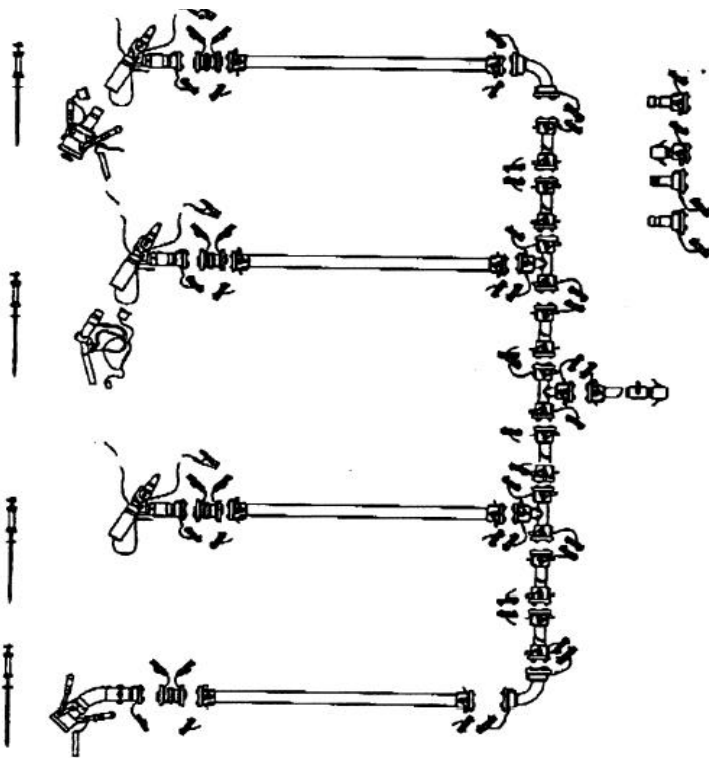


**TECHNICAL MANUAL
OPERATOR'S, UNIT AND DIRECT
SUPPORT MAINTENANCE MANUAL
INCLUDING REPAIR PARTS AND
SPECIAL TOOLS LIST FOR
HEMTT TANKER AIRCRAFT**

REFUELING SYSTEM

MODEL HTARS100

NSN: 4930-01-365-2771



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Distribution Statement A. Approved for public release; distribution is unlimited.

HEADQUARTERS, DEPARTMENT OF THE ARMY

28 FEBRUARY 1994

TECHNICAL MANUAL

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HEADQUARTERS
DEPARTMENT OF THE ARMY
Washington, D.C. 28 February 1994

**OPERATOR'S, UNIT AND
DIRECT SUPPORT MAINTENANCE MANUAL
INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST
for
HEMTT TANKER AIRCRAFT REFUELING SYSTEM
MODEL HTARS100
NSN: 4930-01-365-7771
and
MODEL HTARS101
NSN: 4930-01-435-9019**

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can 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, U.S. Army Tank-automotive and Armaments Command, ATTN: AMSTA-AC-NML, Rock Island, IL 61299-7630. A reply will be furnished to you. You may also provide DA Form 2028-2 information to TACOM via datafax or e-mail: TACOM's fax number is DSN 786-6323, TACOM's e-mail address is tacom-tech-pubs @ cc.tacom.army.mil

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HOW TO USE THIS MANUAL

Be sure to read all Warnings before using your equipment.

This manual incorporates a quick reference tab feature that allows you to quickly locate the most often referenced subjects and topics appearing in this manual. The reference tab feature is comprised of the following components:

Cover Page Index

Index boxes are located on the right-hand edge of the cover page. Each index box contains a subject title, page number, and black index tab.

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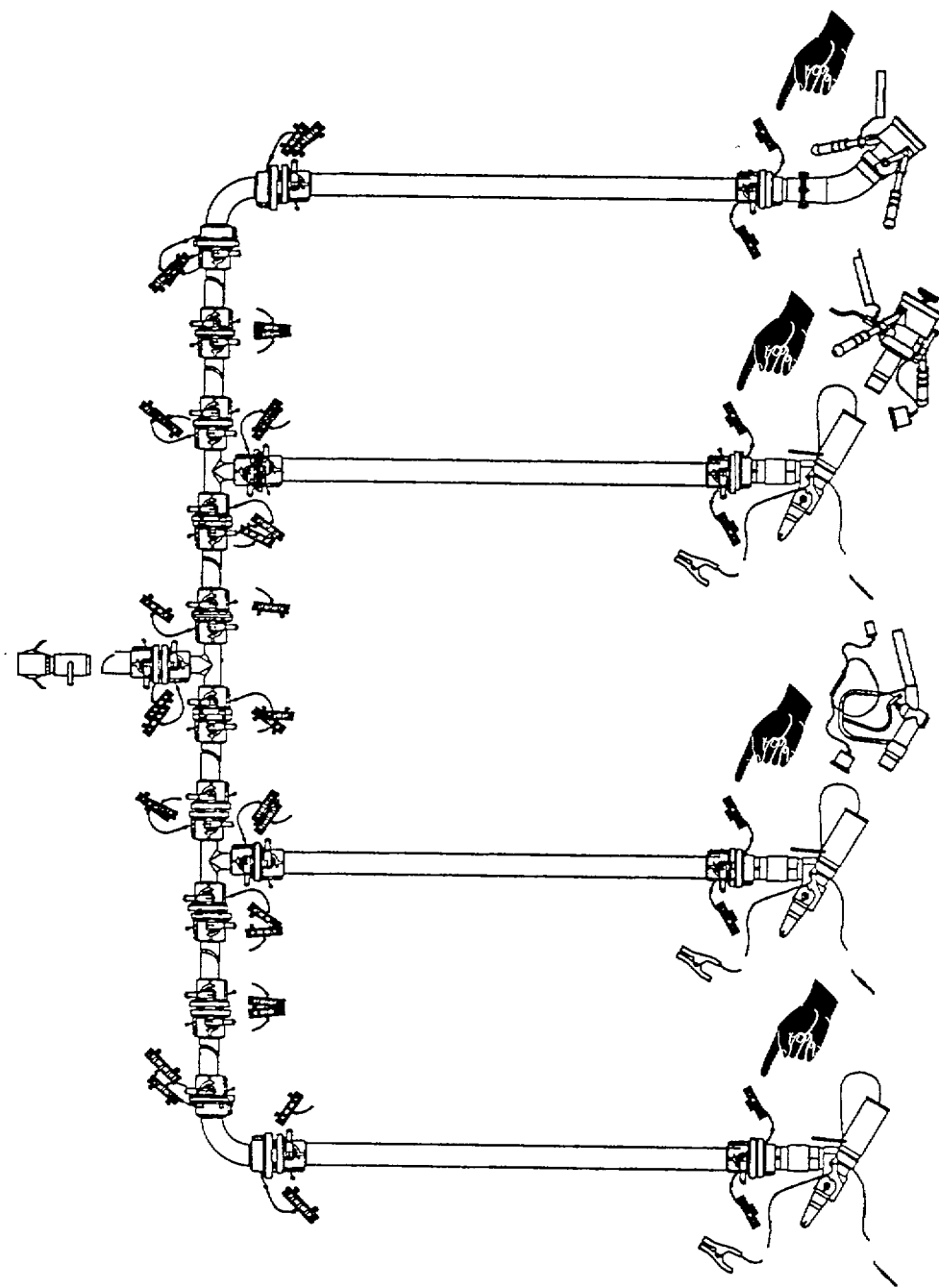
The Table of Contents lists all the major subjects contained in this manual. Subjects that are surrounded by a black box correspond to those that appear on the cover page index.

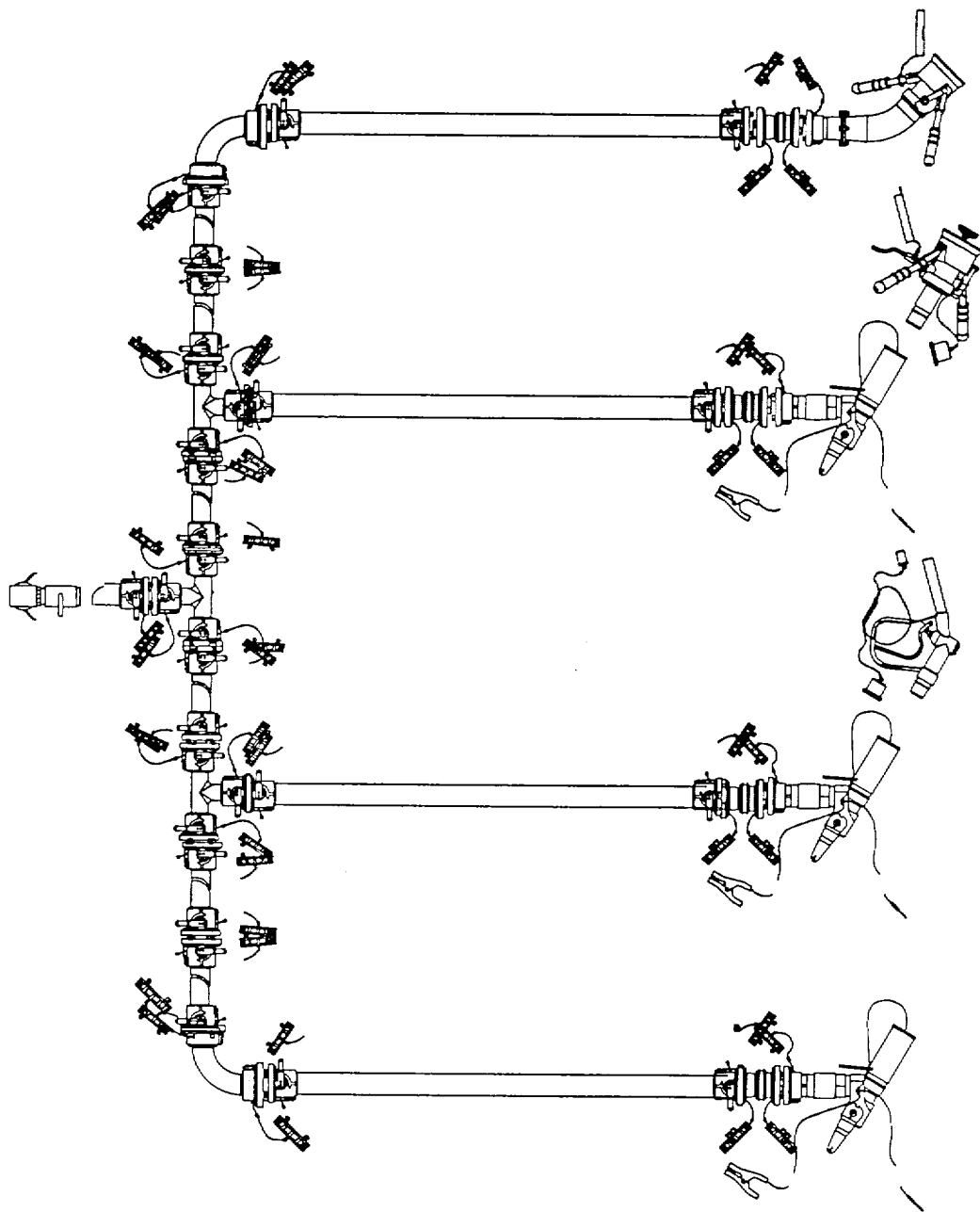
Page Numbers and Index Tabs

Each page of this manual is identified with a page number. Pages that contain the subjects identified on the cover page index also contain a black tab on the right edge of the page that aligns with the cover page index tab.

To use the quick reference tab feature, select the title of the subject you are trying to find from the cover page index. You can turn to the indicated page number or bend the pages back and locate the page tab that aligns with the cover index tab.

If the cover page is lost or badly worn, page numbers and index tabs can be located by referring to the Table of Contents.





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INTRODUCTION

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Section I. GENERAL INFORMATION

1-1. SCOPE.

This manual contains Operating instructions, Unit maintenance and Direct Support maintenance procedures required to operate and maintain the HEMTT Tanker Aircraft Refueling System (HTARS) The purpose of the HTARS is to distribute and control fuel flow from the HEMTT tanker to the aircraft being refueled. The HTARS consists of tees, elbows, adapters, lightweight hoses, and nozzles required to set up a four station aircraft refueling system.

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 738-750 (The Army Maintenance Management System (IAMMST)).

1-3. CORROSION PREVENTION AND CONTROL.

- a. Corrosion Prevention and Control (CPC) of Army Materiel is a continuing concern. It is important that any corrosion problems with this item be reported so that the problem can be corrected and improvements can be made to prevent the problem in future items.