ARMY TECHNICAL MANUAL
NAVY PUBLICATION
AIR FORCE TECHNICAL ORDER
MARINE CORPS TECHNICAL MANUAL

TM 5-6115-584-34
NAVFAC P-8-622-34
TO-35C2-3-456-2
TM-0568C-34

TECHNICAL MANUAL

INTERMEDIATE (FIELD) (DIRECT AND GENERAL SUPPORT) AND DEPOT LEVEL MAINTENANCE MANUAL

GENERATOR SET, DIESEL ENGINE DRIVEN, TACTICAL SKID MTD 5KW, 1 PHASE -2 WIRE, 1 PHASE -3 WIRE, 3 PHASE -4 WIRE, 120, 120/240 AND 120/208 VOLTS

DOD MODEL	CLASS	HERTZ	NSN
MEP-002A	UTILITY	60	6115-00-465-1044

This copy is a reprint which includes current pages from Changes 1 through 6, 7, 8

Published UNDER THE AUTHOR ITYOFTHEDEPARTMENTS 0F THE ARMY, AIR FORCE, NAVY, AND HEADQUARTERS U.S. MARINE CORPS

JULY 1977

TM 5-6115-584-34
NAVFAC P-8-622-34
TO-35 C2-3-456-2
TM-0568C-34

DEPARTMENT OF THE ARMY TECHNICAL MANUAL
DEPARTMENT OF THE NAVY PUBLICATION
DEPARTMENT OF THE AIR FORCE TECHNICAL ORDER
MARINE CORPS TECHNICAL MANUAL

TM-05682C-34

HEADQUARTERS
DEPARTMENTS OF THE ARMY, NAVY, AIR FORCE, & USMC
WASHINGTON, D.C. 22 JULY 1977

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CHAPTER 1

INTRODUCTION

Section I. GENERAL

1-1. SCOPE.

This manual is for your use in maintaining the DOD Standard Generator Set, 5KW Diesel Engine Driven, Model MEP-002A. It contains sections for general maintenance, including troubleshooting, and removal and installation of major components, and maintenance of individual components of the unit. Thoroughly familiarize yourself with the unit before servicing or repairing unit.

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 in TM 38-750.

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. (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 in TM 4700-15/1.

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 2026 directly to: Commander, US Army Troop Support Command, ATTN: DRSTS-MPP, 4300 Goodfellow Boulevard, St. Louis, MO 63120.

b. (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.

c. (N) Navy - by letter directly to: Commanding Officer, US Navy, Ships Parts Control Center, AT TN: Code 783, Mechanicsburg, PA 17055.

d. (MC) Marine Corps - by NAVMC form 10772 directly to: Commandant, US Marine Corps, ATTN: Code LMO-1, WASH DC 20360.

1-5. LEVELS OF MAINTENANCE ACCOMPLISHMENT

a. (A, MC) Army and Marine Corps 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. (N) Navy users shall determine their maintenance levels in accordance with their service directives.

Section II. DESCRIPTION AND TABULATED DATA

1-6. DESCRIPTION.

A general description of the Diesel Engine Generator Sets and information pertaining to the identification plates are contained in the Operator and Organizational Maintenance Manual. Detailed descriptions of the components of the Diesel Engine **Generator Sets are provided in the applicable maintenance paragraphs of this manual.**

1-7. TABULATED DATA.

a. General. This paragraph contains all maintenance data pertinent to intermediate (field) (direct, general support) and depot maintenance personnel.

b. Engine Generator Sets. Refer to Operator and Organizational Maintenance Manual.