# TECHNICAL MANUAL

## UNIT AND DIRECT SUPPORT (DS) MAINTENANCE MANUAL

*(INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST)*

**FOR**

## PARACHUTE, CARGO TYPE:

## 100-FOOT DIAMETER, MODEL G-11B, G-11C, AND G-11D

## NSN 1670-01-016-7841

**DISTRIBUTION STATEMENT A**: Approved for public release; distribution is unlimited.
*This manual supercedes TM 10-1670-280-23&P, dated 5 August 1991

**HEADQUARTERS, DEPARTMENT OF THE ARMY, AIR FORCE AND NAVY** **15 SEPTEMBER 2002**

*ARMY TM 10-1670-280-23&P
AIR FORCE T.O. 13C5-31-2
NAVY NAVAIR 13-1-31

HEADQUARTERS DEPARTMENT OF THE
ARMY, AIR FORCE, AND NAVY,
WASHINGTON, D.C., 15 September 2002

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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 Soldier, Biological and Chemical Command, ATTN: AMSSB-RIM-L (N), Kansas St., 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 electronic 2028 may be found at the back of this manual immediately preceding the hard copy 2028.

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

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## HOW TO USE THIS MANUAL

In this manual, primary chapters appear in upper case/capital letters; work packages are presented in numeric sequence, e.g., 0001 00; paragraphs within a work package are not numbered and are presented in a titles format. For a first level paragraph, title all upper case/capital letters, e.g., FRONT MATTER subordinate paragraph title will have the first letter of the first word of each principle word all upper case/capital letters, e.g., Manual Organization and Page Numbering System. The location of additional material that must be referenced is clearly marked. Illustrations supporting maintenance procedures/text are located underneath, or as close as possible to, their referenced paragraph.

**FRONT MATTER.** Front matter consists of front cover, warning summary, title block, table of contents, and how to use this manual page.

**CHAPTER 1 – DESCRIPTION AND INTRODUCTION**. Chapter 1 contains general information and equipment.

**CHAPTER 2 - OPERATOR MAINTENANCE INSTRUCTIONS.** Chapter 2 contains service upon receipt, initial receipt, receipt of used parachute assembly, and preventive maintenance checks and services information and instructions.

**CHAPTER 3 – UNIT MAINTENANCE INSTRUCTIONS.** Chapter 3 contains maintenance procedures authorized at the unit level.

**CHAPTER 4 – DIRECT SUPPORT MAINTENANCE INSTRUCTIONS.** Chapter 4 provides maintenance procedures authorized at the direct support level.

**CHAPTER 5 - SUPPORTING INFORMATION.** Chapter 5 contains references, expendable and durable items list, maintenance allocation chart, repair parts and special tools list, national stock number index, part number index, and illustrated list of manufactured items.

**REAR MATTER.** Rear matter consists of alphabetical index, DA Form 2028, authentication page, and back cover.

**Manual Organization and Page Numbering System.** The manual is divided into five 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 for XXXX YY-ZZ where XXXX is the work package number (e.g. 0010 is work package 10), 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 page 1 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 RADIAL TAPE, which is a unit maintenance topic, the table of contents indicates that unit maintenance information can be found in chapter 3. Scanning down the listings for chapter 3, RADIAL TAPE information can be found in WP 0023 00 (Work Package 23).

An alphabetical index can be found at the back of the manual; specific topics are listed with the corresponding work package number.

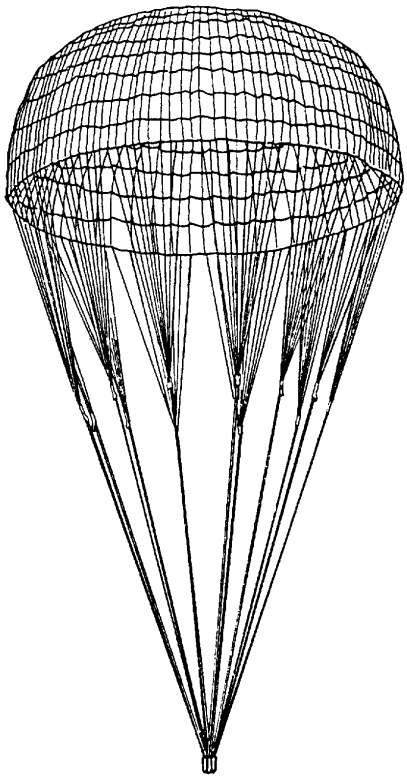
# CHAPTER 1

## DESCRIPTION AND INTRODUCTION FOR PARACHUTE, CARGO TYPE: 100-FOOT DIAMETER, MODEL G-11B, G-11C, AND G-11D

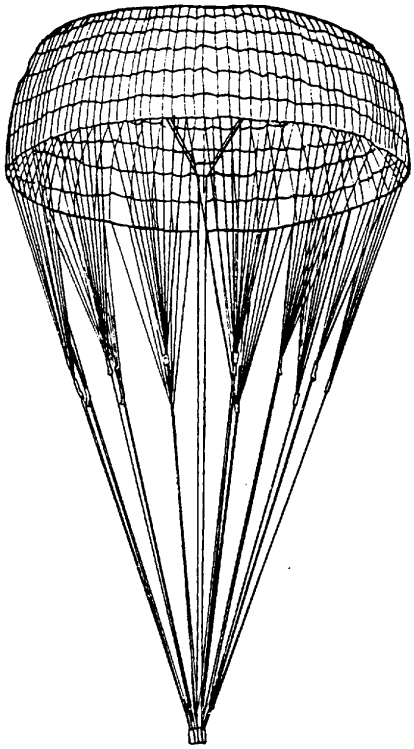
## 100-FOOT DIAMETER CARGO PARACHUTE GENERAL INFORMATION

### SCOPE

This manual provides unit and direct support (DS) maintenance instructions for the 100-Foot Diameter, Cargo Parachute NSN 1670-01-016-7841. This manual also provides a Repair Parts and Special Tools List (RPSTL), located in WP 0051 00 through WP 0056 00.



**100-Foot Diameter, Cargo Parachute Assembly, Model G-11D**



**100-Foot Diameter, Cargo Parachute Assembly, Models G-11B and G-11C**

**Equipment Name.** 100-Foot Diameter Cargo Parachute, Model G-11B, Model G-11C, and Model G-11D, hereinafter called 100-Foot Cargo Parachute.

**Purpose of Equipment.** The parachute provides air delivery of vehicular and bulk-type platform loads. It may be used singly or in clusters of two or more.