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MARINE CORPS TECHNICAL MANUAL**

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TECHNICAL MANUAL

**OPERATOR AND ORGANIZATIONAL
MAINTENANCE MANUAL**

**GENERATOR SET, DIESEL ENGINE
DRIVEN, TACTICAL SKID MTD. 100KW.
3 PHASE, 4 WIRE, 120/208 AND 240/416
VOLTS**

DOD MODEL	CLASS	HERTZ	NSN
MEP007B	UTILITY	50/60	6115-01-036-6374

INCLUDING OPTIONAL KITS

DOD MODEL	NOMENCLATURE	NSN
MEP007BWF	WINTERIZATION KIT, FUEL BURNING	6115-01-131-7228
MEP007BWE	WINTERIZATION KIT, ELECTRIC	6115-01-125-9368
	WHEEL KIT ASSEMBLY	6115-01-135-6165

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Operator and Organizational Maintenance Manual

GENERATOR SET, DIESEL ENGINE DRIVEN NSN 6115-01-036-6374

NOTE

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CHAPTER 1

INTRODUCTION

Section I. GENERAL

1-1. SCOPE. This manual contains instructions for use in operating and maintaining the 100 KW Diesel Engine Driven Generator Set, Model MEP007B. The 50/60 Hertz Utility (Mode I, Class 1) set is used in applications where precise power is not required. These instructions cover operation, lubrication, maintenance, and preventive maintenance checks and services. The maintenance procedures described herein are within the scope of the operator and organizational maintenance personnel as allocated by the Maintenance Allocation Chart (MAC). These procedures are for the generator set, its accessories, and auxiliaries.

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: (F) for Air Force, (A) for Army, (N) for Navy, and (MC) for Marine Corps. Portions not prefixed are applicable to all services.

1-3. MAINTENANCE FORMS AND RECORDS. The forms and records used for maintenance purposes by the various services are specified as follows:

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

b. (A) Maintenance forms and records used by Army personnel are prescribed by TM 38-750.

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

d. (MC) Maintenance forms and records used by Marine Corps personnel are prescribed by TM 4700-15/1.

1-4. REPORTING OF ERRORS. Reporting of errors, omissions, and recommendations for improvement of this publication by the individual user is encouraged. Reports should be submitted as follows:

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

b. (A) Army - DA Form 2028 direct to: Commander, US Army Troop Support Command, ATTN: AMSTR-MCTS, 4300 Goodfellow Boulevard, St. Louis, MO 63120-1798.

c. (N) Navy - by letter directly to: Commanding Officer, CB Center, ATTN: Code 153, Port Huenene, CA 93043.

d. (MC) Marine Corps - by NAVMC Form 10772 directly to: Commandant, Headquarters, US Marine Corps, ATTN: Code LMA-1, WASHINGTON DC 20380.

1-5. LEVELS OF MAINTENANCE ACCOMPLISHMENT. The authorized maintenance repair functions will be accomplished as follows:

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

b. (A, MC) Army and Marine Corps users shall refer to the maintenance Allocation Chart (MAC), in conjunction with the applicable SL-4, for tasks and levels of maintenance to be performed.