

TECHNICAL MANUAL

**OPERATOR'S AND UNIT
MAINTENANCE MANUAL
(INCLUDING REPAIR PARTS
AND SPECIAL TOOLS LIST)**

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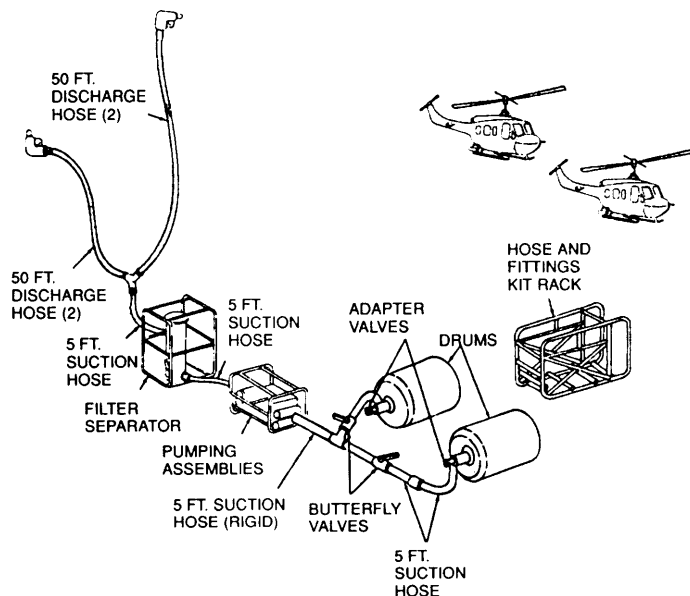
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**FORWARD AREA
REFUELING EQUIPMENT
NSN: 4930-01-301-8201**

DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.

*This manual supersedes TM 5-4930-238-12&P, dated 16 January 1990

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TECHNICAL MANUAL

**OPERATOR'S AND UNIT MAINTENANCE MANUAL
(INCLUDING REPAIR PARTS AND
SPECIAL TOOLS LIST)
FORWARD AREA REFUELING EQUIPMENT**

Current as of 1 June 1992

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, ATT AMSAT-I-MP, 4300 Goodfellow Blvd., St. Louis, MO 63120-01798. A reply will be furnished directly to you.

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HOW TO USE THIS MANUAL

a. General. This manual contains operation instructions and maintenance procedures for the Forward Area Refueling Equipment. At the beginning of each chapter, you will find an index of the topics covered in the chapter.

Chapter 3 Operator Maintenance

Chapter 4 Unit Maintenance

In using these procedures, you must familiarize yourself with an entire maintenance procedure before beginning a specific maintenance task.

Read all Warnings before you begin operating your equipment. Read each procedure completely before beginning a task. In locating specific items in this manual, following sections are included in this manual. References in the manual are to pages, paragraphs and appendixes or other publications.

b. Front Cover Index – Tabbed index of major functions and appendixes are keyed to tabbed pages in the manual. These major items are also enclosed in boxed areas in the Table of Contents.

c. Table of Contents – List of chapters, sections and appendixes.

d. Alphabetical Index – Extensive index for each subject, located at the end of this manual.

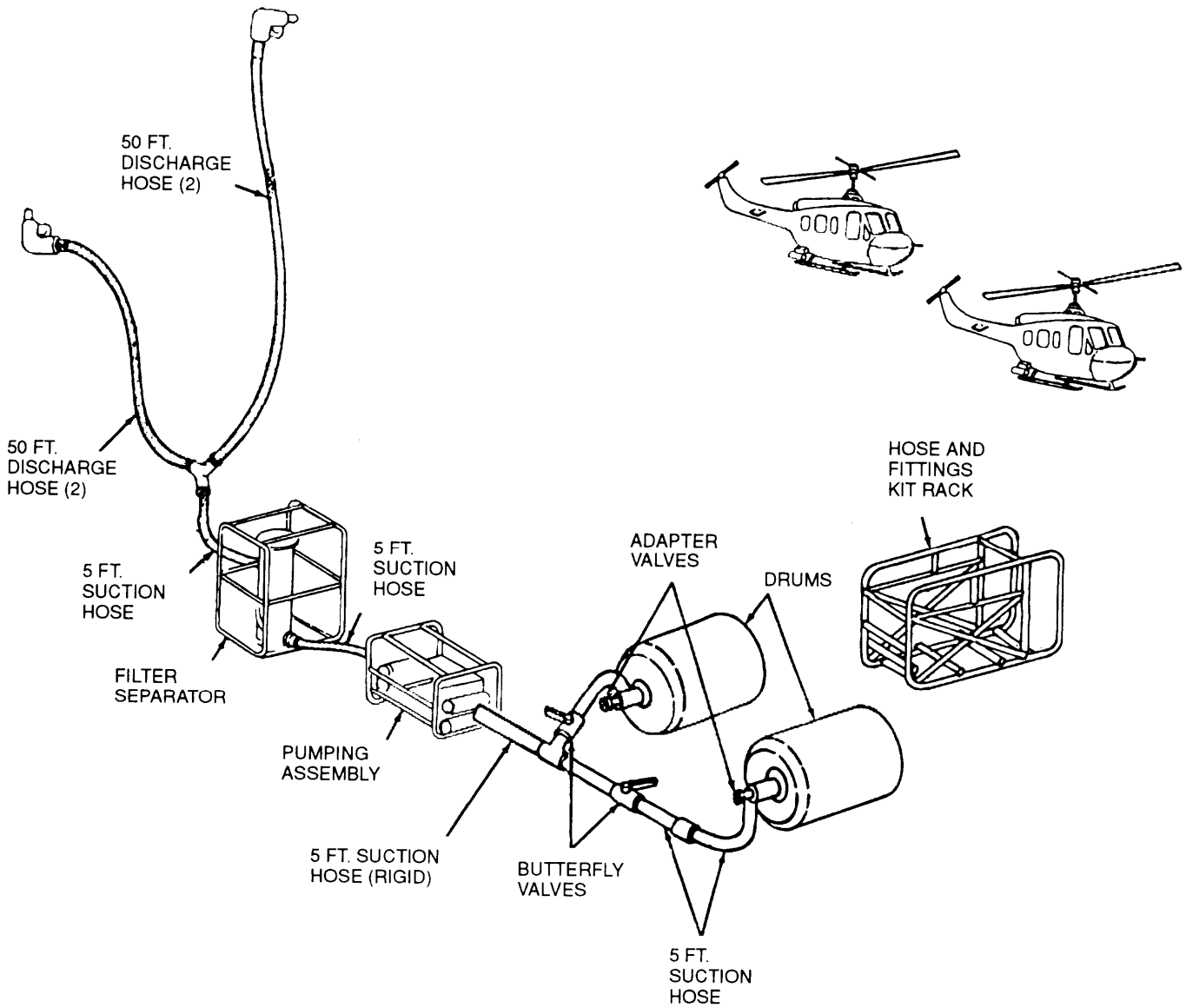


Figure 1-1. Typical Layout of FARE.

Chapter 1
INTRODUCTION

Section I	GENERAL INFORMATION
Section II	EQUIPMENT DESCRIPTION AND DATA
Section III	TECHNICAL PRINCIPLES OF OPERATION

Section 1. GENERAL INFORMATION

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1-1. SCOPE.

- a. Type of Manual. Operator and Unit Maintenance Manual, Including Repair Parts and Special Tools List.
- b. Model Number and Equipment Name. Forward Area Refueling Equipment, LaBarge Model Number LPI-F0500. Refer to Figure 1-1.
- c. Purpose of Equipment. Designed for refueling of helicopters in forward combat areas.

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.

1-3. DESTRUCTION OF ARMY MATERIEL TO PREVENT ENEMY USE.

Refer to TM 750-244-3, Procedures for Destruction of Equipment to Prevent Enemy Use.

1-4. PREPARATION FOR STORAGE OR SHIPMENT.

For other storage requirements or for shipment instructions, refer to Chapter 4, Section VI Administrative storage requirements will be in accordance with the following: