

**TECHNICAL MANUAL
OPERATOR AND UNIT MAINTENANCE MANUAL
INCLUDING REPAIR PARTS AND SPECIAL TOOLS
LIST**

**PERSONNEL INSERTION/EXTRACTION SYSTEMS
FOR STABO**

**(NSN 1670-00-168-5952, NSN 1670-00-168-6064,
NSN 1670-00-168-6063)**

**FAST ROPE INSERTION/EXTRACTION SYSTEM
(NSN 4020-01-338-3307, NSN 4020-01-338-3308,
NSN 4020-01-338-3309)**

**AND
ANCHORING DEVICE
(NSN 1670-00-999-3544)**

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

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***This manual supersedes TM 10-1670-262-12, dated August 1970.**

**HEADQUARTERS, DEPARTMENT OF THE ARMY
25 SEPTEMBER 1992**

TECHNICAL MANUAL

NO. TM 10-1670-262-12&P

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON D.C., 25 SEPTEMBER 1992

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AND**ANCHORING DEVICE (NSN 1670-00-999-3544)****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 back of this manual direct to: Commander, US Army Aviation and Troop Command, ATTN: AMSAT-I-M P, 4300 Goodfellow Blvd., St. Louis, MO 63120-1798. A reply will be furnished to you.

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CHAPTER 1

INTRODUCTION

Section I. GENERAL INFORMATION

1-1. Scope.

This manual is published for use by operator and unit maintenance personnel responsible for operating and performing maintenance on the personnel stabilized body (STABO) insertion/extraction system and the fast rope extraction system. Additional instructions are also furnished for the installation of the cargo and personnel lowering anchoring device on the UH-1 aircraft.

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. Reporting of Equipment Improvement Recommendations (EIRs).

If your lowering device 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 SF368 Quality Deficiency Report (QDR). Mail it to us at: Commander, U.S. Army Troop Support Command, ATTN: AMSTR-MOF, 4300 Goodfellow Blvd., St Louis, MO 63120-1798. We will send you a reply.

1-4. Destruction of Army Materiel to Prevent Enemy Use.

Destruction methods are described in the following subparagraphs.

a. General.

- (1) **Objective.** Methods of destruction used to inflict damage on air delivery equipment make it impossible to restore equipment to a usable condition in a combat zone by either repair or cannibalization.
- (2) **Authority.** Destruction of air delivery equipment that is in imminent danger of capture by an enemy is a command decision that must be made by a battalion or higher commander or the equivalent.
- (3) **Implementation plan.** All units which possess air delivery equipment should have a plan for the implementation of destruction procedures.
- (4) **Training.** All personnel who use or perform such functions as rigging, packing, maintenance, or storage of air delivery equipment should receive thorough training on air delivery equipment destruction procedures and methods. The destruction methods demonstrated during training should be simulated. Upon completion of training, all applicable personnel should be thoroughly familiar with air delivery equipment destruction methods and be capable of performing destruction without immediate reference to any publication.

1-4. Destruction of Army Materiel to Prevent Enemy Use - continued.

- (5) Specific methods. Specific methods of destroying Army materiel to prevent enemy use shall be by mechanical means, fire, or by use of natural surroundings.

b. Destruction by Mechanical Means. Air delivery equipment metal assemblies, parts, and packing aids shall be destroyed using hammers, bolt cutters, files, hacksaws, drills, screwdrivers, crowbars, or other similar devices to smash, break, bend, or cut.

WARNING

Exercise extreme care when using petroleum products to destroy equipment by fire, as severe burns or death could result.

c. Destruction by Fire. Items that can be destroyed by fire shall be burned. The destruction of equipment by use of fire is an effective method of destroying low-melting-point metal items (e.g., side rails, threaded portions of nuts and bolts, and platform sheeting). However, mechanical destruction should be completed first, whenever possible, before initiating destruction by fire. When items to be destroyed are made of metal, textile materials (or some comparable low combustible material) should be packed under and around the items, then soaked with a flammable petroleum product and ignited. Proper concentration of equipment which is suitable for burning will provide a hotter and more destructive fire.

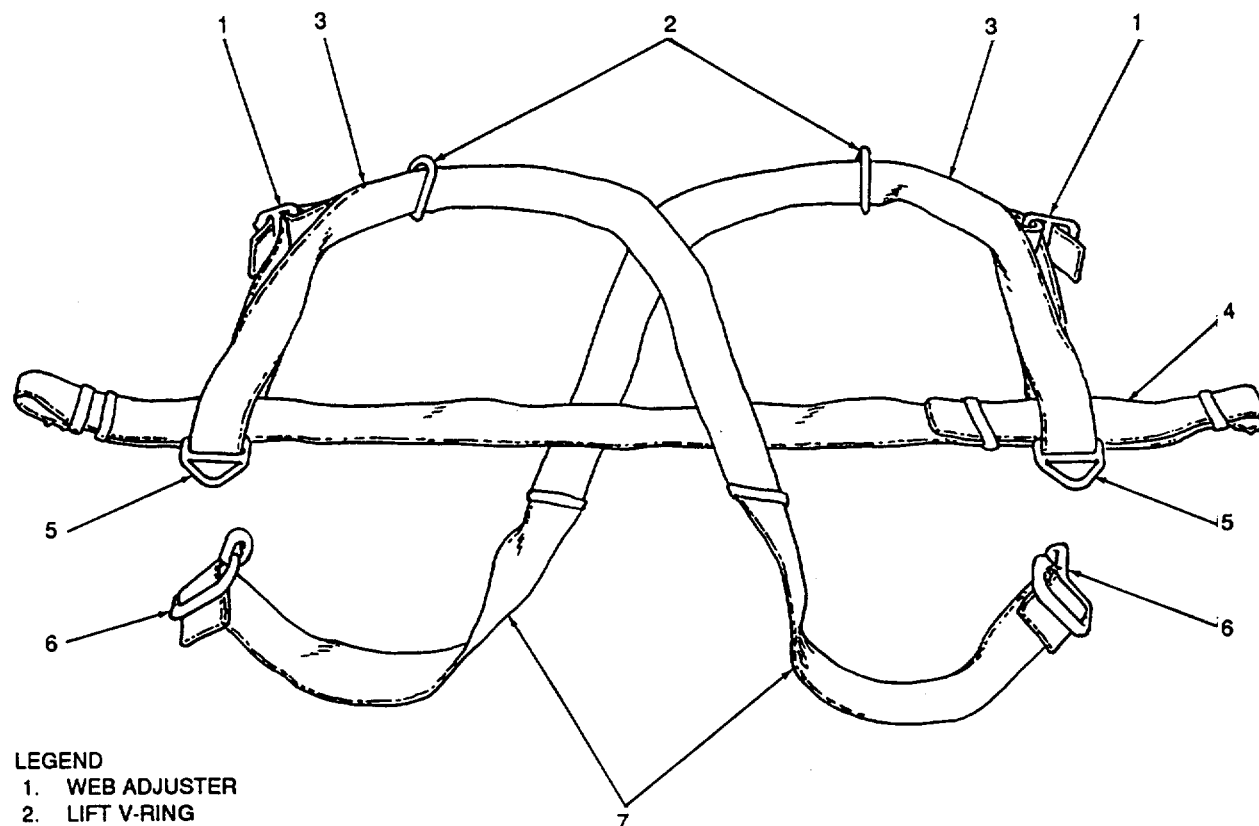
d. Destruction by Use of Natural Surroundings. Small vital parts of assemblies which are easily accessible may be disposed of as follows: Disposal or denial of equipment to an enemy may be accomplished through use of natural surroundings. Accessible vital parts of assemblies may be removed and scattered through dense foliage, buried in dirt or sand, or thrown into a lake, stream, or other body of water. Total submersion of equipment in a body of water will provide water damage as well as concealment. Saltwater will inflict extensive damage to air delivery equipment.

Section II. EQUIPMENT DESCRIPTION AND DATA**1-5. Equipment Characteristics, Capabilities, and Features.**

Characteristics, capabilities, and features of the equipment are as follows:

a. The Personnel STABO Extraction System.

- (1) Personnel harness. The personnel harness (fig. 1-1) is made of nylon webbing and stitched to a standard medium or large sized web pistol belt (4). The harness shoulder strap (3) is constructed in small, medium, and large sizes with leg straps (7) that may be adjusted to the comfort of the user. Each leg strap has an adjustable snap hook (6) which connects to the related leg strap connector V-ring (5). The harness possesses two web adjusters (1) for adjusting the harness webbing to individual size. An equipment attaching ring is positioned above each web adjuster on the front of the harness sling. Additionally, the harness has two lift V-rings (2) installed at the top of each of the harness shoulder straps, which connect to the bridle snap hooks and provide a lift point for the harness.



LEGEND

1. WEB ADJUSTER
2. LIFT V-RING
3. HARNESS SHOULDER STRAP
4. WEB PISTOL BELT
5. LEG STRAP CONNECTOR V-RING
6. ADJUSTABLE SNAP HOOK
7. LEG STRAP

Figure 1-1. The Personnel Harness, Typical.