

TM 9-4940-421-14

TECHNICAL MANUAL

**OPERATOR, ORGANIZATIONAL, DIRECT SUPPORT AND
GENERAL SUPPORT MAINTENANCE MANUAL**

SHOP EQUIPMENT

CONTACT MAINTENANCE

TRUCK MOUNTED

(SOUTHWEST MODEL SECM)

SERIAL NO. RANGE SECM 1001 THRU SECM 2532

NSN 4940-01-016-2262

15 OCTOBER 1977

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HEADQUARTERS,
DEPARTMENT OF THE ARMY
WASHINGTON, D. C., 15 October 1977

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Reporting Errors and Recommending Improvements. You can help improve this manual. If you find any mistake or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publication and Blank Form), or DA Form 2028-2 located in the back of this manual direct to Commander, US Army Armament Materiel Readiness Command. ATTN DRSAR-MAS, Rock Island, Illinois 61201. A reply will be furnished to you.

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CHAPTER 1 INTRODUCTION

Section I. GENERAL

1-1. SCOPE. This manual is published for the use of the personnel to whom the Shop Set Model SECM, Serial No. Range SECM 1001 thru SECM 2532 is issued.

1-2. MAINTENANCE FORMS AND RECORDS. Equipment maintenance forms and procedures for their use are contained in TM 38-750, The Army Maintenance Management System (TAMMS).

1-3. ADMINISTRATIVE STORAGE. Refer to TM 740-90-1 for administrative storage of this equipment.

1-4. EQUIPMENT SERVICEABILITY CRITERIA (ESC). This equipment is not covered by an ESC.

1-5. DESTRUCTION OF ARMY MATERIAL TO PREVENT ENEMY USE. Refer to TM 750-244-3, Procedures for Destruction of Equipment to Prevent Enemy Use for destruction of the equipment.

1-6. REPORTING OF EQUIPMENT IMPROVEMENT RECOMMENDATIONS (EIR) EIR's will be prepared on DA Form 2407, Maintenance Request Instructions for preparing EIR's are provided in TM 38-750, The Army Maintenance Management System (TAMMS). EIR's should be mailed directly to Commander, U. S. Army Armament Materiel Readiness Command, ATTN DRSAR-MAO, Rock Island, Il. 61201. A reply will be furnished directly to you.

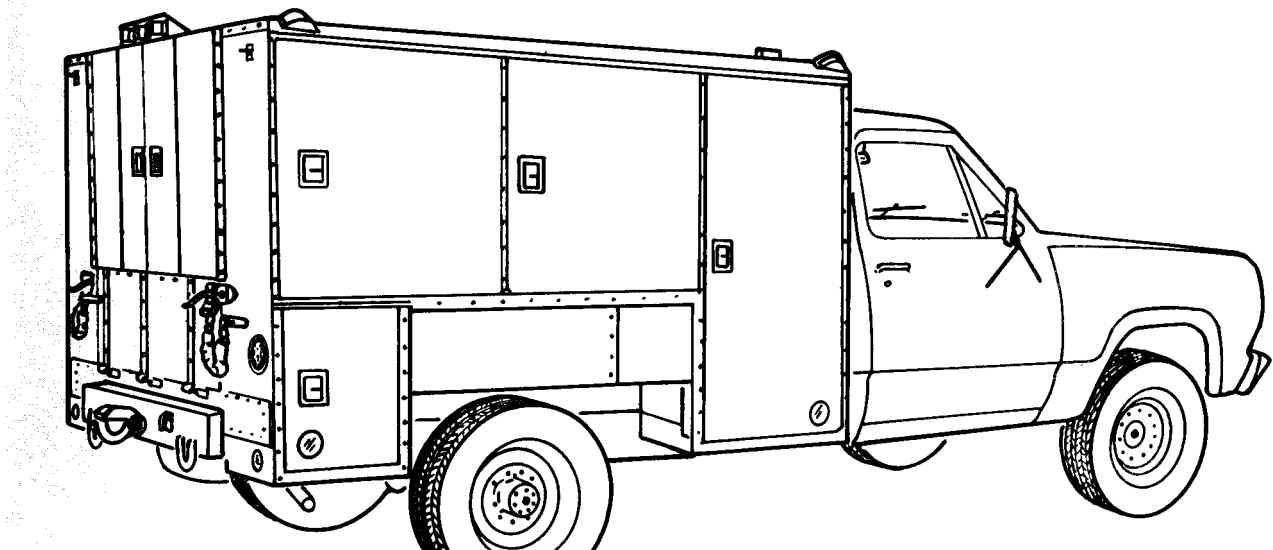
Section II. DESCRIPTION AND DATA

1-7. DESCRIPTION. The Shop set, Model SECM Serial No. SECM 1001 thru SECM 2532 (fig 1-1 and 1-2), consists of 8 compartments. The compartments provide storage space for all tools and equipment. The shop set is mounted on a 4x4 Cab/Truck chassis Model XM887. The shop is equipped with a generator-welder which provides 115 volt single phase alternating current for operation of the air compressor and other equipment, and 200 amperes, 28 volt direct current for welding (see fig FO-1 for wiring diagram). The genera-

tor-welder is driven by a 154 cu., in., 4 cycle, gas engine.

NOTE

This shop set has been designed to operate at temperatures of -25° F to + 105° F. It can be safely stored at -50° F to + 150° F. A suitable arctic kit(s) is under construction for shop sets to be used in temperatures colder than those cited above. If these kits are required, contact Commander, U. S. Army Armament Materiel Readiness Command, ATTN: DRSAR-MA, Rock Island, Il. 61201.



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Figure 1-1. Shop set right rear 3/4 view.