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DEPARTMENT OF THE ARMY TECHNICAL MANUAL

**OPERATOR AND ORGANIZATIONAL
MAINTENANCE MANUAL
(INCLUDING REPAIR PARTS AND
SPECIAL TOOL LISTS)**

**TESTER, ENGINE DISTRIBUTOR,
BENCH-TYPE, 6, 12, AND 24-VOLT
DISTRIBUTORS, SINGLE-PHASE.
60-CYCLE, 115-VOLT (SUN
ELECTRIC CORPORATION
MODEL PDT-5) (4910-392-2939)**

HEADQUARTERS, DEPARTMENT OF THE ARMY

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Technical Manual

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WASHINGTON 25, D. C., 13 January 1964

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CHAPTER 1

INTRODUCTION

Section I. GENERAL

1. Scope

a. This technical manual contains instructions on operation and maintenance of the distributor tester for the operator and instructions for organizational maintenance of the distributor tester by personnel of the using organization.

b. Appendix I contains a list of current references, including supply manuals, forms, technical manuals and other available publications applicable to the distributor tester.

c. Appendix II contains the basic issue items which are required by first-echelon maintenance and includes accessories, attachments, component assemblies, and subassemblies with quantities thereof, which constitute the major end item of equipment; and the first echelon maintenance accessories, tools, supplies, and spare assemblies and parts accompanying the equipment, all of which constitute the major end item of equipment; and the first echelon maintenance accessories, tools, supplies, and spare assemblies and parts accompanying the equipment, all of which constitute the major end item for issue to users.

d. Appendix III contains the maintenance allocation chart for the tester listing all maintenance and repair operations authorized for all maintenance echelons.

e. Appendix IV contains a list of repair parts which are required by the using organization for performing organizational maintenance on the distributor tester.

f. The direct reporting of errors, omissions and recommendations for improving this equipment manual by the individual user, is authorized and encouraged. DA Form 2028 will be used for reporting these improvements. This form may be completed using pencil, pen or typewriter. DA Form 2028 will be completed in tripli-

cate and forwarded by the individual using the manual. The original and one copy will be forwarded direct to:

Commanding General
Headquarters, U. S. Army Weapons
Command
ATTN: AMSWE-SMM-TE
Rock Island Arsenal
Rock Island, Illinois 61202

One information copy will be provided to the individuals immediate supervisor (e.g., officer, noncommissioned officer, supervisor, etc.)

2. Maintenance Allocation

a. *Operator Maintenance Allocation.* The prescribed maintenance to be performed by the operator will apply as reflected in the operator-maintenance (first echelon) column of the maintenance allocation chart (app. III). In all cases, where the nature of the repair, modification, or adjustment is beyond the scope or facilities of the operator, organizational-maintenance should be informed so that trained personnel with suitable tools and equipment may be provided or other instructions issued.

b. *Organizational Maintenance Allocation.* The prescribed maintenance to be performed by maintenance personnel of the using organization will apply as reflected in the organizational-maintenance (second echelon) column of the maintenance allocation chart (app. III). In all cases, where the nature of the repair, modification, or adjustment is beyond the scope or facilities of the using organization, the supporting maintenance unit should be informed so that trained personnel with suitable tools and equipment may be provided or other instructions issued.