack)—(Continued)

8-Inch, M1 .....TB 9-335-4, TB 9-1350-3, TB 9-1350-4, TB 9-1350-5, TB 9-1350-6, TB ORD 206, LO 70, FT 8-J-1

Machine Gun, Multiple Caliber .50, M51 .....TB 9-2853-1

Mortar—

12-Inch—

M1896 .....FT 12-A-4

M1896MI .....LO 15, FT 12-A-4, FT 12-G-2

M1896MII ..FT 12-A-4, FT 12-G-2

M1896MIII .....FT 12-G-2

M1908 .....FT 12-A-4

M1908 .....TM 9-457, FT 12-G-2

M1918, Railway..LO 17, FT 12-A-4

M1918MII .....FT 12-G-2

Motor—

Bogie and Idler Wheels...TB ORD 22, TB ORD 188

Direct Sighting and Elbow Telescopes for Tanks, Field Artillery and AA Artillery.....TM 9-1608

Gun, Crew Drill, M36.....FM 18-18

Light and Medium Tank Chassis.. .....TB ORD 71

37-mm, Gun, M6.....TM 9-750A TB 9-750A-2, LO 101

40-mm, Gun, Twin, M19..TM 9-1729A

57-mm, Gun, T48...TB ORD 8, LO 134

75-mm, Gun—

M3 ..TB 9-710-23, TB 9-1710C-3, TB ORD 8, LO 112

M3A1 .....TB ORD 8

75-mm, Howitzer—

M8 ....TM 9-1727B, TM 9-1727C TM 9-1727D, TM 9-1727E, TM 9-1727F, TM 9-1727G, TM 9-1732A, TB 9-732B-18, TB 9-1727B-1, TB 9-1727C-1, TB 9-1727C-4, TB 9-1727D-5, TB 9-1727E-1, TB 9-1732A-3, TB ORD 22, TB ORD 24, TB ORD 61, TB ORD 66, TB ORD 68, TB ORD 78, TB ORD 80, TB ORD 125, TB ORD 179, TB ORD 183, LO 117, T30, TB 9-1710C-3, TB ORD 8, LO 111, TM 9-775, TM 9-1729A, TM 9-1755A, TM 9-1755B

76-mm, Gun—

M18 (T70).....TB 9-308-1, TB 9-755-13, TB ORD 29, TB ORD 90, TB ORD 96, TB ORD 115, LO 143

T70 .....FM 18-15, TB 9-755-4, TB 9-755-5, TB 9-755-6, TB 9-755-8, TB 9-755-9, TB 9-755-10, TB 9-755-12 FT 76-A-4

90-mm, Gun—

M36 .....LO 156

M36B1 .....LO 155

T71 .....TM 9-758, TB ORD 95, TB ORD 116, TB ORD 125, TB ORD FE2 FT 90-C-3

105-mm, Howitzer-

M7 ...TM 9-731E, TB 9-2830-52, TB ORD 22, TB ORD 29, TB ORD 31, TB ORD 41, TB ORD 61, TB ORD 88, TB ORD 96, TB ORD 106, TB ORD 108, TB ORD 115, TB ORD 125, TB ORD 1[illegible], TB ORD 151, TB ORD 152, TB ORD 154, LO 106, FT 105-H-3, TC 61, 1943

**CARRIAGES: (Continued)**

Motor—(Continued)

105-mm, Howitzer—(Continued)

M7B1 .....TM 9-749, TB ORD 95, TB ORD 125, LO 157, FT 105-H-3

T19 ..... TB 9-1710C-3, TB 9-1710G-3

155-mm, Gun—

M12 ....TM 9-751, TM 9-2830-52, TB 9-751-4, TB ORD 22, TB ORD 29, TB ORD 41, TB ORD 96, TB ORD 115, TB ORD 125, TB ORD 148, TB ORD 151, TB ORD 152, TB ORD 154, LO 110, 110A

Howitzer, M7 and M7B1..TB ORD 189

8-Inch, Gun—

M10 .....FM 18-15, TM 9-752, TM 9-1750L, TB 9-1750G-5, TB 9-1750G-6, TB ORD 3, TB ORD 31, TB ORD 37, TB ORD 41, TB ORD [illegible], TB ORD 80, TB ORD 83, TB ORD 90, TB ORD 116, TB ORD 125, TB ORD 143, TB ORD 144, TB ORD 148, TB ORD 151, TB ORD 152, TB ORD FE1, TB ORD FE2, LO 113, FT 3-R-2, TC 54, 1943

M10A1 .TM 9-731G, TM 9-1750L, TB 9-731G-4, TB 9-731G-13, TB 9-731G-13, TB 9-1731B-3, TB 9-1731B-2, TB ORD 3, TB ORD 22, TB ORD 31, TB ORD 41, TB ORD 43, TB ORD 61, TB ORD 82, TB ORD 83, TB ORD 90, TB ORD 95, TB ORD 96, TB ORD 116, TB ORD 125, TB ORD 131, TB ORD 143, TB ORD 144, TB ORD 148, TB ORD 151, TB ORD 152, TB ORD FE1, TB ORD FE2, TB ORD FE5, TB ORD FE14, LO 109, TC 54, 1943

76-mm, Gun, M18.....FM 18-16, TB SIG 140

90-mm, Gun, M35.....TB ORD FE 14

75-mm, Howitzer, M8....TB ORD 191

105-mm, Howitzer, M7...TM 9-731E, TB ORD 202, TB ORD 213, TB ORD 219

Multiple Gun—

M13 .....TM 11-2712, TB ORD 8, LO 118

M13A1 .....LO 158

M14 .....TM 9-707, TM 9-1707A, TM 9-1707B, TM 11-2712, TB 9-707-1, TB ORD 8, LO 130

M15 ..... FM 44-59, TM 11-2708, TB ORD 8, LO 131

M15A1 .....FM 44-59, TB ORD 8

M16 .TM 11-2712, TB 9-710-FE1, TB ORD 8, LO 132

M17 ..TM 9-1707A, TM 9-1707B, LO 133

M19 .....TM 11-2712

M51 .....TB ORD FE4, LO 161

**CARRIERS:**

40-mm, Aircraft Gun.....TM 9-252

81-mm, Mortar—

Half-Track—

M4 .....TB 9-710-23, TB 9-1710C-3, LO 23

M4A1 .....TB ORD 8, LO 23

M21 .....TB ORD 8

Cargo—

M28, T-14..TB 9-2830-52, TB ORD 29, TB ORD 201

**CARRIERS: (Continued)**

Cargo—(Continued)

M28—(Continued)

T15 .....TM 9-893, TM 9-1793B, TM 9-1893A, TM 9-1893B, TB 9-893-2, LO 114

M29, T24 .....TM 9-772, TM 9-1772A, TM 9-1772B, TB 9-772-2, TB 9-772-3, TB 9-772-FE-1, TB 9-772-F2, TB ORD 201, LO 98

M29C (Amphibian).....TM 9-772 TB 9-772-1, TB ORD 201

M30, T14 ....TM 9-751, TB 9-751-4, TB ORD 41, TB ORD 96, TB ORD 115, TB ORD 125, TB ORD 148, TB ORD 151, TB ORD 152, TB ORD 154, TB ORD FE5, LO 110, 110A

Gas Mask, Reconditioning.....TB 3-205-9

Hybrid, CF-7-A.....TM 11-2003

Open Wire.....TB SIG 44

Personnel—

Half-Track—

M8 ....TM 11-2714, TB 9-710-23, TB 9-1710C-3, TB ORD 8, LO 22

M8A1 and M3A2.....LO 22

M5 .....TM 9-707, TM 9-1707A, TM 9-1707B, TM 11-2711, TB 9-707-1, TB ORD 8, LO 116

M5A1 .....TM 9-1707A, LO 116

Spiral-Four, 100-Mile, System Complete, .....TM 11-2001, TM 11-2001-1

Universal, T16 ....TM 9-746, TM 9-1746A, TM 9-1746B, LO [illegible]0

CARS: (See Also Vehicles)

CARS:

Armored .....TB ORD 123

Light, M8.....TM 9-743, TM 9-1743, TM 11-2702, TB 9-743-4, TB 9-743-5, TB 9-743-6, TB 9-743-7, TB 9-743-FE1, TB 9-1743-1, TB ORD 111, LO 139

T17 .....TM 9-740, LO 90

T17E1 .....TM 9-741, TM 9-1741A, TM 9-1741C, LO 91

T18E2 (British Only).....TM 9-742

Utility, M20...TM 9-743, TM 9-1746A, TM 11-2716, TB 9-743-4, TB 9-743-5, TB 9-743-7, TB 9-743-FE1, TB 9-1743-1, TB ORD 111, LO 139

Chevrolet .....TM 10-1312, TM 10-1301

Diamond T.....TB 9-2800-78

Half-Track—

M2 .....TB 9-710A-20, TB 9-710C-3, TB 9-710-23, TB ORD 8, TM 11-2701

M2A1 .....TB ORD 8

M9A1 .....TM 9-707, TM 9-1707A, TM 9-1707B, TB 9-707-1, TB ORD 8, LO 116

Passenger—

Chevrolet ...TM 10-1129, TM 10-1138, TM 10-1303

Ford .....TB ORD 10-1375-2

Plymouth ...TM 10-1149, TM 10-1150, TM 10-1690, TB ORD FE7

Railway—

Hospital ...TB 55-285-2, TB 55-285-1

M1918M1 .....TB 9-1442-1

Reconnaissance, ¼ Ton, 4-Wheel Drive, 80" Wheelbase .....TM 10-1100

Scout, M3A1 .....TM 9-705, TM 9-1705, TM 9-1705B, TM 9-1705C, TM 9-1705E, TM 9-1706, TM 9-1709, TB 9-705-12, TB 9-705-FE1, TB 9-1709-2, TB ORD 8, TB ORD 23, TB ORD 107, TB ORD 155, TB ORD 162, TB ORD 164, LO 29

CARS: (Continued)
Sedans—
Chevrolet ...TM 10-1132, TB ORD 89, LO 527
Ford .....TM 10-1374, TM 10-1375, TM 10-1486, TB ORD 10-1375-2, LO 529
Packard .....LO 530
Plymouth .....LO 528
CART, Log, Low Hitching, D4, Williamette-Hyster Co. .....TM 5-9552
CARTRIDGES:
Aircraft Guns, 20-mm .....TB ORD 137
A P-T, M70 .....FT 57-A-3, FT 57-D-1
A P C-T, M86 .....FT 57-A-3, FT 57-D-1
Ball—
M2, Cal. .30 .....FT 0.30-A-4
M2, Cal. .50 .....FT 0.50-H-1
Grenade, Auxiliary, M7 .....TB 9-1985-2 TB ORD 21
Identification .....TB ORD 194
Ignition, M5A1 ....FT 60-D-3, FT 60-G-1
M2, Cal. .30 .....FT 0.30-J-1
M2, Cal. .50 .....FT 0.50-H-1
T P-T, M76 .....FT 57-D-1
240-grain, T2 .....FT 105-P-1
CASES:
ML-48 through ML-48-E (For Barometer) .....TM 11-428
Amputation .....TB MED 10
CASUALTIES, Chemical Agents, Treatment.. ..... TM 8-285
CAVALRY:
Division and Corps .....FM 11-15
Drill Regulations—
Horse .....FM 2-5
Mechanized .....FM 2-7
Employment .....FM 2-15, TC 107, 1943
Mechanized Reconnaissance, Squadron... ..... FM 2-30
Reconnaissance Troop, Mechanized. FM 2-20
CELLS, Fuel .....TB ORD 111
CEMENT PLANTS, Portable, 30-TPH, Gasoline Engine-Driven, Blaw-Knox...TM 5-1336, LO 1052
CENSORSHIP .....FM 30-28, TC 15, 66, 1943
CENTERS, Service (Air).....FM 1-195
CEYLON, Medical and Sanitary Data..... .....TB MED 109
CHAINS: Timing, Inspection on Truck ¼-Ton, 4 x 4.....TB 9-803-6
CHANGER, Cassette, Stereoscopic, Upright, Magnetically Controlled .....TM 8-625
CHAPLAIN .....TM 16-205
CHARGER BATTERY, Rectifier, Dry Plate (Fast), 110-Volt, 60-Cycle, AC, for One 6-Volt, 120-amp-hour Battery, Benwood-Linze, 50 .....TM 5-5046
CHARGES:
Demolition .....TB ORD 214
Depth .....TB ORD 124
Shaped—
10 lb., M2 and M2A1....TB 9-1940-9
15 lb., M2A3 .....TB 9-1940-9
Demolition, 40 lb., T3....TB 9-1940-6
CHARGING:
Set—
SCR-169 .... TM 11-302, TM 11-302H, TM 11-302K, TB 11-302-1, TB 11-302-2
SCR-606-A .....TM 11-305
CHASSIS:
Body, For Scout Car, M3A1...TM 9-1705E
Car, Armored, T17E1 (Chevrolet)..... ..... TM 9-1741C
Half-Track Vehicle (IHC)....TM 9-1707B, TM 9-1710C
Scout Car, M3A1 .....TM 9-1709
Truck, GMC, ACKWX-353 ....TM 10-1241
Vehicles, Motor .....TM 10-560
CHECK, Shell, 4.2-Inch Chemical Mortar M2 .....TB 3-320-7S3
CHECKER, Precision Tube, Series 910, 912, 915, 914, 920, 922, 954. Tube Test Data.. ..... TB SIG 94
CHECK-LIST, For Service Record (W. D., AGO. Form No. 24) Supplement (Tentative) .....TM 12-230
CHECK VALVE SECTION, 4-Inch Pipe Line, Consisting of One (1) 4-Inch Gate valve and One (1) 4-Inch combination Check and Gate, Fabricated Into A20-Foot Section of victualic Coupling Assembly..TM 5-9252
CHEMICAL:
Agents—
Casualties, Treatment of....TM 8-285
Military Chemistry .....TM 3-215
Munitions in Training.....TM 3-305
Attacks, Defense Against.....FM 21-40
Defense, Air establishments.TC 31, 69, 1942
Depot Company .....FM 3-65
Laboratory, Company .....FM 3-25
Matériel, destruction .....TC 65, 1943
Mortar (See Mortars)
Mortar Mount (See Mounts)
Munitions (See Munitions)
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Portable, Thor U-60, 3032, Independent Pneumatic .....TM 5-4120
Rotary, Thor, No. 360, 5290, Independent Pneumatic Tool .....TM 5-4578
Shank, 4K, Ingersoll-Rand.....TM 5-4058
Thor, No. 185, Bridgeport Safety Emery Wheel .....TM 5-4672
Tool Post, Type PA-I, 115 Model, The Cincinnati Electric Tool.....TM 5-4630
Universal, Nos. 1, 2, 3, and 4, Brown & Sharpe Mfg. .....TM 5-4664
U. S. Tool Post, Model RA H.P. United States Electrical Tool.....TM 5-4670
Valve Refacer, Types C-M-MW, L-LW, D, MW, Black & Decker Mfg..TM 5-4192
GROUND FORCES, Aviation in Support..... FM 31-35
GROUND UNITS:
Air Supply .....FM 31-40
Air Support .....FM 31-35
GUARD DUTIES, Interior.....FM 26-5
GUIDES:
Language (See Language Guides)
Foreign Exchange .....TM 14-511
GUIDES: (Continued)
Recoil Fluid—
Antiaircraft and Field .....LO 19
Seacoast Artillery .....LO 59
Repair Time, Wheeled Vehicles..... .....TB ORD 173
GUN MOUNTS: (See Mounts).....FM 4-157
GUNNERS:
Artillery, Antiaircraft .....FM 4-119, TC 23, 1944
Artillery, Coast .....FM 4-19
Chemical Warfare .....FM 3-10
Expert—
Mobile, Seacoast Artillery...TM 4-820
Seacoast Artillery .....TM 4-810
First and Second Fixed Seacoast Artillery .....TM 4-805
Mobile, Seacoast Artillery, First and Second Class .....TM 4-815
Tank, Course .....TC 41, 1944
GUNNERY:
Aerial—
Fixed .....TM 1-273
Practice and Record Firing..TM 1-270
Artillery—
Antiaircraft .....FM 4-110
Night .....TC 50, 1944
Seacoast .....FM 4-10
Weapons .....TC 2, 1944
Crew Drill, 75-mm Assault Howitzer on Motor Carriage M8.....FM 17-69
Ground .....TM 1-273
Tank .....FM 17-12
GUN EMPLACEMENTS, Excavation, use of Explosives ..... TB ENG 7
GUNS: (See also Carriages, Directors, Finders, Howitzers, Limbers, Mortars, Mounts, Rifles, Setters, Sights, and Small Arms)
37-mm—
All Types .....TM 9-235, TM 9-1235, TM 9-1606, TB 9-235-7
M3 .....FM 23-70, TM 9-1245, TB 9-1245-4, TB ORD 49, TB ORD 138, LO 2, FT 37-M-4
M3A1 ....TM 9-1245, TB ORD 48, 49, TB ORD 138, FT 37-M-4
M5 .....TM 9-1250, TB 9-1250-1, TB ORD 49, LO 58
M6 .....TM 9-250, TM 9-750A TM 9-1250, TB 9-743-6, TB 9-1250-1, TB 9-1250-2, TB ORD 49, TB ORD 94, TB ORD 138, LO 58, FT 37-S-3, FT 37-O-1
T32 .....TM 9-246
T34 .....TB 9-308-1
T36 .....TB 9-822-1, TB 9-322-4
40-mm, M1 .....TB 9-252-8
57-mm—
M1 ..FM 23-75, TM 9-303, TB 9-303-3 TB ORD 49, LO 86, FT 57-A-3
Mk. III (British).....FT 57-D-1
75-mm—
AN M5 .....TM 9-312
M2 .....FM 6-55, TM 9-307, TM 9-1307, TB ORD 49, TB ORD 94, LO 58, FT 75-AD-5, FT 75-AF-1
M2A1 .....TB 9-1305-1
M2A2 .....TB-1305-1
M2A3 .....FM 6-56
M3 .....TM 9-307, TB ORD 49
M3 (Tank) ..TM 9-1307, TB ORD 94, LO 58, LO 58A, FT 75-AD-5
M4 .....TM 9-311, TM 9-1311, TB ORD 49, TB ORD 63, LO 126
M5 .....TM 9-1312
M5 (T13E1) .....TM 9-312, LO 150
M6 .....TM 9-313
M1897 (All Types).....FM 6-50, TM 9-1305, TB 9-1305-1, TB ORD 138, FT 75-B-4, FT 75-E-3
GUNS: (Continued)
75-mm—(Continued)
M1897A4 .FM 6-50, TM 9-306, LO 4, 6
M1916 .....FM 6-60, FT 75-AF-1, FT 75-E-3
M1917 .....FT 75-AF-1, FT 75-E-3
M1917A1 .....FM 6-65
76-mm—
M1A1 .....TM 9-308, TB 9-1308-1, TB ORD 122, FT 76-A-4
M1A2 .....TB 9-1308-1, FT 76-A-4
90-mm—
M1 ....FM 4-91, FM 4-126, TM 9-370, TM 9-371, TM 9-373, TM 9-1370, TM 9-1370A, TM 9-1370B, TM 9-1373, TM 9-1600, TB ORD 72, TB ORD 129, LO 7, 125, 128, 128A, FT 90-A-B-3, FT 90-C-3
M1A1 .....TM 9-370, TB ORD 48, LO 62, FT 90AA-B-3, FT 90-C-3
M2 .....FM 4-127, TM 9-372, TM 9-1372A, TB 9-372-2, TB ORD 129, LO 142, 142A, FT 90AA-B-3
M3 .....FT 90-C-3, TM 9-374
T2 .....TB ORD 48
T2E1 .....TB ORD 48
T71 .....TM 9-758
120-mm, M1....TM 9-1380, TB ORD FE 11, TB ORD 129, LO 75, 75A
155-mm—
M1 ....FM 4-24, FM 6-90, TM 9-350, TM 9-1350, TB 9-350-6, TB 9-1350-4, TB 9-1350-5, TB ORD 65, TB ORD 113, TB ORD FE9, LO 10, FT 155-S-2
M1A1 .....TM 9-1350, TB 9-350-6, TB 9-1350-4, TB 9-1350-5, TB ORD 65, LO 10, FT 155-S-2
M12 ..... FM 6-86, TB ORD FE5, TB ORD 165
M1917 .....FM 4-25, TM 9-345, TM 9-1345, TB 9-1345-2, LO 64, FT 155-B-5, FT 155-U-1
M1917A1 ...TM 9-1345, TB 9-1345-2, FT 155-B-5, FT 155-U-1
M1918 ..FM 4-25, FM 6-85, TM 9-345
M1918M1 ..TM 9-1345, TB 9-1345-2, LO 64, FT 155-B-5, FT 155-U-1
8-Inch—
M5 .....TM 9-322, TM 9-1322, TB 9-322-4, TB 9-322-5, TB 9-1322-1, LO 108, FT 3-R-2
M7 .....TM 9-328, TM 9-1328, TB ORD 94, FT 3-R-2
M10 .....TB ORD 160
8-Inch—(15pdr)—
M1902M1 .....FM 4-90, TM 9-421, TB 9-1421-1, LO 71, FT 3-M-2
M1903 .....FM 4-90, TM 9-421, TB 9-1421-1, LO 11, FT 3-M-2
4.5-Inch, M1 .....FM 6-77, TM 9-328, TM 9-1331, TB 9-1331-2, TB 9-1331 FE 1, TB ORD 113, LO 77, FT 4.5-A-1
4.7-Inch, M1 .....FM 4-128, TB ORD 49
6-Inch—
All Types .....FM 4-70, FM 4-75
M1897M1 .....FT 6-B-3, FT 6-C-2
M1900 .....TM 9-424, LO 72, FT 6-C-2, FT 6-D-2, FT 6-E-2, TB 9-424-1
M1903 .....TB 9-1246-1, LO 12, FT 6-C-2, FT 6-D-2
M1903A2 .....FM 4-74, TM 9-428, LO 99, 99A, FT 6-E-2

GUNS: (Continued)
6-Inch—(Continued)
M1905 .....FT 6-C-2
M1905A2 .....FM 4-74, TM 9-428, LO 99, 99A, FT 6-E-2
M1908 .....FT 6-B-3, FT 6-C-2
T2 .....TM 9 429, LO 205, 205A
8-Inch—
M1 .....TM, 9-336, TM 9-1341A, TB 9-336-1, TB ORD 113, LO 100, 100A, FT 8-L-2
Mk. VI, Mod. 3A2 .FM 4-48, FM 4-49, TM 9-442, TM 9-463, TB 9-463-1, TB 9-1442-1, TB 9-1463-1, TB ORD 25, LO 18, 67, FT 8-I-1
M1888 Series..FM 4-50, TB 9-1442-1, LO 16, FT 8-A-3, FT 8-D-2, FT 8-H-1
10-Inch—
All Types .....FM 4-65
M1888 Series .....FT 10-B-1
M1895 .....FT 10-B-1
M1900 .....FT 10-B-1
12-Inch—
All Types—
Barbette Carriage .....FM 4-60, FM 4-61
Disappearing Carriage...FM 4-80
M1888 Series..FT 12-E-2, FT 12-K-2
M1895 Series.. .TB 9-1451-1, LO 73, 73A, FT 12-K-2, FT 12-E-2, FT 75-E-3
M1895M1A1 .....FM 4-45
14-Inch—
All Types. Disappearing Carriage.....FM 4-80
M1907 Series .....FT 14-C-1
M1909 .....FT 14-B-2
M1910 .....FT 14-B-2
M1910M1 .....FT 14-B-2, FT 75-E-3
M1920 .....FT 14-M-1
M1920MII .....FM 24-35, FT 14-M-1, FT 75-E-3
16-Inch—
All Types, Casemated .....FM 4-86
Mk. II, M1.....FM 4-85, TM 9-471, TB ORD 25, LO 74, 74A, 78, 78A, 146, 146A, FT 16-D-2
M1895 .....FT 16-C-1
M1919 Series ..FT 16-B-1, FT 16-C-1
M1919MII .....FM 4-85, LO 14, 14A, FT 75-E-3
M1919MIII .....FM 4-85, FT 75-E-3
Aircraft—
Controls .....TM 1-490
Sights .....TM 1-495
Antiaircraft—
20-mm, German, Four Barreled Mount, 2-cm Flakvierling 38.....TM 9-228
37-mm, M9 .....TM 9-241
40-mm, M1 .....TM 9-1252
88-mm, German Matériel ..TM 9-369A
90-mm, M1 .....TB ORD 55
105-mm, M3 .....FM 4-130, FT 105-AA-E-1
3-Inch—
All Types...FM 4-125, TM 9-360, TM 9-1600, TB ORD 122
M1 ..FT 3AA-J-3, FT 3AA-K-3, TjC 3AA-O-3
M1A1 ...TM 9-1360, TB ORD 129
M1A2 ...TM 9-1360, TB ORD 129
M2 ..FT 3AA-K-3, TjC 3AA-O-3
M2A1 .....TB ORD 129
M2A2 ...TM 9-1360, TB ORD 129
M3 .....TB 9-1360-1, LO 6, FT 3-R-2, FT 3AA-J-3, FT 3AA-K-3, TjC 3AA-O-3
M4 ...FT 3AA-J-3, FT 3AA-K-3, TjC 3AA-O-3

GUNS: (Continued)
Antiaircraft—(Continued)
3-Inch—(Continued)
M1917 Series.....FT 3AA-K-3
M1917A2 ....LO 3, FT 3AA-J-3, TjC 3AA-O-3
M1917MII .....LO 79
M1918 .....FT 3AA-I-3, FT 3AA-L-2
M1925M1 .....FT 3AA-K-3, TjC 3AA-O-3
T1A1 .. TM 9-1360, TB ORD 129
T1A2 ...TM 9-1360, TB ORD 129
4.7-Inch, M1...TM 9-380, TB 9-380-1
Employment .....FM 4-104
Assault, Section and Platoon....FM 17-25
Automatic—
20-mm—
M1 .....TM 9-227, TM 9-228, TM 9-1227, TM 9-1605, TB ORD 63, LO 127
M1 (Aircraft) .....TM 9-2200, TB ORD 137
AN-M2 (Aircraft).....TM 9-227, TM 9-1227, TB 9-227-7, TB ORD 63, TB ORD 137
M3 (Aircraft).....TM 9-229, TB ORD 137
37-mm—
M1A2 ...TB ORD 49, TB ORD 69, LO 1, 60, FT 37AA-N-2
M4 .....TB ORD 237
AN-M4 (Aircraft) ...TM 9-1240, TB 9-1240 FE1, TB ORD 49, TB ORD 63
AN-M9 (Aircraft) ....TM 9-241, TM 9-1240, TB ORD 49
M9 .....TB ORD 237
M9A1 .....TB ORD 237
M10 .....TB ORD 237
M10 (Aircraft).....TM 9-1240
40-mm—
M1 .....TM 9-252, TB 9-252-7, TB 9-1252-1, TB ORD 48, TB ORD 49, TB ORD 69, TB ORD 171, LO 61, 209, TB 9 1252-FE1, FT 40AA A2
T2 .....TB ORD 48
Bore Sighting Adjustment....TB ORD 3
Cement, N-1 Cement Gun Co...TM 5-9828
Fire Control .....FM 4-121
Machine—
Caliber .30, Browning—
All Types .....TM 9-1205, TB 9-307-4, TB ORD 36
AN-M2 (Aircraft) ....TM 9-205, TB 9-1205-1, TB ORD 15, TB ORD 34
M2 .....TM 9-1205
M1917A1 ..EM 23-55, TM 9-1205, FT 0.30-A-4, FT 0.30-J-1
M1919A4 ..FM 23-45, FM 23-50, TM 9-1205, TB 9-1205-3, FT 0.30-J 1
M1919A5 .....FT 0.30-J-1
M1919A5 .....TM 9-206, TM 91250, FT 0.30-J-1
Caliber .50, Browning—
All Types.....FM 4-155
AN-M2 (Aircraft) ...TM 9-225, TB 9-225-15, TB 9-225-16, TB 9-225-17, TB 9-225-18, TB ORD 15, TC 47, 1943
M2 .....FM 23-60, FM 23-65, TB 9-225-FE1, TB 9-225-19, TB 9-1225-21, TB 9-1225-22, TB 9-1225-23, TB 23-60-6, FT 0.50-H-1
M2, Watercooled .....TM 9-226, TB 9-226-9, TC 47, 1943
M2 .....TB ORD 34

GUNS: (Continued)
Machine—(Continued)
Caliber .50, Browning—(Continued)
Aerial Targets.....TC 22, 1943
Deep water fording..TB 9-2853-1
Reducing Stoppages..TB 9-1235-5
Tracer Control .....TC 22, 1943
Caliber .60, T17E3.....TM 9-231
All Types .....TC 59, 1943
German 7.9-mm, Dual Purpose MG34 .....TM E 9-206A
Marksmanship .....TC 7, 16, 1944
Caliber .45—
Thompson—
M1 ..TM 9-215, TB ORD 141
M3 ..FM 23-41, TB ORD FE6
M1928A1 .....FM 23-40, TM 9-1215, TB ORD 141
Spray, Type GD, DeVilbiss.....TM 5-9970
Towed, Platoon.....FM 18-21
HALF-TRACK VEHICLES (See also Carreirs and Cars).....TM 9-1707A, TM 9-1707B, TM-1710C, TB ORD 8, TB ORD 107, TB ORD 166
Engine—
Sludge .....TB ORD 28
White 160AX.....TM 9-1710B, TM 9-1711
Gas Tank Drain Plug.....TB ORD 162
Idler Shackle Stop Bolt.....TB ORD 38
Power Train .....TM 9-1710
White, Autocar and Diamond T.....TB 9-710-24, 9-710-25, 9-1711-4, 9-1711-6, TB ORD 8, 23, 100, 107
HAINAN, Med. and San. Data....TB MED 118
HAMMERS:
All Types, Technical Data....TB 5-9720-7, 5-9720-9
Pile—
McKiernan-Terry—
No. 7 .....TM 5-9164
No. 9-B-2 .....TM 5-9880
No. 10-B-2 .....TM 5-9584
Riveting, Sizes 4A, 5A, 6A, 8A, 9A, 5B, 6B, 8B, 9B, 5C, 6C, 8C, 9C, and Rivet Busters, Sizes 999 and 9000, Ingersoll-Rand .....TM 5-4076
HANDBOOKS:
Bombardiers .....TM 1-251
British Army .....TM 30-410
Engineer .....FM 21-105
German Military Forces.....TM E30-451
Italian Military Forces.....TM E30-420
Japanese Military Forces.....TM 30-480
Medical Department, Soldier's...TM 8-220
Quartermaster—
Bakery Company .....TM 10-415
Car Company .....TM 10-470
Laundry Company .....TM 10-352
Railhead Company .....TM 10-379
Refrigeration Company ....TM 10-615
Salvage Repair Company..TM 10-265
Service Company .....TM 10-235
Truck Company .....TM 10-475
HANDSPIKE: C60682, Modification.....TB ORD FE 20
HANGER, Airplane, Steel, Sheet Covered, 130-ft. and 160-ft..... .....TM 5-9726
HARBOR CRAFTS, Small Boats.....FM 55-130
Preventive Maintenance .....TM 55-320
HARROWS:
Disc—
Four Gang, 180-A Series, Killefer Mfg. .....TM 5-1496
Model "KB" & "KC" Deere & Mansur, Work; (John Deere).TM 5-1498
Offset, 8-ft., 24-in., Discs, International Harvester, DYRR SO-49 .....TM 5-1082
Spike-Tooth, 4-Section, International Harvester, No. 2...TM 5-1066, 5-1066-4

HAVERSACKS, M10, M28.....TB QM 28
HEADSET:
HS-30 .....TC 47, 1943
H-16/U .....TB SIG 109
HEAT EXHAUSTION .....TC 57, 1942
HEATERS:
All Types, Technical Data....TB 5-9720-2
Asphalt, Trailer-Mounted—
2-Car, 28-HP., Cleaver-Brooks, DS-2, Z Engine.....TM 5-1042, TB 5-1042-1, TM 5-1044, LO 1065
3-Car, 42 HP, Cleaver-Brooks, Model DS-31 .....TM 5-1078
3-Car, 42-HP, Cleaver-Brooks, DS-3, Z Engine .TM 5-1014, TB 5-1014-1, TM 5-1046
Direct Fired, Drave Job C-6060, Size 1,000,000 BTU/HR, Drave...TM 5-9662
Gasoline—
Evans, 283435, Electrically Operated, 18,00-BTU .....TM 5-9140
Herman-Nelson, GT-3000-20 ..... TM 10-1621
Hunter, UH-3, Blower, 110-Volt, 60-Cycle, AC. .....TM 5-9170
Motorola, GN-4, Galvin Mfg..... TM 5-9762
Miller Uitility, OC-31-A.....TM 11-2525
Water—
Paver, Concrete, Littleford, 5C..... TM 5-1152
Portable, M1 and other Auxiliary Equipment for Apparatus, Decontaminating, Power-Driven, M3A1, M3A2 and M4.....TM 3-228
HEIGHT FINDERS:
Desiccation, Charging .....TM 9-1622
M1 and M2 .....FM 4-142
SCR-547 .....FM 4-143
SCR-527-A .....TM 1-350
HELMETS: M1 .....TB QM 8, TB QM 23
HOIST:
Air, and Air Motors, HK and HKL, Gardener-Denver .....TM 5-9566
Cable, Jaeger 2A, Dixie Special 4-Ton ..... TM 5-9176
Chain, Ratchet—
¾-Ton, Covving, AG...TB 5-9720-16
1½ to 3-ton Coffing..... .....TM 5-9308, TB 5-9720-16
Diesel, Engine-Driven, 30-ton, Jaeger 2D3 .....TB 5-9720-16
Gasoline Crane—
Industrial Brown—
No. 11451 .....TM 5-9914
No. 11453 .....TM 5-9918
Gasoline, Double-Drum—
4-Ton, Jaeger, 2A, Dixie Special.... TM 5-9176, TB 5-9176-1, LO 1075
6-Ton, Jaeger, 2D3.....TM 5-9240
Gasoline, Engine-Driven, Jaeger, 2A "Dixie Special" .....TB 5-9720-16
HOIST STEAM & SLEWING ATTACHMENT:
8¼x10 Three-Drum American Hoist & Derrick Co. .....TM 5-9802
HONES:
All Types, Technical Data....TB 5-9720-7
Cylinder, 2.6-in. to 5.5-in. Cylinder Size, Electric Drill-Driven, Sunnen.TM 5-4046
HORSES, Pack Transportation.....FM 25-7
HORSESHOER .....TM 2-220
HOSE, Grease, High Pressure with Faulty Connections .....TB 9-2830-49
HOSPITALS:
Army, Clinical Psychological Service... .....TB MED 115
Diets .....TM 8-500
HOSPITALS: (Continued)
Fixed, Medical Department (Station and General Hospitals).....TM 8-260
Surgical portable .....TB MED 5
HOUSINGS:
Clutch, Dodge, Conversion...TB 9-2830-56
Flywheel Bell, Periodic Inspection..... ..... TB 9-743-7
Gear, Starting Motor Reduction..... DR1844823 .....TB 9-2830-84
HOWITZERS:
75-mm—
All Types .....TB ORD 138
M1A1 .....TB ORD 49, TB ORD 94, FT 75-I-4
M2 .....TM 9-318, TM 9-320, TB ORD 49, TB ORD 94, FT 75-I-4
M3 .....TM 9-318, TM 9-320
Assault .....FM 17-69
Horse-Drawn and Truck-Drawn.... ..... FM 6-70
105-mm—
M2 .....FM 6-75, TM 9-1325, TM 9-325, FT 105-H-3
M2A1 .....TM 9-325, TM 9-1325, TM 9-325, TB 9-325-7, TB ORD 110, LO 5, FT 105-H-3
M3 .....FM 23-105, TM 9-326, TM 9-1326, TB ORD 49, TB ORD 110, LO 129, FT 105-L-2, TC 66, 1941, TC 130, 1943
M4 .....TM 9-324, FT 105-H-3
M7, M7B1 .....TB ORD FE5
German .....TM E 9-325A
155-mm—
M1 .....FM 6-81, TM 9-331, TM 9-1331, TB 9-331-1, TB ORD 65, TB ORD 113 TB 9-1331-2, TB 9-1331 FE1, TB ORD 135, TB ORD FE9, FT 155-Q-2, LO 77
M1917 Series .....LO 68, FT 155-D-3
M1917A1 .. TB ORD 113, FT 155-D-3
M1917A2 .....TB ORD 113
M1918 TB ORD 113, LO 65, FT 155-D-3
M1918A1, Truck-Drawn .....FM 6-80
240-mm—
M1 .....TM 9-341, TM 9-1341A, TB ORD 113, TB ORD FE9, LO 100, 100A, FT 240-C-1
M1918 Series.LO 69, 69A, FT 240-D-2
M1918M1 ....TM 9-340, TB ORD 113, LO 145, 145A
M1918M1A1 .. .....TM 9-340, TB ORD 113, LO 145, 145A
M1918A2 .....TM 9-340
8-Inch, M1 .....FM 6-91, TM 9-1350, TB 9-1350-4, TB 9-1350-5, TB 9-335-4, TB ORD 65, TB ORD 113, TB ORD 135, TB ORD FE9, FT 8-J-1, LO 70
16-Inch, M1920 .....FM 4-85, FT 16-A-1
Bore Sighting Adjustment.....TB ORD 188
Pack—
75-mm—
M1 .....TB 9-320-5, TB ORD 49, TB ORD 52, LO 63, 76, 144, FT 75-I-4
M1A1 .....TM 9-319, TM 9-321, TM 9-1320, TB 9-320-5, TB ORD 52, LO 63, 76, 144 TB 9-2830-87
HUBS:
Bogie, Half-Track (White, Autocar and Diamond T) Reclamation..TB 9-2830-48
Wheel, With Loose Bearing Races, Reclamation ...TB 9-2830-36, TB 9-2830-87
HULLS:
Car, Armored, T17E1 (Chevrolet)..... ..... TM 9-1741C
Related Components, Tank, Light, M3.. ..... TM 9-1726B
HYDRAULIC SYSTEMS, Airplane...TM 1-411
HYDROGEN .....TM 1-315
Generators, Barrage Balloon, Gas Generation, Use Purification.....FM 4-192
HYGIENE, Sex, Training .....TC 22, 1944
HYPOCHLORINATION UNIT, Automatic, Portable, 2 to 100-gpm Flow, Wallace and Tiernan, A-506 .....TM 5-2082
ICE PLANTS:
1-Ton, Manually Operated, Portable, Skid-Mounted, Gasoline Engine-Driven V-50 with Continental Engine, Y69... .....TM 5-9086, TB 5-9086-1
1-Ton, Victor .....TM 5-9244
3.6-Ton, Frick .....TM 5-9090
15-Ton, Frick, ISQDW.....TM 5-9088 5-9092, 5-9106
York Machinery Co.....TM 5-9808
IDENTIFICATION, Equipment, PH-385 .... .....TM 11-403
IGNITERS, M47A1 and AN-M17A2..TB CW 10
IMMUNIZATION .....TB MED 114
IMPREGNATING PLANTS: (See Plants)
IMPREGNATION, Clothing with Insect Repellent (Dimethyl Phthalate).....TB MED 121
IMPROVEMENTS, Recommended Changes .....TB 11-1541-1
INCENDIARIES:
Defense Against .....FM 21-42
Equipment Destroying, M2A1..TB 3-200-7
Safe Destroying, M1A1.....TB 3-300-6
INCINERATOR, Morse Boulger, MB34..... ..... TM 5-9100
INCREMENTS, Mortar Relocation..TB 23-85-4
INDICATORS:
Azimuth, M5 and M16.....TB ORD 25
Azimuth M18 and M19.....TB ORD 90
Elevation, M5 .....TB ORD 25
Frequency, Adjustment.....TB 11-356-1
Heat, Thermoelectric Type Reclamation. .....TB 9-2830-62
ML-117, ML-117-A, ML-117-B..... .....TM 11-424
Premax Pressure, Bachrach Industrial Instrument .....TM 5-9772
Range, BC 1068-B, Radio Set..... SCR-584-B .....TB 11-1524-3
Unit, ID-16/TPS-1A .....TB 11-1547A-1, TB 11-1547A-2, TB 11-1547A-3, TB 11-1547A-4, TB 11-1547A-5
INDUCTIONS STATIONS, Armed Forces, Operations .....TM 12-221
INFANTRY:
Armored—
Company .....FM 17-40
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200-GPM at 1000-ft., Head, or in Parallel, 400-GPM at 500-ft., Head, Hanlon-Waters, Type 1650.....TB 5-2279-1
600-GPM, at 400-ft., Head, Ingersoll-Rand, 3-GT, with Cummins HIP-600 Engine ...TM 5-2026
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Rotary—
Duplex, Gasco Pump & Burner Co.....TM 5-9554
Hi-Octane Pumping Unit, 100-GPM, 100-ft., Head of Gasoline with Dewatering and Deaerating Equipment, Gasoline Engine-Powered, Hill Diesel Engine Co....TM 5-2324
Power take-off Driven, Fire Truck-Mounting Mid-Ship, Single Discharge, 2-in., Discharge, 100-GPM at 277-ft., Head or (120-PSI), Watrous, HD-281-R ....TM 5-2076
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Gardner-Denver—
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Light—
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M3 .....TM 11-2706
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A Through P.....TM 11-272
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P In Car, Half-Track, M2 ..... TM 11-2701
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270-( ) .....TB 11-1570-1
270-(*) ..TB SIG 130, TB SIG 131
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270-BB, CB, DA, and EA..... .....TM 11-1370, TM 11-1570, TB 11-1570-2, TB SIG 57, TB SIG 60
270-D .....TM 11-1114D
270-DA .....TB SIG 57
271-( ) .....TB 11-1570-1
270-(*) .....TB SIG 130, TB SIG 131
271 Series .....TM 11-1033, TB SIG 86, TB SIG 106, TB 11-1033-1
271 .....TM 11-1310, TB 11-1033-2, TB SIG 126
271, A, BA, D, E, F, G, H, J, K, L, LA, M.....TM 11-1410
271-AC, DA, and BB...TB SIG 56
271-AAB, AC, BB, DA, EA, FA, GA, HA, JA, KA, LA and MA .....TM 11-1370, TM 11-1570
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In Truck, ¼-Ton, 4 x 4.... ..... TM 11-2707
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508 Series.....TM 11-600 TB 11-600-2, TB SIG 70 TC 105, 1943
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Half-Track, M2..... ..... TM 11-2701
Light Armored, M8... ..... TM 11-2702
In Carrier, Personnel, Half-Track M5 or M5A1..... .....TM 11-2711
In Tank—
Medium, M3 TM 11-2706
Medium, M4 TM 11-2704
In Truck—
¼-Ton, 4x4 .TM 11-2707
¾-Ton, 4x4 .TM 11-2710
508-A .....TB 11-600-1
508-A, B and C.....TB SIG 32
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Half-Track, M2..... ..... TM 11-2701
Light Armored, M8... ..... TM 11-2702
In Carrier, Personnel, Half-Track M5 or M5A1..... .....TM 11-2711
In Tank, Light, T9E1..... ..... TM 11-2705
In Truck—
¼-Ton, 4x4 .TM 11-2707
¾-Ton, 4x4 .TM 11-2710
2½-Ton, 6x6 TM 11-2709
510-A ...TM 11-605, TB 11-605-1 .... TB 11-605-2, TB 11-605-4, TB SIG 45
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Personnel, Half-Track M5 or M5A1..TM 11-2711
In Tank—
Medium, M3 TM 11-2706
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In Truck—
¼-Ton, 4x4 .TM 11-2707
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In Vehicle, Tank Recovery, T2 .....TM 11-2703
528-A, B and C.....TB SIG 32
533-T2 .....TM 11-1136
536 Series .....TM 11-235 TB 11-235-1, TB 11-235-3 TB 11-235-4, TB 11-235-5 TB 11-235-6, TB 11-235-7
538 Series.....TM 11-600
In Car, Light Armored, M8 ..... TM 11-2702
In Tank—
Medium, M3 TM 11-2706
Medium, M4 TM 11-2704
In Vehicle, Tank Recovery, T2 .....TM 11-2703
543 .....TB 11-625-1
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545-A ...TM 11-1327, TM 11-1427 TB 11-1127-4, TB 11-1127-1, TB 11 1127-5, TB SIG 34, TB SIG 114
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Light Armored, M8... ..... TM 11-2702
In Carrier, Personnel, Half-Track M5 or M5A1.... .....TM 11-2711
In Truck, ¾-Ton, 4 x 4.... ..... TM 11-2710
A .....TM 11-620
A and B.....TB SIG 32
609—
A ...TM 11-615, TM 11-615A TB 11-615-1, TB 11-615-3, TB 11-615-5
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610 Series TB SIG 70, TC 105, 1943
In Car—
Half-Track, M2..... ..... TM 11-2701
Light Armored, M8... ..... TM 11-2702
In Carrier, Personnel, Half-Track M5 or M5A1..... .....TM 11-2711
In Truck—
¼-Ton, 4 x 4 TM 11-2707
¾-Ton, 4 x 4 TM 11-2710
2½-Ton, 6x6 TM 11-2709
In Vehicle, Tank Recovery, T2 .....TM 11-2703
610-
A ...TM 11-615, TM 11-615A TB 11-615-1, TB 11-615-2 TB 11-615-3, TB SIG 45
A and B.....TB 11-615-4, TB SIG 115
614-A .....TM 11-873
615 .....TM 11-1141 TB 11-1541-1
A .....TM 11-1341
T-1 .....TB 11-1541-1
627 .....TM 11-1052
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628 Series.....TB SIG 70
In Car—
Half-Track, M2..... ..... TM 11-2701
Light Armored, M8... ..... TM 11-2702
In Carrier, Personnel, Half-Track M5 or M5A1..... .....TM 11-2711
In Truck, ¾-Ton, 4 x 4.... ..... TM 11-2710
A .....TM 11-620
A and B.....TB SIG 32
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682-A .... FM 4-97, TM 11-1561, TM 11-1461, TB SIG 87, TB SIG 92
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8-Ton, Gross, 2-wheel (2 dt) (1516) .....TM 9-890
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Animal & Cargo (Trailer TD-32-C) .....TM 10-1110
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Carter .....TM 10-1213
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Drop-Frame, 25-Ton Ponton—
Electric Wheel .....TM 5-9014
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Chevrolet, Dodge Ford-(GPN), GMC, and Willys (MB) Trucks, Reclamation .....TB 9-2830-45
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Bomb Service Truck, M6.TM 9-1765A
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Electric Disston .....TM 5-4041
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Disston, G1-G5 .....TM 5-4050
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A.P.—
108-lb, M1911 .....FT 6-C-2
260-lb—
Mk. VII, and Mods.....FT 8-G-2
Mk. X .....FT 8-G-2
Mk. XX .....FT 8-H-1, 8-I-1
823-lb, M1911 .....FT 8-E-1
900-lb, Mk. XV .....FT 12-E-2
1660-lb, M1909....FT 14-H-1, 14-I-1
2240-lb, Mk. 12, (Formerly Mk. XI) .....FT 16-E-1
C.I.—
108-lb, M1911 .....FT 6-C-2
700-lb. .....FT 12-G-2
824-lb. .....FT 12-A-4
900-lb, Mk. I.....FT 12-E-2
1046-lb. .....FT 12-A-4, 12-G-2
1400-lb, Mk. XIV..FT 14-B-2, 14-C-1
1560-lb, Mk. XI...FT 14-A-2, 14-D-1, 14-G-2
1660-lb, M1909....FT 14-H-1, 14-I-1
2340-lb, Mk. VII.....FT 16-C-1
Chemical—
Mk. ID .....FT 3-45-A-1
Mk. II .....FT 155-D-3
Mk. IIA1, and Mods.....FT 155-V-2
Mk. VII .....FT 155-B-5
Mk. VIIA1 .....FT 155-U-1
M57 .....FT 81-Q-2
M60 .....FT 105-H-3
M64 .....FT 75-1-4
M104 .....FT 155-S-2, FT 155-U-1

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Chemical Mortar:
4.2-inch, M2 .....TB 3-320-7S3
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D.P—
700-lb. .....FT 12-A-4, 12-G-2
824-lb. .....FT 12-A-4, 12-G-2
1046-lb. .....FT 12-A-4, 12-G-2
Empty, for sandloading, 95-lb, Mk. I and Mk. III .....FT 155-B-5, FT 155-D-3
Fixed, H.E.—
Mk. I .....FT 75-AD-5, FT 75-B-4, TD 75-B-4, 2b., TD 75-B-4, 2C, FT 75-E-3
Mk. IX .....TJC 3AA-K-3, 3AA-L-2
M38 .....TJC 105-AA-E-1c,
M38A1 .....FT 105-J-2
M41A1 .....FT 75-1-4
M42A1 .....FT 3-R-2, FT 76-A-4, FT 3-Q-1
M43A1 ..FT 81-B-3, 81-H-1, 81-R-1
M48 .....FT 75-1-4, FT 75-AD-5, 75-AF-1, 75-Z-2, TD 75-Z-2a
M54 .....FT 37-AA-N-2
M63 .....FT 37-S-3
M66 .....FT 7[illegible]-4
M71 .....FT 90AA-B-3
M1935 .....FT 3-M-2
Fixed, practice—
Mk. I, Sandloaded.....FT 75-E-3
Mk. IIAI .....FT 37-O-1
Mk. VII .....FT 3-M-2
Mk. VIIA1 .....FT 3-M-2
M48, Sandloaded .....FT 75-AF-1
M55A1 .....FT 37AA-N-2
M63 .....FT 37-BA-2
M92 .....FT 37-BJ-1
M94 .....FT 37-C-2
Fixed, smoke, phosphorus—
Mk. II .....FT 75-AD-5
H.E.—
Mk. I .....FT 155-D-3
Mk. IA1 .....FT 155-V-2
Mk. II .....FT 6-D-2
Mk. 11A2 .....FT 6-F-2
Mk. III ...TD 155-B-4a, FT 155-B-5, FT 240-B-2
Mk. IIIA1 .....FT 155-U-1
Mk. ID .....FT 3-45-A-1
M42A1 .....TJC 3AA-O-3
M49A2..FT 60-A-3, 60-A-4, 60-D-1, 60-D-3
M56.....FT 81-C-2, 81-H-1, 81-Q-2, 81-S-1
M65 .....FT 4.5-A-1
M71 .....FT 90-C-3
M78 .....FT 4.7AA-C-1
M101 .....FT 155-S-2, 155-U-1
M102 .....FT 155-V-2
M103 .....FT 8-L-2
M107 .....FT 155-Q-2
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T17E1 .....FT 155-AF-1, FT 105-P-1
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Mk. I .....FT 8-A-3, 8-D-2
Mk. IA1 .....FT 8-K-1
M106 .....FT 8-J-1
240-lb, M103 .....FT 8-I-1
700-lb.—
Mk. VI .....FT 12-N-2
Mk. X .....FT 12-N-2
Illuminating, M83A1 .....FT 60-G-1
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M48 .....FT 81-B-3
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M44 .....FT 81-B-3
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260-lb.—
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TRACKERS, M2...TM 9-1671B, TB 9-1671B-1

TRACKS:
Tank, Light, M3.....TM 9-1726B
Tank Light, T9E1.....TM 9-1724B

TRACTOR OPERATORS, Protection..TB ENG 4

TRACTORS: (For Attachments Used With Models, See Descriptive Titles in Lists)
All Types, Technical Data...TB 5-9720-11
Allis-Chalmers—
HD7 .....TM 5-3378, TM 5-3392
HD14 .....TM 5-3360, TM 5-3362, TM 5-3364, TM 5-3366, TM 5-3368, TM 5-3370, TM 5-3372, TM 5-3374, TM 5-3394
Battery-Powered .....TB QM 4
Caterpillar R5 .....TM 5-3418
Crawler—
Diesel, 70 to 90 DBHP, Standard or rigid, International TD-18, 74-inch Gauge .....TB 5-3280-1
Gasoline, 35-DBHP, Standard, Caterpillar R 4 44-inch Gauge with LeTourneau A-4 Tilting-blade LeTourneau HN Power Control Unit and Hyster D-4A Winch..... .....TB 5-3140-1
Engineering, Armoring .....TB ENG 4
International—
0-4 and 0-6.....TM 5-3408
0-12 .....TM 5-3410
W-4 .....TM 5-3404

TRACTORS, AMPHIBIAN, T33.....TM 9-784

TRACTORS, CRANE:
1-Ton—
(International T6) .....TM 9-2778, TM 5-3226
M1 (Allis-Chalmers) .....TM 5-3004, TM 5-3210, TM 5-3212
2-Ton—
M2 (Caterpillar D6).....TB ENG 13
M5 (International T-9)..TM 9-1781A, TM 9-1781B, TM 9-1781C

TRACTORS, CRAWLER:
Clark, CA-1 .....TM 5-3020, TB 5-3020-1, LO 1041
Caterpillar D4 .....TM 5-3117, TM 5-3121
Caterpillar D6 .....TM 5-3101
Caterpillar R4 .....TB 5-3140-1
TB-18 74-inch Gauge .....TB 5-3280-1

TRACTORS, HEAVY:
Caterpillar—
D7 .....TM 5-3068, TM 5-3070, TM 5-3072, TM 5-3074, TM 5-3076, TM 5-3078, TM 5-3080, TM 5-3082, TM 5-3084, TM 5-3090, TM 5-3092, TB 5-3070-1, TB ENG 13, LO 1008
D8 .....TM 5-1372, TM 5-3040, TM 5-3040, TM 5-3042, TM 5-3044, TM 5-3046, TM 5-3048, TM 5-3050, TM 5-3052, TM 5-3056, TM 5-3154, TM 5-3434, TB 5-3046-1, TB ENG 13, LO 1026
M1 (Allis-Chalmers, HD10W)..TM 5-3346, TM 5-3350, TM 5-3352, TM 5-3354, TM 5-3356, TM 5-3388, TM 5-3390, TM 9-787A, TM 9-787C, TM 9-1787A, TM 9-1787C, TM 9-1787D
M1 (Caterpillar, RD7).....TM 9-1778
M1 (International, TD-18)....TM 5-3280, TM 5-3398, TM 5-3400, TM 9-777, TM 9-786B, TM 9-1777A, TM 9-1777B, TM 9-1777C, TM 9-1777D, TM 9-2777

TRACTORS, HIGHSPEED:
13-Ton, M5 (International).....TM 9-786, TM 9-1786A, TM 9-1786B, TB 9-786-FE1, TB ORD 66, TB ORD 179, TB ORD 200, LO 123
18-Ton, M4 (Allis-Chalmers)...TM 9-785, TM 9-1785A, TM 9-1785B, TM 9-1785-2, TB 9-1785B-1, TB 9-1785B-2, TB ORD 200, TB ORD FE16, LO 123
38-Ton, M6 (Allis-Chalmers)...TM 9-788, TM 9-1785A, TM 9-1788, TB 9-788-1, TB 9-788-2, TB ORD 200, TB ORD FE16, LO 147

TRACTORS, INDUSTRIAL:
International—
1-20 .....TM 5-3412
1-30 .....TM 5-3414
1-40 .....TM 5-3416

TRACTORS, LIGHT:
(Caterpillar D2) .....TM 5-3340
M2, (International, T-6).....TM 5-3226
Wheeled, Industrial Type (Allis-Chalmers B) .....TM 9-780B, TM 9-782

TRACTORS, MEDIUM:
(Caterpillar D4) ...TM 5-3110, TM 5-3112, TM 5-3114, TM 5-3116, TM 5-3118, TM 5-3120, TM 5-3122, TM 5-3126, TM 5-3420, TB 5-3112-1, TB 5-3118-1, TB 5-3124-1, TB ENG 13, LO 1009
(Caterpillar D6) ...TM 5-3100, TM 5-3102, TM 5-3162, TM 5-3164, TM 5-3168, TM 5-3422, TM 5-3428, TM 5-3430, TM 5-3432

TRACTORS, MEDIUM: (Continued)
M1 (Allis-Chalmers HD-7W)...TM 5-3194, TM 5-3196, TM 5-3200, TM 5-3344, TM 5-3384, TM 5-3386, TM 5-3392, TM 9-783B, TM 9-1783A, TM 9-1783B, TM 9-1783C
M1 (Allis-Chalmers WM).....TM 5-3004, TM 5-3210, TM 5-3212
M1 (International T-9).....TM 5-3222
M1 (International TD-14).....TM 5-3272, TM 5-3396, TM 5-3402
M1, W/Angledozer (New Caterpillar R4) ..... TM 5-3132, TM 5-3134, TM 5-3136, TM 5-3138, TM 5-3140, TB 5-3132-1, LO 1025
M1, W/Angledozer (Cletrac BG) TM 5-3190
TRACTORS, SHOP, T10.....TB ORD 61, TB ORD 199
TRACTORS, SNOW, M7 (T26E4)....TM 9-774, TB 9-774-1, TM 9-1774, LO 208
Truck, M26 .....TB 9-1767A-FE1
TRACTORS, WHEELED:
Case, D1 .....TM 5-3000, TB 5-3000-1, TB 5-3006-1, LO 1027
Case, LA1 .....TM 5-3010, LO 1029
Case, SL-Airborne .....TM 5-3014, TB 5-3012-1, TB 5-3012-2, LO 1043
(International, 1-6) ..TM 5-585-1, LO 1010
Clark, Standard and Mills (Gasoline)... ..... LO 6008
Rubber-Tired, Gasoline 23-DBHP, Standard, Case SI, with LaPlant-Choate, Power-Control Unit.....TB 5-3012-2
3,300 Lb. Drawbar Pull.....TM 1-1624
TRAFFIC:
Military .....FM 101-15
Signs, Military .....TB ENG 15
TRAILERS:
Ammunition, M10 (Substitution of Tires) .....TB 9-333-1
M10 .....TM 9-333
Bomb. M5, Installation of bomb hold down U Bolts .....TB 9-760-FE2
¼-ton, 2-Wheel ..... TB ORD 204
¼-ton Payload, Cargo.....TB ORD FE3
1-ton Payload, Cargo.TM 9-883, TB 9-883-1
1-ton Payload, Cargo, Nash-Kelvinator.. ..... TM 10-1458
1-ton Payload, Watertank.....TM 9-883, TM 10-1454
5 to 6-ton Payload, Cargo, Hobbs..... ..... TM 9-887
6-ton Winter Weiss.....TM 10-1170
6-ton Payload Hobbs.....TM 10-1352
7-ton, Stake and Platform, Edwards.... ..... TM 9-882
45-ton, Payload, 12 Wheel (12DT), M9. ..... TB ORD 91
Two-Wheel—
QWT-T8, Timpte .....TM 5-9968
1-ton .....LO 522, 511
1¼-ton, Arc Welder, Electric Wheel, D-1752-S ....TM 5-9058, TB 5-9059, LO 1032
2½-ton—
Oil City .....TM 5-9816
Quick-Way QWT-8 ...TM 5-9174
Timpte QWT-8 .....TM 5-9968, LO 1002
Type 1, Infantry Raft Equipment and/or Pneumatic Bridge Equipment, Deere, D-2252 .....TM 5-9072
Type 1, Infantry Raft Equipment and/or Pneumatic Bridge Equipment, Deere, D-2424 .....TM 5-9074, TB 5-9074-1
TRAILERS: (Continued)
Two-Wheel—(Continued)
2½-ton—(Continued)
Type I, Utility, Pole-Type, Infantry Raft Equipment and/or Pneumatic Bridge Equipment, Electric Wheel, Model D-2498 .....TM 5-9460
Type II, Trestle Bay Load, 10-ton Ponton Bridge, Deere D-1665 .....TM 5-9076
Type II, Trestle Bay Load, 10-ton Ponton Bridge, Electric Wheel, 1938 .....TM 5-9064
Type II, Trestle Bay Load, 10-ton Ponton Bridge, Kentucky D-2471 .....TM 5-9184
Type II, Trestle Bay Load, 10-ton Ponton Bridge, and/or Type IV, Utility Power Boat, Electric Wheel, D-1820-S... ..... TM 5-9066
Type II, Trestle Bay Load, 10-ton Ponton Bridge and/or Type IV, Utility Power Boat Fruehauf T-1120-A.TM 5-9002
Type III, Triangulation Tower, Meili-Blumberg 15-T ..... ..... TM 5-5900
Type V, Storm Boat, Deere, D-2476 .....TM 5-9190
4-Wheel, All Models.....LO 521, 513
Bay City Shovel, B-16.....TM 5-9442
K-34-D .....TM 11-1056
K-34-E .....TM 11-2053
K-76-A and K-77-A.....TM 11-1090
LKD-620, 20-ton .....TM 5-9208
LXS 408, 8-ton, Jahn.....TM 5-9444
Ammunition—
M10 .....TM 9-333
M21 .....TM 9-792
M23 (T34E2) 8-ton, 4 wheel..... ..... TM 9-793
Armored—
M8 .....TM 9-791
Athey—
6-ton .....TM 9-790A, TM 9-1790A, TB 9-790A-1
20-ton .....TM 9-790B, TM 9-1790A
Bomb—
1-ton, T53 .....TM 9-797
M5 ..... TM 9-760, TB 9-1760-3 TB 9-760-FE1, TB 9-1618, LO 25
Clamshell, M16 .....TM 9-771
Director, M13 .....TB ORD FE4
Dump, Towed Type, 2-Wheel, ½-ton, Converto .....TM 5-9084, TB 5-9084-1
Full, Flat Bed, 8-ton
Hanson, SP8 .....TM 5-9440
Jahn, LKS-408 .....TM 5-9454
Winter Weiss S-4, S-8.....TM 5-9452
Full, Low bed—
8-ton, Fruehauf and Winter-Weiss CPT-8 Special .....TM 5-9032
16-ton—
Fruehauf CPT-16 Special..... ..... TM 5-9026
Jahn LKD-616 .....TM 5-9202, LO 1046
LaCrosse .TM 5-9204, TM 5-9040, TM 5-9042, TM 5-9044, TM 5-9054, LO 1046
Standard, XBBM ....TM 5-9004, TM 5-9200
Stell XBBN, Rogers H-16-L-C. ..... LO 1046
20-ton—
Rogers H-20-LS-4 ...TM 5-9022
Timpte 2-OA-20 .....TM 5-9184
TRAILERS: (Continued)
Full, Low bed—(Continued)
60-ton—
Rogers, D-60-D-S-5 ..TM 5-9212
Generator, M7 .....TM 9-881, TB ORD FE4, LO 155
Map Reproduction, Fruehauf, FFI-228.. ..... TM 5-9750
Motor Vehicle Units .....TM 10-560
Ponton, 10-ton, 2-wheel, Pole Type..... ..... TM 5-9030
Refrigerator .....TM 10-1614
Snow, 1-ton, M-19.....TM 9-774, LO 208
Tank Transporter .TM 5-1242, TM 10-1822
Tilting, 4-ton, Commercial Shearing..... ..... TM 5-9102, TB 5-9102-1
Tilting, 2-wheel, 6T Type III, Meili Blumberg .....TM 5-9450
Tilting, Searchlight, 60-in. 4-wheel, Fruehauf, 1131, Type M-1.....TM 5-7044, TB 5-7044-1
Tractor, Crane, T26 (7-Ton)....TM 9-794
Track-Press, Rogers, 11, with 5½". Cylinder 40", Pump, Wisconsin Engine, Solenoid Throttle Control & Rogers Power Track Wrench, Rogers Hydraulic .....TM 5-9756
TRAINEES: Air Crew, Mathematics..TM 1-900
Truck, Transporter 45-Ton M19..TM 9-768
Truck, 40-ton Tank Transporter M25; Correct Winch Brake Operation and Adjustment .....TB 9-767
TRAINER BOX, BC 1070 (A) (Master).... ..... TM 11-1058
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AA Machine Gun, M9 Maintenance..... ..... TM 9-1221
BC-968-A .....TM 11-1062, TB 11-1062-1
BC-968-A .....TB 11-1062-1
Director, M8 .....TM 9-657
Field Artillery .....TM 6-225
M3 .....TC 29, 1943
Machine Gun—
M9 Antiaircraft .....TM 9-221,
T9, Cal. .30 .....TB 9-205-5
Stereoscopic, All Types .....TM 9-654
TRAINING:
Aids—
Military .....FM 21-8
Target Material .....TM 9-855
Chemical Agents .....TM 3-305
Driver Selection .....TM 21-300
Driver Vehicles, Half- and Full-Track... ..... TM 21-301
Films .....FM 21-7
Individual and Unit.....TM 6-605
Literature, changes .....TC 19, 1944
Mess Management .....TM 10-205
Physical .....FM 21-20
Physical, WAC .....FM 35-20, TC 40, 1944
Recognition .....FM 21-30
Signal, sea voyages.....TC 11, 1944
Special training units.....TC 26, 1944
Venereal disease .....TC 22, 1944
TRAINING AIDS, FM 21-8.....TC 36, 1944
TRAMWAY:
Light Aerial, M2.....TB ENG 16
Special Aerial, with 4" Stroke AHH Wisconsin Engine, Stearns-Rogers..... ..... TM 5-9574
TRANSCRIBER, Double Toneband.TM 11-2512, TB 11-2512-1
TRANSFORMERS:
High Voltage .....TB 11-1426-1,
Replacement, Installation in Radio Sets SCR-602-T6, SCR-602-A and Power Supply Unit, PE-172.....TB 11-1526-2
TF-13 .....TB SIG 153
TRANS-JORDAN: Medical and Sanitary Data .....TB MED 126

TRANSLITERATION:
Japanese Words .....TC 103, 1942
TRANSRECEIVER, Facsimile, FX-1 and FX-1B .....LO 3038
TRANSMISSIONS:
½-ton Truck, Chevrolet, Conversion of 1937 through 1940 for use in a 1941 and 1942 Chevrolet 1½-ton Truck Transmission .....TB 9-2830-80
1½-ton, Dodge (1934-1939), Conversion .....TB 9-2830-82
GMC T16 (1938) & AFKX (1940), Conversion .....TB 9-2830-21
Half-Track Vehicles .....TM 9-1710
Hydra-Matic, Tanks, Light, M5 M5A1, and 75-mm, Howitzer Motor Carriage MB .....TM 9-1727C
TRANSMISSION SYSTEMS:
Telegraph, Telephone, Long Distance, Principles .....TM 11-475
Base-End Data and Gun Data (Seacoast Artillery) .....FM 4-32
TRANSMITTER-RECEIVER:
Beacon—
AN/PPN-1A .....TB 11-1140A1
AN/PPN-2 .....TM 11-1145
TRANSMITTERS: (See also Radio Transmitters)
Mark 32 Type, Japanese Radio Set.....TB SIG E 19
Radio—
Life Boat, Portable Model ET-8026 .....TM 11-830
Telegraph, Telephone .....TM 11-824
Telephone, Disposition .....TB SIG 137
Sealed, Disposition .....TB SIG 137
BC-365-F .....TM 11-828
BC-407-A .....TB SIG 68
BC-407-A and BC-677.....TB SIG 40
BC-1081-A ...TB 11-1426-1, TB 11-1426-6
BC-1081-T6 .....TB 11-1426-2
TRANSPORTATION:
Animal .....FM 25-5
Decontaminating Apparatus, M4..... TB 3-222-1
Dogs .....FM 25-6
Military Railway Service, Rules.TM 55-265
Motor .....FM 25-10
Pack .....FM 25-7
QM, Motor .....TB 10-475-1
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Sick and Wounded.....FM 8-35
Water .....TM 10-380
Zone of the Interior.....TM 55-205
TRANSPORTERS: 6x4, Diamond T. Motor Car .....TM 10-1255
Tank, Truck Trailer, 40-ton M25..... .....TB 9-767-2
TRAPS, Booby, Land Mines.....FM 5-31
TRAVEL, Allowances WD Personnel..... ..... TM 14-503
TRAVERSING:
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Electric, Tanks, Medium, M4 and Modifications .....TM 9-1731E
Hydraulic, Tank, Medium M4 and Modifications .....TM 9-1731G
Turret, Hydraulic (Logansport) Tank, Medium, M4 and Modifications .....TM 9-1731F
TRAYS:
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Location ..... TB ORD 206
TREADS, Rubber, Maintenance and Care.... .....TM 31-200, TB 31-200-6
TREADWAYS, Steel, Reducing Twist Due to Torque V-Approach for Steel Treadways... ..... TB 5-272-3
TREATMENT:
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Respiratory Depression and Asphyxia.... .....TB MED 131
Suspension-Traction, Fractures..... .....TB MED 133
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TRENCH FOOT .....TB MED 81
TRESTLE:
Equipment, Steel V-Type.....TM 5-375
Steel Unit, Light Standard and Standard ..... TM 5-374
TRICHOMONAS, Vaginalis, Vaginitis.TB MED 8
TRIGONOMETRIC: For Artillery...TM 20-230
TRIPOD, ML-78( ) .....TM 11-423
Instructions for Modification LG-21.... .....TB 11-392-1
TROOPS:
Airborne .....FM 31-30, TC 113, 1943
Combat, Operations .....FM 100-5
Engineer .....FM 5-5
Mechanized, Cavalry Reconnaissance.... ..... FM 2-20
Mountain, Supply .....TB ENG 16
Signal, Training, Sea Voyages..TC 11, 1944
TRUCKS:
¼-ton, 4 x 4—
Amphibian (Ford GPA)—
Fuel Line .....TC 47, 1943
Radio Equipment ....TM 11-2707, TM 11-2715
Command Reconnaissance (Bantam, 40-BRC) ..TM 10-1204, TM 10-1205, TB 11-904-2
Ford—
All Types .....TB 9-803-3, TB 9-803-5, TB 9-803-6, LO 501
GP .....TM 10-1101
GPA .....TB 2830-69
GPW ....TM 9-803, TM 9-1803A, TM 9-1803B, TB 9-803-FE-1, TB 9-803-FE3, TB 9-803-FE4, TB 9-1803A-1, TB ORD 10
Monroe, M1 .....TB 5-9401-1
Willys—
All Types ....TB 9-803-4, LO 501
Ford GPW .....TB 9-803-FE2, TB 9-803-FE3, TB 9-803-FE3, TB 9 803-FE4
MA .....TM 10-1102
MB .....TM 9-803, TM 9-1803A, TM 9-1803B, TB 9-803-5, TB 9-803-6, TB 9-803-FE1, TB 9-1803A-1, TB ORD 10
⅛-ton and ¾-ton, 4 x 2—
Chevrolet—
All Types .....LO 539
AK 3103, 3104.....TM 10-1308
AK 3116 .....TM 10-1306, TM 10-1308
BK 3101 .....TM 10-1306
BK 3103 .....TM 10-1250, TM 10-1251
½-ton, 4 x 2—
Chevrolet, Various Models..... TM 10-1305, TM 10-1310
Dodge—
All Types .....TB 9-2840-14, LO 542
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Ford—
All Types ...TM 10-1139, LO 541
20C .....TM 10-1436
21STF .....TM 10-1541
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½-Ton, 4 x 4—
Dodge—
Various Models .....TM 10-1120, TM 10-1122, TM 10-1128, TM 10-1152, TM 10-1153, TM 10-1180, TM 10-1181, TM 10-1195, TM 10-1201, TM 10-1209, TM 10-1211, TM 10-1368, TM 10-1442, TM 10-1443, TB ORD 10-1123-1, TB ORD 42, LO 512
T-202 .....TM 10-1194, TM 10-1210
T-203 .TB 9-2830-39, TM 10-1178, TM 10-1192, TM 10-1193
T-207 .....TM 10-1198
T-211 .....TM 10-1200
WC-43 .....TM 10-1444, TM 10-1445
¾-Ton—
4 x 2, (Chevrolet, KD, KE)..... ..... TB ORD 39
4 x 4, (Dodge, T-214).....TM 9-808, TM 11-2710, TM 10-1580, TB 9-808-4, TB 9-808-5, TB ORD 47, TB ORD FE3, LO 508
1½-Ton, 4 x 2—
Chevrolet—
All Types ....TB ORD 39, LO 536
4103-MR .....TM 10-1410, TM 10-1411, TM 10-1465
4103-YR .....TM 10-1316
4109-MR .....TM 10-1340, TM 10-1341
4403 .....TM 10-1525
5103 .....TM 10-1321
T-208 .TB 9-2830-39, TM 10-1192, TM 10-1193
Dodge, T-112 .....LO 535
Ford—
All Types .....TM 9-806, TM 9-1806A, TM 9-1806B, TB 9-2830-39, LO 532
2GT .....TM 10-1329
28GT .....TM 10-1433
GMC, CF-351 .....TM 10-1703
1½-Ton, 4 x 4—
Chevrolet—
Various Types .....TM 9-805, TB 9-1765B-1, TM 10-1202, TB ORD 39, TB ORD 86, TB ORD 10-1557-2, LO 503
Oversize Tie Rod Yoke Bolt.... ..... TB ORD 211
G7116 .....TB ORD 10-1557-1
G-7123NN .....TM 10-1131
G-7133 .....TM 10-1235
Ford, GTB .....TM 10-1435, LO 511, TB ORD 10-1435-FE1
Dodge, T-208 .....TM 10-1179, TM 10-1199
1½-Ton Dodge, 1939, 1940-1941..... ..... TB 9-2830-83
1½-Ton, 6 x 6 (Dodge, T-223)..TM 9-810, TB 9-810-1, TB ORD 26, LO 522
1½- to 3-Ton—
GMC—
All Types .....TM 10-1400
AFKX-352 .....TM 10-1214, TM 10-1215, TM 10-1231, TM 10-1265, TM 10-1401, LO 1013
2½-Ton, 4 x 2—
Federal, 2G ....TM 9-821, TM 9-821x, TM 9-1821, TB 821-FE1, LO 531
International—
KR-8-R .....TM 10-1561
KR-11 .....TM 10-1687

TRUCKS: (Continued)
2½-Ton, 4 x 2—(Continued)
Mack, EES .....TM 10-1190, TM 10-1191
(2dt) International, K-7...TM 9-822, TM 10-1114, TM 10-1115, TM 10-1140, TM 10-1141, TM 10-1172, TM 10-1173, TM 10-1344, TM 10-1345, TM 10-1510, TM 10-1684, LO 533
3½-Ton, 4 x 4, C.O.E. Autocar—
U-2044 .....TM 10-1392, TM 10-1394
U-4044 .....TM 10-1396
2½-Ton, 6 x 4—
All Makes .....TB ORD 26
GMC, CCW-353 .....TB ORD 13, TB ORD 62, TB ORD 167, LO 538
Mack, NB .....TM 10-1188, TM 10-1189
Studebaker & Reo, US 6....TM 9-807, TM 9-1807, TB 9-807-4, TB 9-1807-1, TB ORD 86
2½-Ton, 6x4, Cargo (Studebaker).....
.....TM 9-807, TM 9-1807, TB ORD 10-1564-1, LO 526
2½-Ton, 6 x 6—
All Makes .....TB ORD 26
Amphibian ..TB ORD 186, TB ORD 167
Cargo, All Makes, Radio Equipment
..... TM 11-2709, TB SIG 97
GMC—
Amphibian (GMC DUKW-353) (Correcting Corrosion and Waterproofing procedure)...
.....TB 9-802-8; TB ORD 185, TB 9-802-7
Amphibian (GMC DUKW-353) Hull Drainings and Ventilation; Bilge Pump and Bilge Pump Valve Manifold Cold Weather Precautions .....
.....TB 9-802-9
All Models.....TM 9-1801A, TB ORD FE 13, TB 9-2830-39, TM 9-1801B, TB 9-2830-63, TB ORD 54, TB ORD 184
ACKWX-353 .....TM 10-1232, TM 10-1233
AFKWX-353 .....TM 9-809, TM 9-1809, TB 9-1801-1, TB ORD 13, TB ORD 26, TB ORD 86, LO 537
AFKX—
352 .....TM 10-1226
804 .....TM 10-1701
ASFX-352 .....TM 10-1136
Coe AFKWX .....TB ORD 185
144-Inch, 2½-Ton, 6x6, 114-Inch Wood or Steel Cargo Body (GMC) Location and Installation of Ordnance Maintenance Set "G".....
..... TB 9-1801-5
Set "H" .....TB 9-1801-4
Set "L" .....TB 9-1801-2
(Oversize tie rod Yoke Bolt)
..... TB ORD 211
CCKW—
352 ...TM 9-801, TM 9-1801, TM 9-1802A, TM 10-1146, TM 10-1268, TB 9-801-4 TB 9-801-8, TB 9-801-9, TB ORD 13, TB ORD 14, TB ORD 26, TB ORD 27, TB ORD 32, TB ORD 47, TB ORD 85, TB ORD 86, TB ORD 127, TB ORD 167, TB ORD 186, LO 504

TRUCKS: (Continued)
2½-Ton—(Continued)
GMC—(Continued)
CCKW—(Continued)
353 .....TB 9-1801-3
352 and 353..TB 9-801-FE1, TB ORD 185
CCKW-353 TM-9-801, TM 9-1801, TM 9-1802A, TM 10-1146, TM 10-1268, TB 9-801-4, TB 9-801-8, TB 9-801-9, TB ORD 13, TB ORD 14, TB ORD 26, TB ORD 27, TB ORD 32, TB ORD 47, TB ORD 62, TB ORD 81, TB ORD 85, TB ORD 86, TB ORD 127, TB ORD 167, TB ORD 186, LO 504, LO 1014
Cargo, (International, M-5-6).....
..... TM 10-1504, TM 10-1505
General Motors, CCKWX-35.....
..... TM 10-1104
GMC-DUKW-353 (Amphibian) ....
TM 9-802, TM 9-1802A, TM 9-1802B, TM 9-1802C, TB 9-802-2, TB 9-802-3, TB TB 9-802-5, TB 9-802-6, TB 9-802-7, TB 9-802-8, TB 9-802-10, TB 9-802-FE1, TB 9-1802B-2, TB ORD 5, TB ORD 13, TB ORD 26, TB ORD 54, TB ORD 81, TC 55, 1943, LO 505
Studebaker & Reo, US 6...TM 9-807, TM 9-1807, TM 10-1564, TB 9-807-3, TB 9-807-4, TB 9-1807-1, TB ORD 86, TB ORD 127, TB ORD 10-1564-1, LO 515
4-Ton—
4 x 4, Cargo (Four Wheel Drive, HAR-1) ...TM 9-815, TM 9-1815A, TM 9-1815B, LO 524
6 x 6—
Diamond T, Various Models TM 9-811, TM 9-1811 TM 10-1532, TM 10-1604, TM 10-1606, LO 507
Diamond T, 967.....
..... TM 10-1602, TM 10-1603
4- to 5-Ton, 4 x 4—
C.O.E., Tractor—
Autocar, U-7144T ....TM 9-816, TM 9-1816, TM 10-1116, TM 10-1567, LO 502
Federal ...TM 9-820, TM 10-1458
94 x 43 .....
.. TM 9-1816, TM 10-1106
94 x 43C .....LO 509
5-Ton, 4 x 2—
International—
H542 .....TM 9-812, TM 9-1812, TB 9-812-1, TB 9-812-2, LO 543
KR-11 ....TM 9-823, TM 9-1823, TM 10-1144, TM 10-1145, TM 10-1383, TM 10-1686, LO 534
5-Ton, 6 x 4—
GMC CCW—
352 .....TB ORD 185
353 .....TB ORD 186
International—
M-5-6 .....TM 10-1463
M-5-6-4 .....TM 10-1462
Mack, LM-SW .....TM 10-1327
5- to 6-Ton, 4 x 4—
Autocar—
U-7144-T ..... TB ORD 216, TM 10-1117, TM 10-1566, TM 10-1568

TRUCKS: (Continued)
5- to 6-Ton, 4 x 4—(Continued)
Autocar—(Continued)
U-8144-T .....TM 9-817, TM 9-1817, TM 10-1118, TM 10-1119, LO 525
Mack, NJU-1.TM 10-1704, TM 10-1705
SU-COE .....TM 10-1377
6-Ton, 6 x 6—
Brockway .....TB 9-813-FE1, TB ORD 216, TM 9-813, TM 10-1676, TB 9-813-1, TB 9-813-2, LO 518
Corbitt ..... TB ORD 216, TM 9-813, TM 10-1108, TM 10-1109, TB 9-813-1, TB 9-813-2, LO 521
Mack—
4DT ...TB ORD 216, TM 10-1600
NM .....TM 10-1182, TM 10-1183, LO 517
NM-5 .....TM 10-1477
White, 666 ..TB ORD 216, TM 9-813, TM 10-1220, TB 9-813-1, TB 9-813-2, LO 506
7½-Ton, 6 x 6, Mack.....TM 9-814, TM 10-1478, TB 9-814-2, TB 9-1814B-2, TB ORD 10-1479-1, TB ORD 10-1679-1, TB 10-1679-FEI, LO 513
10-Ton, 6 x 4—
Mack .....TM 9-818, TB 9-818-2, TM 9-1818A, TM 9-1818B, TM 9-1918A
Cargo, NR .....LO 523
White, 1064 .....TB ORD 175, LO 520
12-Ton, 6 x 4, M20, Diamond T.....
TM 10-1225, TB ORD 10-1225-1, TB ORD 91, TB ORD 103, LO 160
20-Ton, 6 x 4, Federal, 604...TB ORD 175, LO 516
K-44 B .....TM 11-364
Basic Signal Corps Repair Conversion of Ordnance Small Arms Repair Truck...
.....TB SIG 112
Bomb Lift—
M1 .....TB 9-765-1, LO 26, LO 56
M22 .....LO 124
Bomb Service—
M1—
Ford .....TM 9-761
GMC TM 9-763, TB ORD 33, LO 26
M6, Chevrolet .....TM 9-765, TM 9-1765A, TM 9-1765B, LO 56
M27 .....TM 9-766, LO 547
Company, Amphibian .....FM 55-150
Construction, Field Wire.....TB SIG 97
Dump, Hydraulic Pump.....TB ORD 59
Fire, Central Fire Truck Corps, 1500...
..... TM 5-9390
Fork-Lift .....TM 10-1622, TB QM 4
Clark—
Carloader and Utilitruc and Cleveland, 6000 ..TB 10-1638-1,
Clipper, Gasoline .....TB 10-1639-1 LO 6010
Planeloader .....TB 10-1640-1, LO 09
Vaughan, TAW Mobilift.....LO 6004
Heavy Duty, Transfer Case...TC 14, 1944
Lift, M22 .....TM 9-762
Mounts, Machine Guns.....TM 9-224
Ordnance Small Arms Repair, Conversion to Basic Signal Corps Repair Truck..
.....TB SIG 112
Straddle Lumber .....TB QM 4
Tractor, 40-Ton, Trailer, M25...TM 9-767, TM 9-1767A, TM 9-1767C, TB 9-767-1, LO 138, LO, 138A

TRUCKS: (Continued)
Trailer—
40-Ton, Transporter, M25..TM 9-767, TM 9-1767B, TM 9-1767E, TB 9-767-1, LO 138, LO 138A
45-Ton, Transporter, M19..TM 9-768, TB ORD 91, TM 9-1768A, TB ORD 91, TB ORD 10-1225-1
Wrecking, Heavy—
M1 (Kenworth) .....TB ORD 216, TM 9-1759C, TB 9-796-1
M1 (Ward LaFrance)....TM 9-1795B, TB ORD 216, TM 9-1795C, TM 9-1795D, LO 24
Series 1 & 2.....TM 9-795
Series 2 .....LO 82
Series 5 .....LO 544, LO 544A
M1A1 .....TM 9-796, TM 9-1796
TUBE PULLER: TL-201 .....TB SIG 151
TUBES:
Cathode-Ray, 12GP7 .....TB 11-1119-9
Inner Deflation .....TB 9-2830-47
Rectifier, Thyratron, Preheating, In Rectifier, RA-34-H .....TB 11-961-1, TB 11-959G-1
Steam Release, GMC, Reclamation..... TB 9-2830-51
Subcaliber—
1 Pounder, for Guns, 5, 6, 8, 10, 12, and 14-Inch .....FT 37-C-2
75-mm or 2.95-Inch.....FT 75-D-1
VT-148, Shield .....TB 11-250-1
TUBE TESTER:
Supreme, Model 504-A.....TM 11-2517
I-177 .....TB SIG 122
TUBING, Radioactive, Luminous, Vinylite... TB ENG 26
TUGS: United States Army, LT-454, LT-455, LT-456, Electric Propulsion Equipment.. .....TM 55-3003
TUNISIA, Medical and Sanitary Data..... .....TB MED 98
TURKEY, Medical and Sanitary Data..... .....TB MED 64
TURRET:
Car, Armored, T17E1 (Chevrolet)..... ..... TM 9-1741C
Hull, Tank, Light, T9E1.....TM 9-1724B
Light Tank, M3.....TM 9-1726B
TWIST, Reducing, Due to Torque In Steel Treadways: V-Approach For Steel Treadways .....TB 5-272-3
TYPHUS FEVER, Scrub.....TB MED 31
UMPIRE MANUALS:
Air .....FM 105-6
Ground .....FM 105-5
UNIT REPLACEMENT, Wheeled Vehicles... ..... TB ORD 173
UNITS:
Antiaircraft .....TM 4-236
Automotive Power Transmission..TM 10-585
Aviation, Intelligence Procedure..FM 1-40
Bathing, Field, Portable, EC-4, Cleaver Brooks .....TM 5-9834
BE-77-A or BE-77-B.....TB SIG 64
Distillation—
M2 E-10B, 2000 gals., Cleaver-Brooks .....TM 5-2060
M3 E-12, 2500-gal. per day, Skid-Mounted, Cleaver-Brooks ..... .....TB 5-2062-1
Engineer Gas Generating.....TB 5-855-1
Fire—
M1937 .....TB QM 15
37-mm Antiaircraft Artillery..... .....FM 44-58
40-mm. .....FM 4-160
Float, Automotive Fuel Tank, Reclamation .....TB 9-2830-38
UNITS: (Continued)
Generating—
M5 and M6..TM 9-1616, TB 9-616-1, TB ORD 174, LO 120
M7 .....TB 9-1616-2, LO 121
M7A1 and M15A1.....TB 9-1618-1
M18 .....LO 155
Ground—
Air Supply .....FM 31-40
Air Support .....FM 31-35
Power, M8 .....TM 9-1671B
Small, Protection .....FM 21-45
Special Training .....TC 26, 1944
Hypochlorination, Automatic, Portable, 2 to 100 gpm Flow, Wallace and Tiernan A-506 ..... TM 5-2032
Indicator, ID-16/TPS-1A ..TB 11-1547A-1, TB 11-1547A-3
Keying—
BC-409-A .....TB SIG 68
BC-758-A .....TB SIG 130
Larger ..... FM 100-15
Machine Records, Codes .....TM 12-310
Mobile, Medical Department .....FM 8-5
Plan Position, BC-1058-( ).....TB 11-1524-18
Power (See Power Units)
Power Control (See Power Control Units)
Power Supply (See Power Supply Units)
Power Train, Medium Tanks, M3 and M4 .....TM 9-1750
Range, BC-728-A .....TB 11-1505-3
Relay, BE-84-A9 .....TM 11-343
Remote Control, RM-10-F,....TM 11-828
Shower, Field, Portable, with Heater, 32 Shower Heads, Wallace and Tiernan Novadel Agene Corp., A-529..TM 5-9144
Water Purification (See Water Purification Units)
UNIVERSAL, Joint Cross Conversion of Chevrolet #3660990 .....TB 9-2830-17
UPHOLSTERER .....TM 10-455
VALVES, Replacement Mechanism, Type M1 ..... TB 3-255-1
VEHICLES: (See also Carriers, Ordnance Vehicles, Tanks, Tractor Trailers, and Trucks)
Antenna Installations .....TB SIG 154
Armored—
Decontamination .....FM 17-59
Engineer .....TC 46, 1944
Recognition .....FM 21-80, FM 30-40
Basic—
Half-Track (IHC) .....TM 9-707, TM 9-1707A, TB 9-707-1
¾-Ton, 4 x 4, Power Plant..... ..... TM 9-1808A
1½-Ton, 6 x 6 (Dodge), Power Plant .....TM 9-1808A
Camouflage (See Camouflage)...FM 5-20B
Combat .....TM 9-374
Combat and Transport, Ordnance..... TB ORD 217, TB ORD 218
GMC (All) With Banjo-Type Axles.... .....TB ORD 177
GMC and Chevrolet, Glove Compartment Doors, Reclamation .....TB 9-2839-37
Half-Track—
Basic (IHC) and Similar IHC Vehicles .....TM 9-1707B
Car, Scout M3A1 .....TB ORD 149
Chassis and Body for Maintenance ..... TM 9-1710C
Clutch Maintenance and Adjustment .....TB 9-1711-1
Compasses .....TB ORD 164
Crew Drill .....FM 17-71
Full-Track, Driver Training..TM 21-301
Engine, 160-AX, White..... ..... TM 9-1711, TB 9-1710B
VEHICLES: (Continued)
Half-Track—(Continued)
Modification of Crescent Wrench to Fit Tension Adjusting Nut on Spring-Loaded Idler Mechanisms. .....TB ORD 168
Removal of Engine Speed Restrictor or Governor .....TB ORD 156
Removal of Idler Adjusting Rod Lock Nut .....TB ORD 157
Staking of Hexagon Nuts and Bolts .....TB ORD 155
Tire Lock Ring Removing Tool.... .....TB ORD 168
White Autocar and Diamond T.... ..... TB 9-710-26, TB 9-710-27, TB 9-710-28, TB ORD 191
M3A1, Replacement of Gas Tank Drain Plug .....TB ORD 162
M5 and M5A1 .....TB 9-2830-84
M9A1 ..... TB 9-2830-84
M14 .....TB 9-2830-84
M17 .....TB 9-2830-84
Identification Plate, Change in Oil Specifications .....TB 9-772-3
Inspections, Preventive Maintenance Services .....TM 9-2810
Installation Instructions for Radio Sets .....TB SIG 143
Landing, Tracked—
Armored—
MKI, LVT (A) (1) and MKII, LVT (A) (2) .....TM 9-755, TM 9-1775, TB 9-775-3, TB 9-775-7, TB ORD 102, TB ORD 118, TB ORD 198, LO 141, TC 33, 1944
MKIV, LVT (4) .....TM 9-776, TB 9-776-3, TB ORD 102, LO 159
Cold Weather Operation...TB 9-775-6
Unarmored—
MKI, LVT (1) and MKII, LVT (2) ....TM 9-1775, TM 9-1784, TM 9-1784B, TB 9-775-1, TB 9-775-3, TB 9-775-5, LO 115, LO 141
Laying Half-Track and Full-Track Removal, Inspection, Classification Reconditioning and Disposition Tracks and Bogie Wheels .....TB ORD 130
Marking .....TC 117, 1943, TC 15, 1944
Military .....TM 9-2800
Motor .....TM 10-510
Motor—
Chassis, Body and Trailer Units .....TM 10-560
Transfer case .....TC 14, 1944
Ordnance, (See Ordnance Vehicles)
Correcting Windshield Defroster Switch Short Circuit....TB ORD 146
Instrument Panel Voltmeter..... .....TB ORD 172
Mounting Decontaminating Apparatus, M2 .....TB ORD 161
Mounting Universal Rifle Bracket.. .....TB ORD 163
Wheeled, Provision for a Lubricant Passage on Universal Joint Trunnion Ends .....TB ORD 147
Special Purpose .....TB ORD 123
Tank Recovery—
M31 (T2) ...TB 5-272-4, TB 9-739-3, TB ORD 22, TB ORD 112, TB ORD 125, LO 80
M32 .....TM 9-738, TB 9-738-FE1, TB ORD 41, TB ORD 125 LO 152
M32B1 .....TM 9-738, TB ORD 41, TB ORD 125, TM 9-738

VEHICLES: (Continued)
Tank Recovery—(Continued)
M32B2 .....TM 9-738, TB ORD 41, TB ORD 125
M32B3 .....TM 9-738 TB ORD 41, TB ORD 125, TB ORD 180
M32B4 .....TM 9-738, TB ORD 116, TB ORD 125
T2 .....TM 9-739, TB 9-1750G-5, TB 9-1750G-6, TB ORD 31, TB ORD 61, TB ORD 115, TB ORD 148
T2, Radio and Interphone Equipment .....TM 11-2703
Tracked Landing Cold Weather Operation .....TB 9-775-4, TB 9-775-6
Transport, Engine Valve Tappet Clearances .....TB ORD 205
Unit Equipment .....TM 9-834
Utility, Armored, T41, Stowage of Tools and Equipment on Vehicle..TB 9-755-13
Wheeled—
Tire Lock Ring Removing Tool.....TB ORD 168
Unit Replacement and Repair Time Guide .....TB ORD 173
V-MAIL: Enlarger, PH-542/UF....TM 11-2300
VENTILATION, Hull .....TB 9-802-9
VETERINARY ADMINISTRATION...TM 8-450
VIBRATORS:
All Types, Technical Data....TB 5-9720-9
Concrete—
Pneumatic, Chicago Pneumatic, CP-219 .....TM 5-4112
Pneumatic, Chicago Pneumatic, CP-219-B .....TM 5-4122
Pneumatic, Ingersoll-Rand IV..... TM 5-4152
Vane-Type, Air-Driven, PV288. Mall Tool Co. .....TM 5-4405
VISE, Power, Stand No. 422.....TM 5-9010
VISIBILITY, Night .....TC 44, 1942
VISUAL:
Identification—
Equipments, AN/VVX-1 and ANVVX-IX TM 11-393, TM 11-393-1
Signaling, Combined (V/S Procedure).. ..... FM 24-22, FM 24-23
VISUAL AIDS: (See Also Films)....FM 21-8, FM 21-80, TC 36, 1944
VOCATIONAL TEACHING .....TM 1-1000
VOICE-FREQUENCY, Equipment, Ringer Packaged .....TB 11-2021-1
VOLKSWAGON, German .....TM 9-803
VOLTAGE REGULATOR, M1.....TB 9-1618-1
VOLTAGE REGULATOR KITS: (See Kits, Voltage Regulator)
VOLTMETERS:
AC, Installation in Test Set I-209-B.... .....TB 11-2501-1
D.C., Thermoelectric Type, Reclamation.. .....TB 9-2830-45
Instrument Panel, Ordnance Vehicles... .....TB ORD 172
Weston, M772, Type 6.....TM 11-1204
VOUCHERS, Disbursement and Collection... ..... TM 14-507, TM 14-225
VULCANIZING:
Equipments—
TE-54-A and TE-55-A ...TM 11-366
Floats, Pneumatic .....TB ENG 27
WAC, Recruiting Station, Neuropsychiatric Examination .....TB MED 100
WAGONS:
All Types, Technical Data....TB 5-9720-1
Dirt or Rock, Crawler-Mounted, Bottom-Dump, 13-cu. yd. Athey, E-13..... ..... TM 5-3002
WAGONS: (Continued)
Transport—
Lunette for towing.....TB 9-788-2
M1A1, M2A1, and M3A1, for 240-mm Howitzer and 8-Inch Gun Material M1 .....TM 9-1314B, LO 100, 100A
M4 and M5...TM 9-340, LO 145, 145A
Carriage, M3, M3A1....LO 100, 100A
WARFARE:
Attack .....FM 31-50
Chemical, Tactics .....FM 3-5, FM 31-25, FM 31-20, TC 55, 1942
Jungle .....FM 72-20
Land, Rules .....FM 27-10
Land, Treaties Governing.....TM 27-251
Mountain .....TM 5-279
Snow .....FM 31-15
Winter ..... FM 70-15
WASHER, Car, W-11A, 3HP, 208V. 60C., 3HP. The Wayne Pump Co.....TM 5-9680
WASHERS:
Spacer, Spring Seat, 2202834..TB ORD 167
Steel, Hardened, Tank, Light, M22 (T9E1) .....TB 9-724-6
WASHING AND SCREENING PLANTS:
All Types, Technical Data...TB 5-9720-10
Sand and Gravel, 75-ton per hour, Pioneer, Model 412-VW.....TM 5-1102
WATER:
Poisoned, Treatment .....TB 5-295-1
Supply, Ground, for Military Operations ..... TM 5-296
Supply and Purification.....TM 5-295
Transportation .....TM 10-380
WATER COOLING: Unit, RU-2-A..TM 11-801
WATER PURIFICATION:
Equipment, Diatomite, Pack, 15-GPM.. ..... TB 5-295-2
Poisoned Water, Treatment ...TB 5-295-1
WATER PURIFICATION UNITS:
Gasoline Engine-Driven—
Portable, 15-gpm, Wallace and Tiernan, 1940.....TM 5-2000, LO 1089
Truck Mounted, 75-gpm, Wallace and Tiernan, 1938, 1939 and 1940 .....TB 5-2030, LO 1019
Stationary, 50-gpm, Wallace, Wallace and Tiernan, A-521 (Knockdown-Type) .....TM 5-2066
Knockdown, A-521071-Form-U-6163, Wallace & Tiernan, Inc.....TM 5-2260
Sterolators, Series 3600, Type U, High Pressure, Everson Mfg. Co....TM 5-2322
WATER SOFTENING: Equipment, Refinite Model G 54.....TM 5-2017
WATERMANSHIP .....FM 21-22
WATERPROOFING .....TB 11-1324-1
Gas Mask Canister.....TC 8, 1943
Engineer Equipment .....TB ENG 13
Military Vehicles .....TB 9-850-13
Procedure .....TB 9-802-8
WEAPONS:
Antiaircraft, Automatic Employment... ..... FM 4-102
Artillery, Coast .....TM 4-210
Automatic, Antiaircraft Artillery—
Employment .....FM 44-2
Fire Control .....FM 44-51, FM 4-102
Heavy, Company, Rifle Regiment..FM 7-15
Infantry, Camouflage .....FM 5-20A
Tank, Course .....TC 41, 1944
WEATHER .....FM 1-50
Air Crew Trainees .....TM 1-231
Chemical Warfare Manual.....TM 3-240
Cold, Operations for Tracked Landing Vehicles .....TB 9-775-6
Flying Safety .....TC 31, 1944
Observer .....TM 1-235
Pilot Trainees .....TM 1-232
WEATHER: (Continued)
Pilots .....TM 1-230
Precautions .....TB 9-802-9
WEATHERPROOFING, Tentage ....TB QM 19
WELDERS:
Electric Arc—
Gasolin-Engine-Driven—
Dualarc, SK-200 .....TM 5-5350
Hobart, EW-91 .....TM 5-5482
Shop Wheel-Mounted, Hobart, GR-300-P .....TM 5-5120, TM 5-5124, TM 5-5126, LO 1048
GR-300-S, Spec. 856A-C.. ..... TM 5-5126
Skid-Mounted, Hobart, GR-300-S (Spec. 426-B & 840).. TM 5-5120, TB 5-5120-1
Motor-Driven, Shop, Wheel-Mounted, Hobart, MR-300P .....TM 5-5118
Seam—
Circular, Gear-Driven—
Type S2-24-CG, Federal..... ..... TM 5-4621
Type, S2-24-LG, Serials Nos. 9755, to 9761, Inclusive, Federal .....TM 5-4618
Circular, Knurl-Driven, S2-18-CKD, Federal .....TM 5-4620
Longitudinal, Gear-Driven—
Type S2-24-LG, Series Nos. 9560, to 9562, Inclusive. Federal .....TM 5-4616
Type S2-24-LG, Serial Nos. 9722, 9723, 9724, Federal... ..... TM 5-4617
Type S2-24-LG, Serial Nos. 9725 to 9727, Inclusive, Federal.. ..... TM 5-4619
Type S2-24-LG, Serial Nos. 9748 to 9754, Inclusive, Federal .....TM 5-4623
Longitudinal, Knurl-Driven, Type S2-24-LK, Serials 9388 to 9399, inclusive—The Federal Machine & Welder Co. .....TM 5-4624
Spot—
Federal—
Foot Operated, Type R3-12-F.. ..... TM 5-4622
Motor Operated, Type R5-24-M, Serials Nos. 9716 to 9718, Inclusive, 9728 to 9371, Inclusive, 9736 to 9738, 9742 to 9744, Inclusive .....TM 5-4625
Tournacar, LeTourneau, Inc....TM 5-5348
WELDING .....TM 1-480
Cleaning, Combustible, Materials..... ..... TB 9-2852-1
Steel, Straightening .....TB ENG 25
Theory and Application .....TM 9-2852
Under-Water .....TB ENG 49
WELDING AND CUTTING—
Equipment, Smith Welding Equipment Corporation, Model F-9731A..... ..... TM 5-540-7
Set, Airco, Styles 9603, 9903, 9953, Air Reduction Sales .....TM 5-4102
WELDING EQUIPMENT—
All Types, Technical Data...TB 5-9720-14
Set No. 2, Oxyacetylene Cutting, Smith Welding Equipment Co.....TM 5-4100
WELL-DRILLING .....TM 5-297
Machine—
Transportation .....TB 5-297-1
Percussion-Type, Skid-Mounted, Gasoline-Engine-Driven, Star, 71.... ..... TM 5-2002, LO 1044
Rotary-Type, Skid-Mounted, Gasoline-Engine-Driven, Failing, 314.. ..... TM 5-2024

the time of flight for which the fuze is set. All antiaircraft firing tables prepared in the future will contain data for both antiaircraft and ground fire.

(*c*) *Field and Coast Artillery.* Firing Tables for use on land or water targets contain exterior ballistic tabulations giving the trajectory characteristics at the point of impact. They provide data required to determine the proper elevation for a desired point of impact. These tables are prepared for the muzzle velocity of a new gun.

**b. Graphical Firing Tables.** (GFT) Graphical Firing Tables resemble slide rules in appearance and operation. They are not listed in this manual, but are catalogued in ORD SNL F–237, which is obtainable at Adjutant General Depots. They are nonexpendable and are requisitioned in the same manner as any other stock control item.

**c. Trajectory Charts.** (TjC) Trajectory Charts are prepared for use with tables for antiaircraft fire. Those charts now on hand are issued as individual sheets, together with the FT's they supplement. As antiaircraft FT's are revised, the charts will appear as inserts in the FT's and will not be issued separately.

**d. Trajectory Diagrams.** (TD) Trajectory Diagrams are supplemental to FT's for certain field guns. TD's are printed on tracing linen so that they may be used on Geological Survey Maps for determining "dead space." TD's are issued in screw-top mailing tubes, and are not furnished automatically with each FT. They must be requisitioned separately.

**7. MOBILIZATION TRAINING PROGRAMS.** (List in par. 29) (MTP) Mobilization Training Programs contain a schedule of subjects prescribed for the training of units and replacements, showing hours to be devoted each week to the subject prescribed together with text references.

**8. TECHNICAL BULLETINS** (TB) (List in par. 30)

**a. Purpose and Scope.**

(1) *Purpose.* The purpose of Technical Bulletins is:

(*a*) To disseminate new instructions and information prepared by technical services pertaining to technical matters concerning weapons and equipment procured and issued by the preparing agency, or to professional technique over which the preparing agency has exclusive jurisdiction.

(*b*) To publish, without delay, technical material that may later be incorporated in manuals or changes to manuals.

(2) *Scope.* Technical bulletins will not contain material pertaining to tactical training or tactical operations. Originating agencies will be responsible for excluding such material from technical bulletins.

**b. Format.** Technical bulletins are printed, mimeographed, or multilithed in pamphlet or leaflet form, 5⅞ inches by 9 inches or 8 inches by 10½ inches, and illustrated when necessary.

**c. Preparation.** Material for publication in a technical bulletin will be forwarded by the chief of a technical service to The Adjutant General for processing. Concurrences of other agencies will not be required for technical bulletins prepared within the meaning of paragraph *a* above.

**9. TECHNICAL MANUALS** (TM) (List in par. 31). Technical Manuals supplement Field Manuals, covering subjects the separate treatment of which is considered essential to a full accomplishment of the training prescribed in the Field Manuals. This series includes manuals describing matériel and containing instructions for its operation, care, and handling; guidebooks for instructors and specialists; material for extension courses; reference books; administrative materials; and similar specialized subject matter.

**10. TECHNICAL REGULATIONS.** (TR) (List in par. 32). Some Technical Regulations are still in force, but they gradually are being eliminated by the inclusion of suitable material in other training documents.

**11. TRAINING CIRCULARS** (TC) (List in par. 33).

**a. Purpose and Scope.** Training Circulars are designed to promulgate—

(1) New training doctrine (see *b* below).

(2) Training doctrine, tactics, or technique, the immediate dissemination of which is essential.

(3) Training policies or information of a temporary nature or not relevant to the scope of existing manuals.

**b. Confirmation.** When a Training Circular is published, the preparing agency will initiate action to incorporate its applicable provisions as a numbered change or revision of the appropriate manual or as a new manual.

**c. Revocation.** (1) Each training circular will indicate in bold type, immediately under the heading, the date (1 year from date of publication) upon which the circular will become void. Unless previously superseded or rescinded by other action, all matter

WHEELS:
Bomb Service Truck, M6.....TM 9-1765A
Idler—
Light Tank, D34910, Reclamation... ..... TB 9-2830-24
Medium Tank, D37916, Reclamation ..... TB 9-2830-50
7D8 Athey Logging Cruiser....TM 5-9736
WHIRLER, Plate, Lithographic-Offset, Motor-Driven, 110-Volt, 60-Cycle, AC, Table-Mounted, 22⅝ x 23-in., Pitman, AW-101 ..... TM 5-6044
WILLIAMPERMETER .....TM 8-624
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