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MARINE CORPS TECHNICAL MANUAL TM-06858B/06859D-34

TECHNICAL MANUAL

INTERMEDIATE (FIELD) (DIRECT AND GENERAL SUPPORT)

AND DEPOT LEVEL MAINTENANCE MANUAL

**GENERATOR SET, DIESEL ENGINE DRIVEN, TACTICAL SKID MTD. 30 KW,
3 PHASE, 4 WIRE, 120/208 AND 240/416 VOLTS**

<u>DOD MODEL</u>	<u>CLASS</u>	<u>HERTZ</u>	<u>FSN</u>
MEP-005A	UTILITY	50/60	6115-118-1240
MEP-104A	PRECISE	50/60	6115-118-1247
MEP-114A	PRECISE	50/60	6115-118-1248

INCLUDING OPTIONAL KITS

<u>DOD MODEL</u>	<u>NOMENCLATURE:</u>	<u>FSN</u>
MEP-005AWF	WINTERIZATION KIT, FUEL BURNING	6115-463-9083
MEP-005AWE	WINTERIZATION KIT, ELECTRIC	6115-463-9085
MEP-005ALM	LOAD BANK KIT	6115-463-9088
MEP-005AWM	WHEEL MOUNTING KIT	6115-463-9094

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(INCLUDING U.S. MARINE CORPS)**

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CHAPTER 1 INTRODUCTION

SECTION I. GENERAL

1-1. Scope

a. This manual contains instructions for the use of intermediate (field) (direct and general support) and depot maintenance personnel responsible for maintaining the 30 KW Diesel Engine Generator Sets, Models MEP-005A, MEP-104A, and MEP-114A. The maintenance information provided herein is normally beyond the scope of the tools, equipment, personnel and supplies available at the operator and organizational levels. This manual must be used in conjunction with the operator and organizational manual for complete maintenance instructions for the generator sets.

NOTE

Accomplishment of actions/tasks at designated maintenance levels as directed in this manual does not apply to the Air Force. Air Force users shall accomplish maintenance at user level consistent with their capability in accordance with policies established by AFM66-1.

1-2. Forms and Records

NOTE

This manual is used by Army, Air Force, Navy, and Marine Corps personnel. Use of forms as directed in this manual will be accomplished only by personnel of that service to which such forms apply,

a. Maintenance forms and records used by Army personnel will be only those prescribed by DA Pam 738-750. Those to be used by Marine Corps personnel are prescribed in the latest edition of TM 4700-15/1, Air Force forms and records used will be those prescribed by AFM66-1 and the applicable 00-20 Series Technical Orders. Navy users should refer to their appropriate publications to determine the applicable forms and records to be used.

b. Reports of errors, omissions, and recommendations for improvement of this manual by its user is encouraged. Such reports should be submitted by various service personnel as follows:

(1) Air Force. AFTO Form 22 directly to Commander, Sacramento Air Logistics Center, SM-ALC-MMEDTA, McClellan Air Force Base, CA 95652-5609 In accordance With TO-00-5-1.

(2) Army. DA Form 2028 directly to Commander, US Army Troop Support Command, ATTN: AMSTR-MCTS, 4300 Goodfellow Blvd., St. Louis, MO 63120-1798.

(3) Marine Corps. NAVMC 10772 directly to Commanding General, U S Marine Corps, Marine Corps Logistics Base, (Code 850), Albany, GA 31704-5000.

(4) Navy. By letter directly to Commander, Naval Construction Battalion Center, ATTN: Code 15741, Port Hueneme, CA 93043-5000.

1-3. Demolition to Prevent Enemy Use

Demolition of the generator set to prevent enemy use will be in accordance with the requirements of TM 760-244-3 (Procedures for Destruction of Equipment to Prevent Enemy Use for U.S. Army and U.S. Marine Corps).

1-4. Shipment and Storage

a. Preparation for shipment and storage of the generator set for US Air Force will be in accordance with TO 35-1-4.

b. Shipment and storage for US Army and the US Marine Corps will be in accordance with TB 740-97-2.