

TECHNICAL MANUAL

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

FOR

**PARACHUTE, PERSONNEL TYPE:
24-FOOT DIAMETER, TROOP,
CHEST, RESERVE (T-10R)
NSN 1670-00-892-4218**

**MODIFIED IMPROVED RESERVE
PARACHUTE SYSTEM (MIRPS)
NSN 1670-01-420-4256**

DISTRIBUTION STATEMENT A – Approved for public release; distribution is unlimited

***This manual supersedes TM 10-1670-269-23&P, dated 30 August 2001**

HEADQUARTERS, DEPARTMENT OF THE ARMY

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**HEADQUARTERS,
DEPARTMENT OF THE ARMY, AIR FORCE, NAVY,
AND HEADQUARTERS, U.S. MARINE CORPS
WASHINGTON, D.C., 31 AUGUST 2003**

Technical Manual

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REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

ARMY

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. 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.

AIR FORCE

Reports by U.S. Air Force units should be submitted on AFTO Form 22 (Technical Order Publication Improvement Report) and forwarded to the address prescribed above for the Army. An information copy of the prepared AFTO Form 22 shall be furnished to SAAMA/MMSTR, Kelly AFB, and TX 78241-5000.

MARINE CORPS

Marine Corps personnel submit NAVMC 10772 form to Commander, ATTN: (Code 850), Marine Corps Logistics Base, 814 Radford Blvd., Albany, GA 31704-1128.

NAVY

Submit NAVSEA Form 4160/1 (REV 2-99) to Commander, NSDSA Code 5E30, NAVSURFCENDIV, 4363 Missile Way, Port Hueneme, CA 93043-4307. A reply will be sent to you.

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HOW TO USE THIS MANUAL

This manual contains General Information, Operating Instructions, Operator Preventive Maintenance Checks and Services (PMCS), Maintenance and Repair Instructions, Maintenance Allocation Chart (MAC), Repair Parts and Special Tools List (RPSTL), and Supporting Information for the 24-Foot Diameter Troop Chest Reserve (T-10R) Parachute and the Modified Improved Reserve Parachute System (MIRPS).

Chapter 1 contains introductory information on the T-10R and the MIRPS. Chapter 2 includes Operator Maintenance Instructions, and PMCS. Chapter 3 includes Unit Maintenance Instructions. Chapter four contains Direct Support Maintenance Instructions. Chapter 5 concludes with the MAC, the RPSTL, References, and other supporting information.

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 (WPs) 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 form XXXX YY-ZZ where XXXX is the work package number (e.g. 0010 is work package 10) and 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 1 page contains information but page 2 of that work package has been intentionally left blank.

Finding Information. The Table of Contents (TOC) 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 was looking for instructions on "Service upon receipt", which is a Operator Maintenance instruction, the table of contents indicates that Operator Maintenance information can be found in Chapter 2. Scanning down the listings for Chapter 2, "Service Upon Receipt" information can be found in WP 0004 00 (Work Package 4).

An Alphabetical Index can be found at the back of the manual, and lists specific topics with the corresponding work packages.

CHAPTER 1

**INTRODUCTORY INFORMATION
FOR
PARACHUTE, PERSONNEL TYPE:
24-FOOT DIAMETER, TROOP,
CHEST, RESERVE (T-10R)
AND THE
MODIFIED IMPROVED RESERVE
PARACHUTE SYSTEM (MIRPS)**

24-FOOT DIAMETER TROOP CHEST RESERVE (T-10R) PARACHUTE AND THE MIRPS GENERAL INFORMATION

OVERVIEW

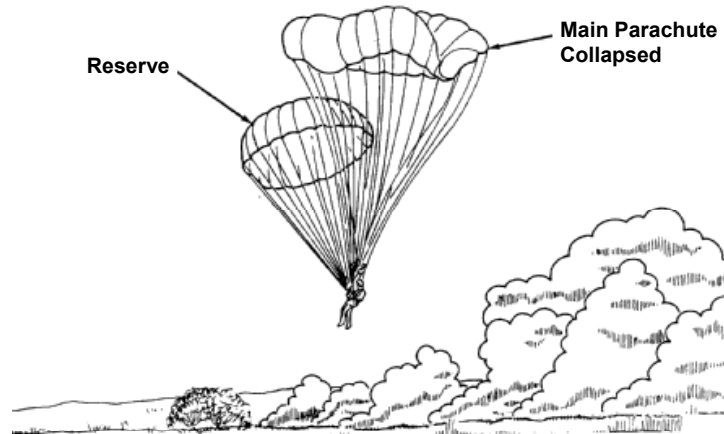
This work package (WP) includes the general information common to all parachute manuals and specific information pertinent to the parachutes described in this manual.

SCOPE

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

Type of Manual

This manual provides unit and direct support (DS) maintenance instructions for parachute NSN 1670-00-892-4218, and NSN 1670-01-420-4256. These are 24-Foot Diameter, Troop, Chest, Reserve Parachutes. Included in these instructions are procedures for packing and maintenance pertaining to the composition, inspection, repair, and replacement of individual components and assemblies. This manual also provides a Repair Parts and Special Tools List (RPSTL) located in work WP 0045 00 through WP 0052 00.



Equipment Name

24-Foot Diameter, Troop, Chest, Reserve (T-10R) Parachute, and the Modified Improved Reserve Parachute System (MIRPS).

Purpose of Equipment

These parachutes are reserve type designed to be activated manually, by means of a ripcord, by the parachutist in the event the primary parachute malfunctions. It provides capability to safely deliver an airborne trooper and individual equipment from an aircraft in flight for a vertical assault on an enemy.

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 Systems (TAMMS), and DA PAM 738-751. The Army Maintenance System – Aviation. Marine Corps personnel will refer to TM 4700-15/1, Equipment Maintenance Forms and Procedures.