

**OPERATOR'S MANUAL**

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

This copy is a reprint which includes current  
pages from Changes 1 and 2.

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**HEADQUARTERS, DEPARTMENT OF THE ARMY**

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TECHNICAL MANUAL  
NO. 10-3510-209-10

HEADQUARTERS  
DEPARTMENT OF THE ARMY  
Washington, D.C. 12 February 1988

OPERATOR'S MANUAL  
FOR THE TRAILER-MOUNTED LAUNDRY UNIT  
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 direct to: Commander, US Army Troop Support Command, ATTN: AMSTR-MCTS, 4300 Goodfellow Blvd., St. Louis, MO 63120-1798. A reply will be furnished to you.

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## HOW TO USE THIS MANUAL

This manual (TM 10-3510-209-10) is designed to help you operate and maintain the model M85 trailer-mounted laundry unit. Listed below are some special features which have been put in to help you locate and use the information need.

A front cover Table of Contents is provided, giving you a quick reference to chapters and sections that you will be using often.

Each section begins with an index listing each paragraph heading.

Subject headings and certain other essential information are printed in bold type to make them more visible.

## FOLLOW THESE GUIDELINES WHEN YOU USE THIS MANUAL

Read through this manual and become familiar with the instructions before attempting to operate the laundry unit.

Read all warnings and cautions before performing any procedures.

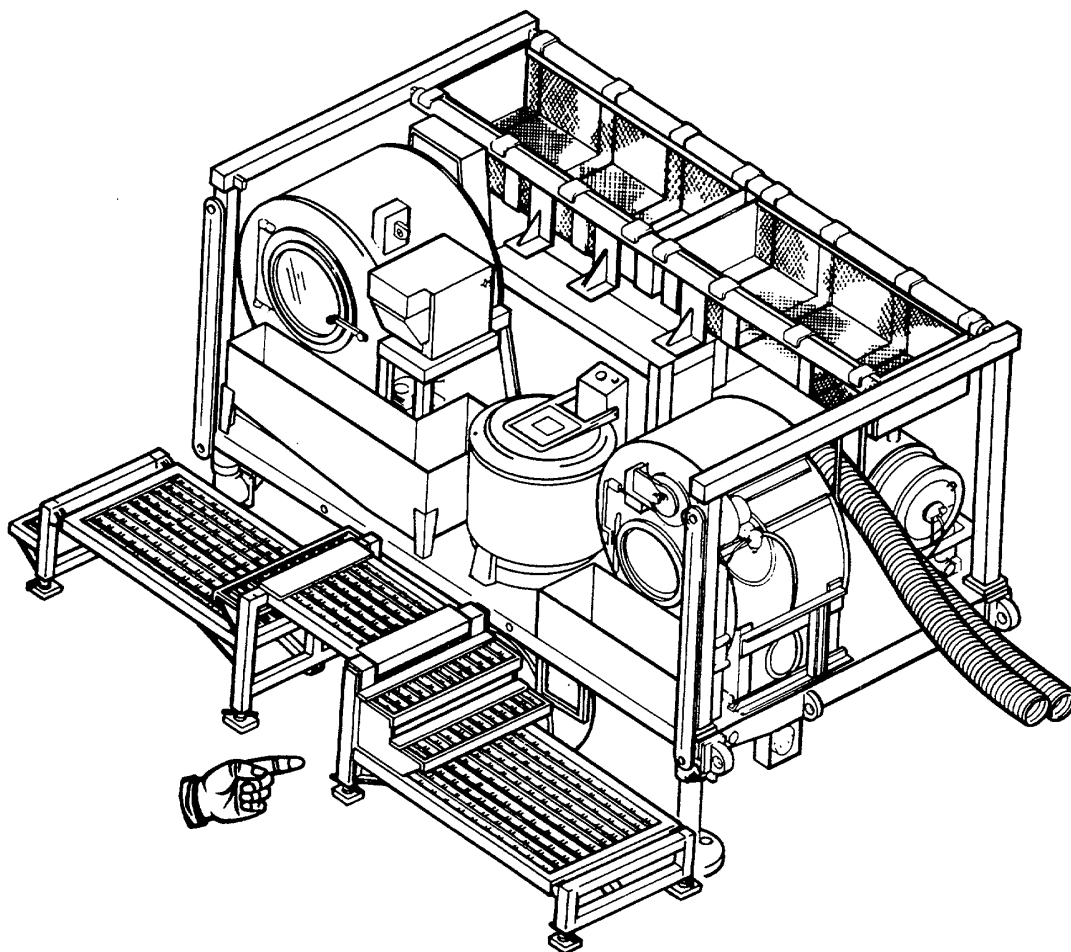


FIGURE 1-0. Trailer-mounted laundry unit M85.

1-0 Change 1

## CHAPTER 1

## INTRODUCTION

## Section I. GENERAL INFORMATION

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**1-1. SCOPE.** This operator's manual describes the operating and operator's maintenance procedures for the M85 trailer-mounted laundry unit.

**1-2. MAINTENANCE FORMS AND RECORDS.** Department of the Army forms and procedures used for equipment maintenance will be those prescribed by DA PAM 738-750, The Army Maintenance Management System (TAMMS).

**1-3. HAND RECEIPT (HR) MANUALS.** This manual has a companion document with a TM number followed by -HR (which stands for hand receipt). The TM 10-3510-209-10-HR consists of preprinted hand receipts (DA Form 2062) that list end item-related equipment (i.e., COEI and BII) you must account for. As an aid to property accountability, additional -HR manuals may be requisitioned from the following source in accordance with procedures in chapter 3 of AR 310-2:

The US Army Adjutant General Publications Center  
ATTN: AGLD-OD  
1655 Woodson Road  
St. Louis, MO 63114

**1-4. REPORTING EQUIPMENT IMPROVEMENT RECOMMENDATIONS (EIR).** If your laundry unit needs improvements, 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 (Quality Deficiency Report). Mail it to Commander, US Army Troop Support Command, ATTN: AMSTR-QX, 4300 Goodfellow Blvd., St. Louis, MO 63120-1798. We'll send you a reply.

**1-5. WARRANTY INFORMATION.** The laundry unit components are warranted by the manufacturers for 12 months. The warranty starts on the date found in block 23, DA Form 2408-9, in the logbook. Report defects in material or workmanship to your supervisor, who will take appropriate action through your organizational maintenance shop.

**1-6. METRIC SYSTEM.** The equipment described herein contains metric components and requires metric common and special tools; therefore, metric units in addition to English units will be used throughout this publication. See reference information (para 1-7b) for abbreviations. An English-to-metric conversion table is included as the last page of this manual, inside the back cover.

**1-7. REFERENCE INFORMATION.** This paragraph includes the nomenclature cross- reference list, list of abbreviations, and an explanation of terms (glossary) used in this manual.

a. Nomenclature Cross-Reference List.

| <u>Common Name</u>  | <u>Official Nomenclature</u>                         |
|---------------------|------------------------------------------------------|
| Deleted             |                                                      |
| Compressor .....    | Compressor, Air                                      |
| Controller .....    | Control, Programmer                                  |
| Control Stand ..... | Controller, Stand                                    |
| Dryer .....         | Drying Tumbler, Laundry                              |
| Dryer Bin .....     | Bin Assembly, Dryer                                  |
| Extractor .....     | Extractor, Laundry                                   |
| Drain Bin .....     | Bin, Pre-Extraction                                  |
| Generator Set ..... | Generator Set, Diesel Engine<br>Driven, 10 kW, 60 Hz |
| Laundry Unit .....  | Laundry Unit, Trailer-Mounted                        |
| Platform .....      | Platform, Work                                       |
| Trailer .....       | Trailer, Cargo, 5-Ton, M10-61E1                      |
| Washer .....        | Washing Machine, Laundry, Open-End<br>Type           |
| Water Heater .....  | Heater, Water, Liquid Fuel: M-80                     |

b. Abbreviations.

|      |                                      |
|------|--------------------------------------|
| BDU  | Battle Dress Uniform                 |
| BII  | Basic Issue Items List               |
| CAGE | Commercial and Government Entity     |
| COEI | Components of End Item               |
| EIR  | Equipment Improvement Recommendation |
| gpm  | Gallons per Minute                   |
| Hz   | Hertz                                |
| hp   | Horsepower                           |
| kg   | Kilogram(s)                          |
| kPa  | Kilopascal(s)                        |
| m    | Meter(s)                             |
| qt   | Quart                                |
| rpm  | Revolutions per Minute               |
| Vac  | Volts Alternating Current            |
| W    | Watt(s)                              |
| wt   | Weight                               |

c. Glossary.

Extract- To remove most of the water from a wet wash load by spinning load in a perforated drum.

Hertz- Cycles per second of electrical current.

Tumbler-Horizontal, rotating drum that tosses wash load about and effects more efficient washing or drying.