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TECHNICAL MANUAL

INTERMEDIATE [FIELD]  
[DIRECT AND GENERAL SUPPORT]  
AND DEPOT LEVEL MAINTENANCE

**GENERATOR SET, DIESEL ENGINE DRIVEN, TACTICAL**

SKID MTD., 100 KW, 3 PHASE, 4 WIRE, 120/208 AND 240/416 VOLTS

| <u>DOD MODELS</u> | <u>CLASS</u> | <u>HERTZ</u> | <u>NSN</u>       |
|-------------------|--------------|--------------|------------------|
| MEP007A           | UTILITY      | 50/60        | 6115-00-133.9101 |
| MEP106A           | PRECISE      | 50/60        | 6115-00-133.9102 |
| MEP116A           | PRECISE      | 400          | 6115-00-133-9103 |

INCLUDING OPTIONAL KITS

| <u>DOD MODELS</u> | <u>NOMENCLATURE</u>             | <u>NSN</u>       |
|-------------------|---------------------------------|------------------|
| MEP007AWF         | WINTERIZATION KIT, FUEL BURNING | 6115-00-463-9082 |
| MEP007AWE         | WINTERIZATION KIT, ELECTRIC     | 6115-00-463-9084 |
| MEP007ALM         | DUMMY LOAD KIT                  | 6115-00-463-9086 |
| MEP007AWM         | WHEEL MOUNTING KIT              | 6115-00-463-9089 |

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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 maintaining the 100 KW Diesel Engine Generator Set, Models MEP007A, ME P106A, and MEP1 16A, as allocated by the Maintenance Allocation Chart. It provides information on the maintenance of equipment which is beyond the scope of the tools, equipment, personnel, or supplies normally available to operator and organizational level of maintenance. This manual is to be used in conjunction with the Operator and Organizational Maintenance Manual.

b. THIS TECHNICAL MANUAL IS USED BY THE ARMY, AIR FORCE, NAVY, AND MARINE CORPS. THE USE OF FORMS AND COMPLIANCE WITH DIRECTIVES AS STATED HEREIN WILL BE ACCOMPLISHED ONLY BY PERSONNEL OF THE SERVICE TO WHICH THEY APPLY.

##### 1-2. FORMS AND RECORDS.

a. Forms and Records used by the Army will be only those prescribed by TM38-750. Those used by the Marine Corps

will be those prescribed by TM4700-15/1, Other service users should refer to appropriate specifications/publications for equipment maintenance forms and records.

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

1. Air Force - AFTO Form 22 in accordance with T. O. 00-5-1 and direct to Commander, Sacramento Air Logistics Center, ATTN: MMEDT, McClellan AFB, California 95652.

2. Army - DA Form 2028 direct to: Commanding General, U.S. Army Troop Support and Aviation Material Readiness Command, ATTN: DRSTS-MTP, 4300 Goodfellow Blvd., St. Louis, Missouri 63120.

3. Marine Corps - by letter direct to: Commandant, U.S. Marine Corps, ATTN: Code LME, Washington, D. C. 20380.

4. Navy - by letter direct to: Commanding Officer, U.S. Navy Ships Parts Control Center, ATTN: Code 783, Mechanicsburg, Pennsylvania 17055.