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TECHNICAL MANUAL

OPERATOR, ORGANIZATIONAL, DIRECT SUPPORT AND
GENERAL SUPPORT MAINTENANCE MANUAL

GENERATOR SET, GASOLINE ENGINE DRIVEN, SKID MOUNTED,
TUBULAR FRAME, 3 KW, 3 PHASE AC,120/208
AND 120/240 VOLTS,28 V DC
(LESS ENGINE)

<u>DOD Model</u>	<u>Hertz</u>	NSN
MEP-016A	6 0	6115-00-017-8237
MEP-021A	4 0 0	6115-00-017-8238
MEP-026A	D C	6115-00-017-8239

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DOD MODEL	HERTZ	NSN
MEP-016A	60	6115-00-017-8237
MEP-016C	60	6115-01-143-3311
MEP-021A	400	6115-00-017-8238
MEP-021C	400	6115-01-175-7321
MEP-026A	DC	6115-00-017-8239
MEP-026C	28 V DC	6115-01-175-7320

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NOTE

Throughout this manual all illustrations applicable to Models MEP-016A, MEP-021A, and MEP-026A also apply to MEP-016C, MEP-021C, and MEP-026C.

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NOTE

Throughout this manual all tables applicable to Models MEP-016A, MEP-021A, and MEP-026A also apply to MEP-O16C, MEP-021C, and MEP-026C.

CHAPTER 1

INTRODUCTION

Section I. GENERAL

1-1. Scope

a. This manual is for your use in operating and maintaining the Military designed DOD Models MEP-016A, MEP-016C, MEP-021A, MEP-021C, and MEP-026A, MEP-026C Generator Sets. Information is provided on the operation, preventive maintenance checks and services, troubleshooting, operator/crew, organizational, intermediate (Field), (Direct Support and General Support) and Depot maintenance.

b. This manual is primarily concerned with the operation and maintenance of the generator sets, less engine. However, where it becomes necessary for understanding, portions of the maintenance and operation instruction which apply to the engine are included. For complete maintenance information on the engine, refer to the 6 hp engine manuals, TM 5-2805-203 series.

c. Appendix A contains a list of reference publications applicable to this manual. Appendix B contains the Items Troop Installed or Authorized List. Appendix C contains the Maintenance Allocation Chart (MAC), which determines the level of maintenance responsibility for Army Users.

1-2. Limited Applicability.

Some portions of this publication are not applicable to all services. These portions are prefixed to indicate the services to which they pertain: (A) for Army, (F) for Air Force, (N) for Navy, and (MC) for Marine Corps. Portions not prefixed are applicable to all services.

1-3. Maintenance Forms and Records.

a. (A) Maintenance forms and records used by Army personnel are prescribed by DAPAM 738-750.

b. (F) Maintenance forms and records used by Air Force personnel are prescribed in AFM-66-1 and the applicable 00-20 series Technical Orders.

c. (MC) Forms and records for Marine Corps users are prescribed in TM 4700-15/1.

d. (N) Navy users should refer to their service peculiar directives to determine applicable maintenance forms and records to be used.

1-4. Reporting of Errors.

Report of errors, omissions, and recommendations for improvement of this publication by the individual user is encouraged. Reports should be submitted as follows:

a. (A) Army—DA Form 2028 (Recommended Changes to Publications and Blank Forms), directly to: Commander, U.S. Army Troop Support Command, ATTN: AMSTR-MCTS, 4300 Goodfellow Boulevard, St. Louis, MO 63120-1798. A reply will be furnished directly to you.

b. (F) Air Force—AFTO Form 22 directly to: Commander, Sacramento Air Logistics Center, ATTN: MMEDTA, McClellan Air Force Base, CA 95652-5609, in accordance with TO-00-5-1.

c. (MC) Marine Corps—NAVMC 10772 directly to Commanding General, Marine Corps Logistics Base, (Code 850), Albany, GA 31704-5000.

d. (N) Navy—By letter directly to Commanding Officer, Naval Construction Battalion Center, ATTN: Code 15741, Port Hueneme, CA 93043-5000.

1-5. Levels of Maintenance Accomplishment.

a. (A)—Army users shall refer to the Maintenance Allocation Chart (MAC) for tasks and levels of maintenance to be performed.

b. (F)—Air Force users shall accomplish maintenance at the user level consistent with their capability in accordance with policies established in AFM 66-1.

c. (MC)—Marine Corps users shall refer to SL-4-05926A for directions on Maintenance.

d. (N)—Navy users shall determine their maintenance levels in accordance with their service directives.

1-6. Destruction of Army Materiel to Prevent Enemy Use.

(A) Demolition of materiel to prevent enemy use will be in accordance with the requirement of