

TECHNICAL MANUAL

**UNIT,
INTERMEDIATE DIRECT SUPPORT,
AND
INTERMEDIATE GENERAL SUPPORT
MAINTENANCE MANUAL**

**LAUNDRY UNIT, TRAILER
MOUNTED, MODEL M85
NSN 3510-01-222-9301**

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pages from Changes 1 through 4.**

HEADQUARTERS, DEPARTMENT OF THE ARMY

**TABLE OF CONTENTS
PAGE i**

**HOW TO USE THIS MANUAL
PAGE iii**

**EQUIPMENT DATA
PAGE 1-3**

**UNIT MAINTENANCE
PAGE 2-1**

**PREVENTIVE MAINTENANCE
CHECKS AND SERVICES
PAGE 2-15**

**TROUBLESHOOTING
PROCEDURES
PAGE 2-23**

**INTERMEDIATE GENERAL SUPPORT
MAINTENANCE
PAGE 3-1**

**INTERMEDIATE DIRECT
SUPPORT MAINTENANCE
PAGE 4-1**

**ALPHABETICAL INDEX
PAGE INDEX-1**

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UNIT, INTERMEDIATE DIRECT
SUPPORT, AND INTERMEDIATE GENERAL SUPPORT
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LAUNDRY UNIT, TRAILER-MOUNTED
MODEL M85
NSN 3510-01-222-9301

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual directly to: Commander, US Army Aviation and Troop Command, ATTN: AMSAT-I-MP, 4300 Goodfellow Blvd., St. Louis, MO 63120-1798. A reply will be furnished directly to you.

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TABLE OF CONTENTS

	<i>Page</i>
<u>HOW TO USE THIS MANUAL</u>	iii
CHAPTER 1 INTRODUCTION	1-1
Section I General Information	1-2
Section II <u>Equipment Description and Data</u>	1-3
Section III Principles of Operation	1-6
CHAPTER 2 <u>UNIT MAINTENANCE PROCEDURES</u>	2-1
Section I Lubrication Instructions	2-1
Section II Repair Parts; Special Tools, Test, Measurement, and Diagnostic Equipment (TMDE); and Support Equipment	2-1
Section III Service Upon Receipt	2-1
Section IV <u>Unit Preventive Maintenance Checks and Services</u>	2-15
Section V <u>Unit Troubleshooting</u>	2-23
Section VI Unit Maintenance Procedures	2-55
CHAPTER 3 <u>INTERMEDIATE DIRECT SUPPORT MAINTENANCE PROCEDURES</u>	3-1
Section I General	3-1
Section II Intermediate Direct Support Troubleshooting Procedures	3-2
Section III Intermediate Direct Support Maintenance Procedures	3-10

TABLE OF CONTENTS (cont)

	Page
CHAPTER 4	
Section I	
Section II	
Section III	
INTERMEDIATE GENERAL SUPPORT MAINTENANCE PROCEDURES	4-1
General	4-1
Intermediate General Support Maintenance Procedures	4-1
Auxiliary Equipment	4-5
APPENDIX A	
REFERENCES	A-1
APPENDIX B	
MAINTENANCE ALLOCATION CHART	B-1
APPENDIX C	
EXPENDABLE/DURABLE MATERIALS AND SUPPLIES LIST	C-1
APPENDIX D	
TORQUE LIMITS	D-1
ALPHABETICAL INDEX	INDEX-1

HOW TO USE THIS MANUAL

This manual is designed to help you maintain the M85 laundry unit. It's divided into chapters, sections, and appendixes. Chapters 1 and 2 contain general information and unit maintenance procedures. Chapters 3 and 4 contain intermediate direct support and intermediate general support maintenance procedures. The chapters are divided into sections containing maintenance procedures for the various components.

The appendixes contain supplemental information which you will need to maintain the M85 laundry unit.

The maintenance procedures contained in this manual tell you several things:

-what tools you need to do the job
-materials or parts required
-what condition the unit is to be in before work is started

In addition to text, you'll have either an assembled view or an exploded-view illustration of the associated parts. Sometimes, the illustration will be keyed by an arrow to an overall view of the unit to help you determine the approximate location of the parts. The illustration is keyed to the text by numbers and shows you how to take the part off and put it on.

CHAPTER 1

INTRODUCTION

Section I. GENERAL INFORMATION

Para	Title	Page
1-1	Scope	1-1
1-2	Maintenance Forms, Records, and Reports	1-1
1-3	Destruction of Army Materiel to Prevent Enemy Use	1-1
1-4	Preparation for Storage or Shipment	1-1
1-5	Nomenclature Cross-Reference	1-2
1-6	Reporting Equipment Improvement Recommendations (EIR)	1-2
1-7	Warranty Information	1-2

1-1. SCOPE.

Type of manual: unit, intermediate direct support, and intermediate general support maintenance

Equipment model number and name: M85, Trailer-Mounted Laundry

Purpose of Equipment: to provide regular troop units and hospitals with field laundry service

1-2. MAINTENANCE FORMS, RECORDS, AND REPORTS. Department of the Army forms and procedures used for equipment maintenance will be those prescribed by DA PAM 738750, The Army Maintenance Management System (TAMMS).

1-3. DESTRUCTION OF ARMY MATERIEL TO PREVENT ENEMY USE. For destruction of army materiel to prevent enemy use, refer to TM 750-244-6, Procedures for Destruction-of Tank-Automotive Equipment to Prevent Enemy Use. To prevent enemy use of laundry, add sand or soil to fuel pumps, bearings, drive motors, and water pump. Cut drive belts, wiring harnesses, and hoses. Scatter and conceal vital components. Break washer door glass and control panel buttons. Use explosives or set fire to unit using flammable liquids.

1-4. PREPARATION FOR STORAGE OR SHIPMENT.

- a. Perform laundry shutdown procedures. Refer to TM 10-3510-209-10, Operator's Manual for the M85 Trailer-Mounted Laundry Unit.
- b. Drain all water from unit: washer, water heater, water pump, and air compressor tank.
- c. Disconnect and drain all hoses. Stow hoses in bins.

1-4. PREPARATION FOR STORAGE OR SHIPMENT. (CONT)

- d. Disconnect and drain all fuel supply and drain lines. Install protective caps on fuel pump inlet and outlet connections. Stow all fuel lines in bins.
- e. If stowage is for more than 5 days, perform the following:
 - (1) Close the burner fuel shutoff valves on both the dryer and the water heater.
 - (2) Operate the units a few minutes after the burner shutoff valve is closed. This allows the blower to purge any vaporized fuel from the burner.
 - (3) Remove the end of fuel feed hose assembly from the supply drum and place it in a quart container filled with OE-30 oil (Item 17, App C). Operate both units until the container is empty and the burner stops.
 - (4) Install protective caps on fuel pump inlet and outlet connections.
- f. Stow water pump and work platform in transport position.

1-5. NOMENCLATURE CROSS-REFERENCE.

<u>Common Name</u>	<u>Official Nomenclature</u>
Alarm Box	Box, safety warning
Compressor	Compressor, air
Controller	Program control, washer
Control Stand	Stand, controller
Dryer	Drying tumbler
Dryer bin	Bin assembly, dryer
Extractor	Extractor, laundry, centrifugal
Extractor Bin	Pre-extraction bin
Generator	Generator set, diesel engine driven, 10 kW, 60 Hz
Ground Rod Holder	Holder assembly, ground rods
Laundry	Model M85 laundry unit, trailer-mounted
Platform	Work platform
Trailer	Trailer, cargo, 5-ton, Model M10-61 EI
Washer	Washing machine, laundry, open end
Water heater	Heater, water, liquid fuel fired, Model M-80

1-6. REPORTING EQUIPMENT IMPROVEMENT RECOMMENDATIONS (EIR). If your laundry unit needs improvement, let us know. Send us an EIR. You, the user, are the only one who can tell us what you don't like about your equipment. Let us know why you don't like the design or performance. Put it on an SF 368, (Product Quality Deficiency Report). Mail it to: Commander, US Army Aviation and Troop Command, ATTN: AMSAT-I-MDO, 4300 Goodfellow Blvd., St. Louis, MO 63120-1798. A reply will be furnished to you.

1-7. WARRANTY INFORMATION. The laundry unit components are warranted by the manufacturer for 12 months. The warranty starts on the date bound in block 23, DA Form 2408-9, Equipment Control Record, in the log book Report defects in material or workmanship to you supervisor, who will take appropriate action through your unit maintenance shop.