

TECHNICAL MANUAL

**UNIT MAINTENANCE MANUAL
FOR
EXTRACTION LINE PANEL
(INCLUDING STOWING PROCEDURES)**

NSN 1670-01-183-2678

DISTRIBUTION A – Approved for public release; distribution is unlimited.

***This manual supersedes TM 10-1670-286-20 dated 1 April 1986 including all changes.**

HEADQUARTERS, DEPARTMENT OF THE ARMY

15 March 2001

**HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 15 March 2001**

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REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

ARMY

You can help improve this manual. If you find any mistakes, or if you know of a way to improve these procedures, please let us know. Mail your letter or 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, U.S. Tank-automotive & Armament Command; ATTN: AMSTA-LC-CECT, Kansas Street, Natick, MA 01760-5052. You may also submit your recommended changes by E-mail directly to amssbriml@natick.army.mil. A reply will be furnished directly to you. Instructions for sending an electronic 2028 may be found at the back of this manual immediately preceding the hard copy 2028.

AIR FORCE

Reports by U.S. Air Force units should be submitted on AFTO Form 22, Technical Order Publication Improvement Report, and forwarded to the address prescribed above for the Army. An information copy of the prepared AFTO Form 22 shall be furnished to WP-ALC/TILTA, 420 2ND Street, Suite 100, Robins AFB, GA 31098-1640

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HOW TO USE THIS MANUAL

This manual contains General Information, Operating Instructions, Operator Preventive Maintenance Checks and Services (PMCS), Troubleshooting, and Maintenance/Repair Instructions for the Extraction Line Panel (including Stowing Procedures).

Chapter 1 contains introductory information on the Extraction Line Panel and its associated equipment. Chapter 2 includes instructions, preventive maintenance and services. Chapter 3 concludes with Extraction Line Procedures for the C-17 Globemaster III, maintenance procedures and allocations, references, and other supporting information.

Manual Organization and Page Numbering System. The Manual is divided into three major chapters that detail the topics mentioned above. Within each chapter are work packages covering a wide range of topics. Each work package is numbered sequentially starting at page 1. The work package has its own page-numbering scheme and is independent of the page numbering used by other work packages. Each page of a work package has a page number of the form XXXX YY-ZZ where XXXX is the work package number (e.g. 0010 is work package 10) and YY is the revision number for that work package and ZZ represents the number of the page within that work package. A page number such as 0010 00-1/2 blank means that 1 page contains information but page 2 of that work package has been intentionally left blank.

Finding Information. The Table of Contents permits the reader to find information in the manual quickly. The reader should start here first when looking for a specific topic. The Table of Contents lists the topics contained within each chapter and the Work Package Sequence number where it can be found.

Example: If the reader were looking for instructions on "Stowing 60 FT One Loop Extraction Line", which is a Unit Maintenance topic, the Table of Contents indicates that Unit maintenance information can be found in Chapter 2. Scanning down the listings for Chapter 2, "Stowing 60 FT One Loop Extraction Line" information can be found in WP 0005 00. An Alphabetical Index can be found at the back of the manual and lists specific topics with the corresponding work packages.

CHAPTER 1

INTRODUCTION

OF

EXTRACTION LINE PANEL

**EXTRACTION LINE PANEL
GENERAL INFORMATION**

0001 00

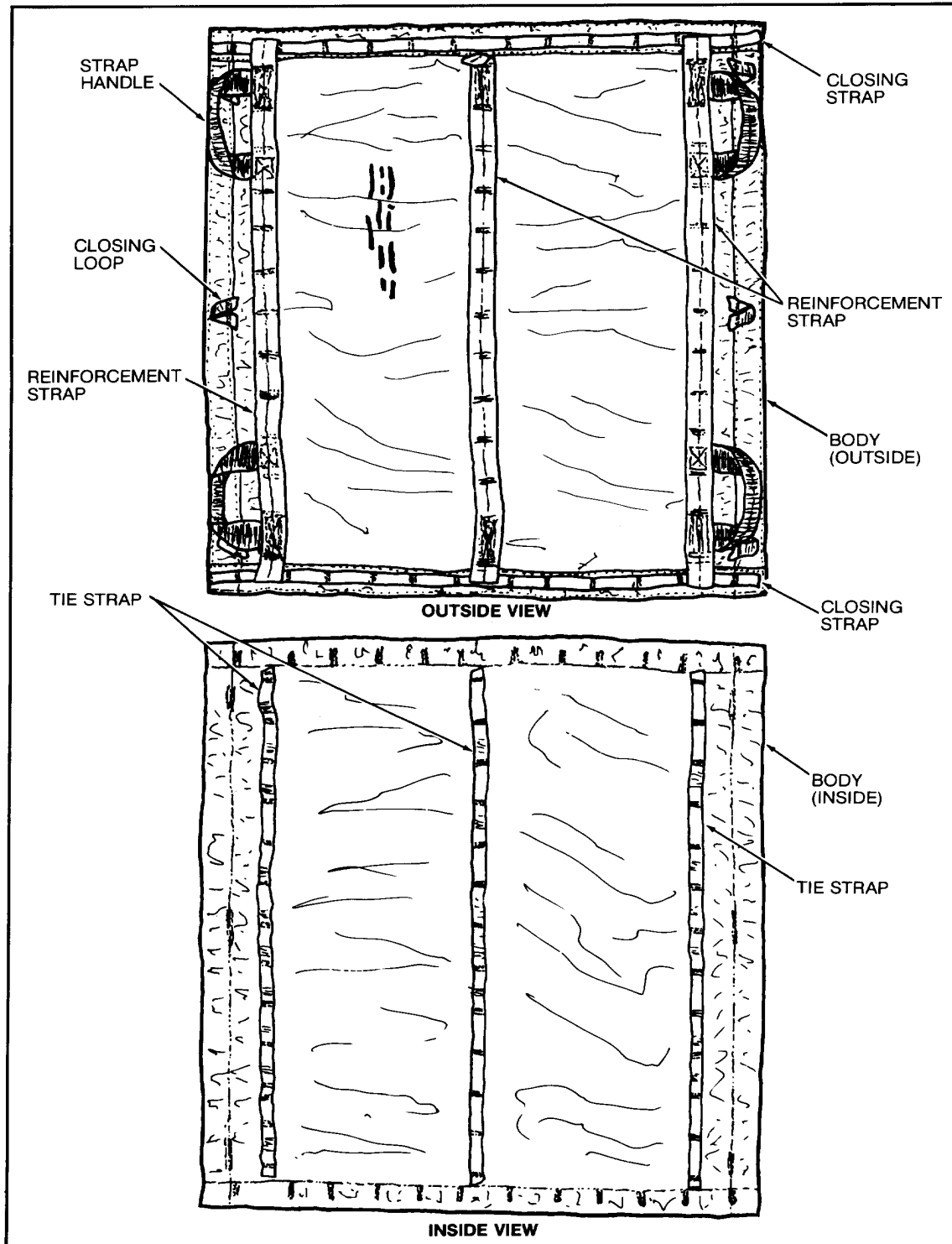


Figure 1. Extraction Line Panel.

**EXTRACTION LINE PANEL
GENERAL INFORMATION**

0001 00**SCOPE**

Type of Manual: Unit Maintenance Manual.

Equipment Name: Extraction Line Panel (figure 1).

Purpose of Equipment: A universal panel used for storage and deployment of extraction lines and suspension slings. When two Extraction Line Panels are laced together, the item then takes the noun nomenclature of Extraction Line Bag.

MAINTENANCE FORMS, RECORDS AND REPORTS

Department of the Army forms and procedures used for equipment maintenance will be those prescribed by DA PAM 738-750, The Army Maintenance Management Systems (TAMMS).

DESTRUCTION OF ARMY MATERIEL TO PREVENT ENEMY USE.

Training. All personnel who use or perform such functions as packing, maintenance or storage of Extraction Line Panel must receive thorough training on destruction procedures. Upon completion of training personnel must be capable of performing destruction without reference to any publication.

Natural Surroundings. Accessible vital parts may be removed and scattered through dense foliage, buried in dirt or sand or thrown into a lake, stream or other body of water.

Mechanical. Demolish by using shears, fabric cutters, awls, files, knives, screwdrivers, pack hooks, or other similar devices to cut, rip, tear, or slash fabric, lines loops, straps, and tapes.

Burning. Loosely pile assembly fabric, lines loops, straps, and tapes. Burn, using gasoline, cleaning solvent, oil, grease, paraffin, beeswax, rubber wood, or other flammable materials as a fire starter.

PREPARATION FOR STORAGE OR SHIPMENT.

To prepare the Extraction Line Panel for storage or shipment, refer to WP 0018 00.

REPORTING EQUIPMENT IMPROVEMENT RECOMMENDATIONS (EIR's).

If the Extraction Line Panel mentioned in this technical manual can be improved, let us know. Please, complete a Standard Form 368 (Quality Deficiency Report) indicating your recommendations. Mail it to: Commander, TACOM, ATTN: AMSTA-LC-R, Kansas Street, Natick, MA 10760-5052. A reply will be furnished directly to you.