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DEPARTMENT OF THE ARMY TECHNICAL MANUAL

OPERATOR AND ORGANIZATIONAL MAINTENANCE MANUAL

(INCLUDING REPAIR PARTS AND SPECIAL TOOL LISTS)

TESTER DIESEL FUEL INJECTOR NOZZLE (BACHARACH INDUSTRIAL INSTRUMENT COMPANY MODEL YFL) (4910-255-8641) WITH CONNECTOR SET 44 (BACHARACH PART NUMBER 65-275) (4910-955-5517) AND CONNECTOR SET (ORD DWG B11020498) (4910-955-5516)

HEADQUARTERS, DEPARTMENT OF THE ARMY

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OPERATOR AND ORGANIZATIONAL MAINTENANCE MANUAL (INCLUDING REPAIR PARTS AND SPECIAL TOOL LISTS) TESTER, DIESEL FUEL INJECTOR NOZZLE (BACHARACH INDUSTRIAL INSTRUMENT COMPANY MODEL YFL) (4910-255-8641) WITH CONNECTOR SET 44 (BACHARACH PART NUMBER 65-275) (4910-955-5517) AND CONNECTOR SET (ORD DWG B11020498)(4910-955-5516)

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CHAPTER 1
INTRODUCTION

Section I. GENERAL

1. Scope

a. This technical manual contains instructions on operation and maintenance of the diesel fuel injector nozzle tester for the operator and instructions for organizational maintenance of the nozzle 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 nozzle tester.

c. Appendix II contains a list of equipment and tools which are required by the operator for operating and maintaining the nozzle tester.

d. Appendix III contains the maintenance allocation chart for the nozzle 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 nozzle 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 triplicate 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 individual's 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 personnel 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.

3. Farms, Records, and Reports

a. General. Responsibility for the proper execution of forms, records, and reports rests upon the officers of all units maintaining this equipment. However, the value of accurate records must be fully appreciated by all persons responsible for their compilation, maintenance, and use, Records, reports, and authorized forms are normally utilized to indicate the type, quantity, and condition of materiel to be