

TECHNICAL MANUAL

**UNIT AND INTERMEDIATE DIRECT SUPPORT (DS)
MAINTENANCE MANUAL (INCLUDING REPAIR PARTS
AND SPECIAL TOOLS LIST)**

**FOR
PARACHUTE, CARGO TYPE:
26-FOOT DIAMETER, HIGH-VELOCITY
CARGO PARACHUTE
NSN 1670-00-872-6109**

***TM 10-1670-276-23&P, along with TM 10-1670-275-23&P, TM 10-1670-277-23&P, TM 10-1670-278-23&P, TM 10-1670-279-23&P, TM 10-1670-280-23&P, TM 10-1670-281-23&P, TM 10-1670-282-23&P, in their entirety, supersede TM 10-1670-215-23, dated 7 December 1973, including all changes.**

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**HEADQUARTERS, DEPARTMENTS OF THE ARMY, AIR FORCE,
AND NAVY
28 SEPTEMBER 1990**

TECHNICAL MANUAL

No 10-1670-276-23&P

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 28 September 1990

**Unit and Intermediate Direct Support (DS) Maintenance Manual
(Including Repair Parts and Special Tools List)
for
PARACHUTE, CARGO TYPE: 26-FOOT DIAMETER
HIGH-VELOCITY CARGO PARACHUTE ASSEMBLY
NSN 1670-00-872-6109
Current as of 23 May 1990**

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, U S Army Troop Support Command, ATTN. AMSTR-MCTS, 4300 Goodfellow Blvd, St Louis, MO 63120-1798. A reply will be furnished directly to you.

For Air Force, submit AFTO Form 22 (Technical Order System Publication Improvement Report and Reply and forward to the address prescribed above the for Army. An Information copy of the prepared AFTO Form 22 shall be furnished to SA-ALC/MMI LRA, Kelly AFB, TX 78241-5000

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CHAPTER 1

INTRODUCTION

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OVERVIEW

This chapter Includes the general information common to all parachute manuals and specific information pertinent to the parachute described In this manual

Section I. GENERAL

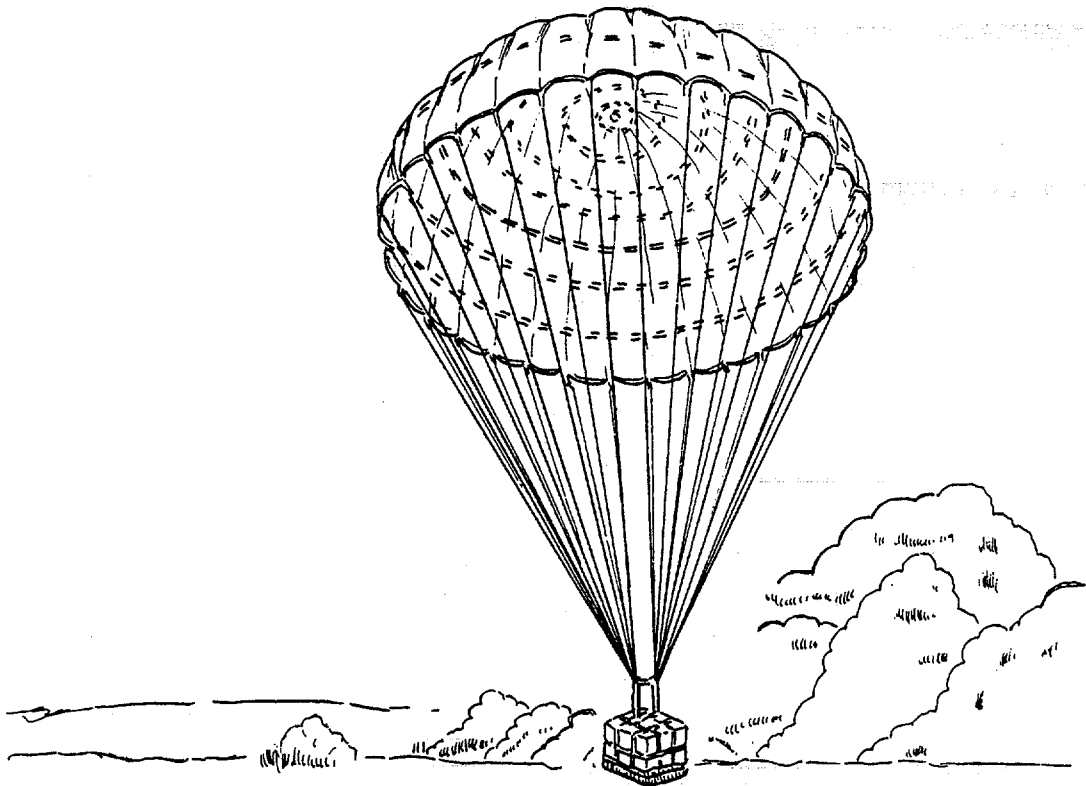
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1-1. Scope. The scope of this manual is described in the following subparagraphs

a Type of Manual. This manual provides unit and Intermediate direct support (DS) maintenance instructions for parachute NSN 1670-00-872-6109 This is a 26-Foot Diameter High-Velocity Cargo Parachute (figure 1-1). This manual also provides a Repair Parts and Special Tools List located at Appendix C.

b Equipment Name 26-Foot Diameter High-Velocity Cargo Parachute, hereinafter called the 26-Foot Cargo Parachute.

c Purpose of Equipment. The parachute provides high velocity air delivery of non-fragile supplies.



4836-001

Figure 1-1. 26-Foot Diameter High- Velocity Cargo Parachute

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 and TB 750-126, Use of Material Condition Tags and Labels on Army Aeronautical and Air Delivery Equipment.

1-3. 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 should make it impossible to restore equipment to a usable condition in a combat zone by either repair or cannibalization.

(2) *Authority.* Destruction of a parachute 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.

(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 these materials are highly flammable.

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. 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 combustibility 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 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. Salt water will inflict extensive damage to air delivery equipment.

1-4. Preparation for Storage or Shipment. For storage, refer to Chapter 2, Section VII of this manual.

1-5. Reporting of Equipment Improvement Recommendations (EIR). If your parachute system 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 SF 368 (Quality Deficiency Report). Mail it to us at Commander, U S Army Troop Support Command, ATTN: AMSTR-QP, 4300 Goodfellow Blvd, St Louis, MO 63120-1798. We will send you a reply.