

# TM 10-5430-243-12&P

## TECHNICAL MANUAL

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

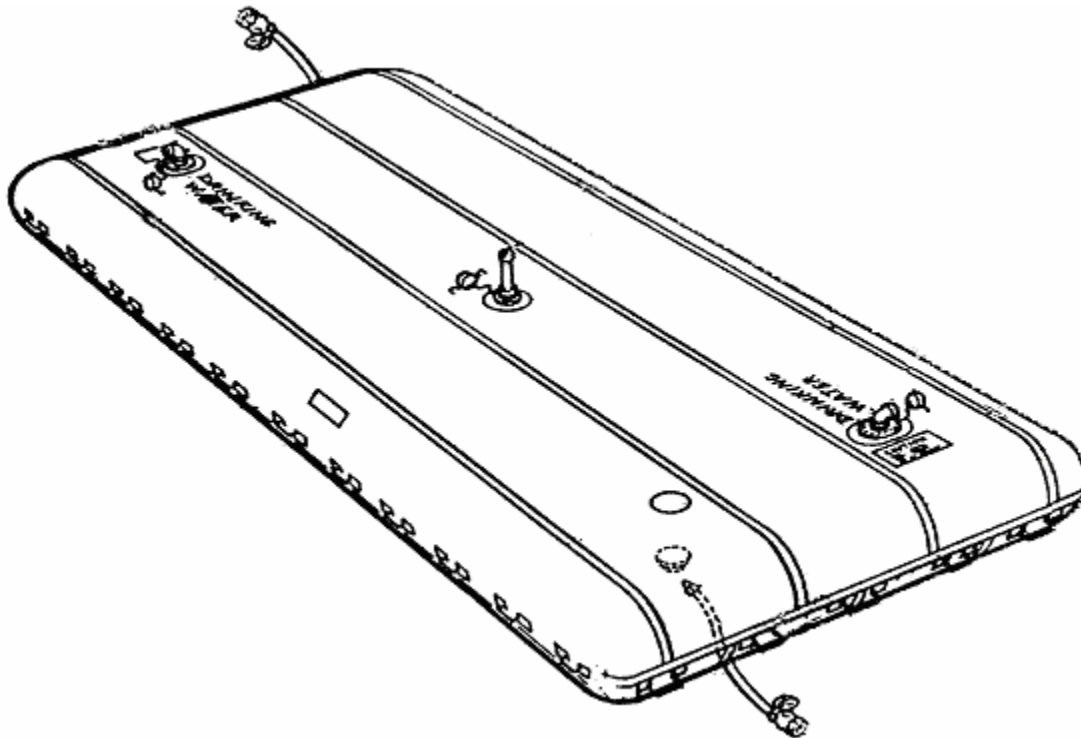
TANK, FABRIC, COLLAPSIBLE; WATER STORAGE,  
20,000 AND 50,000 GALLONS

### 20,000 GALLONS

MODEL GTA-20KW	NSN 5430-01-485-8341
MODEL RCF-20-K-W-OB	NSN 5430-01-487-0633
MODEL MPC-W-20K-22276	NSN 5430-01-487-0637

### 50,000 GALLONS

MODEL GTA-50KW	NSN 5430-01-485-8339
MODEL RCF-50-K-W-OB	NSN 5430-01-486-8207
MODEL MPC-W-50K-22636	NSN 5430-01-486-8208



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

HEADQUARTERS, DEPARTMENT OF THE ARMY

JANUARY 2002

HEADQUARTERS,  
DEPARTMENT OF THE ARMY  
WASHINGTON, D.C., 15 January 2002

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Current as of 01 March 2002

#### REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

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## HOW TO USE THIS MANUAL

Section I. OVERVIEW – This manual is divided into six chapters consisting of 41 work packages that provide all the information necessary to operate and maintain the collapsible fabric water tank assemblies.

Section II. INDEXING – This manual contains several types of indexes to help the user locate information quickly and efficiently. The different indexes are as follows:

- a. Table of Contents. Lists all chapters and work packages contained in the manual, along with the work package numbers where they begin.
- b. Alphabetical Index. Located at the back of the manual, this index lists entries that personnel are most likely to look for. Most listings are provided several times in the index (i.e., “Maintenance Forms, Records and Reports” can also be found as “Forms, Records and Reports, Maintenance,” and “Records and Reports, Maintenance Forms,”). This increases the likelihood of finding the information immediately. Each entry also lists the work package where the information can be found.

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**OPERATOR AND UNIT MAINTENANCE MANUAL  
(INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST)  
TANK, FABRIC, COLLAPSIBLE, WATER STORAGE,  
20,000 AND 50,000 GALLONS  
GENERAL INFORMATION**

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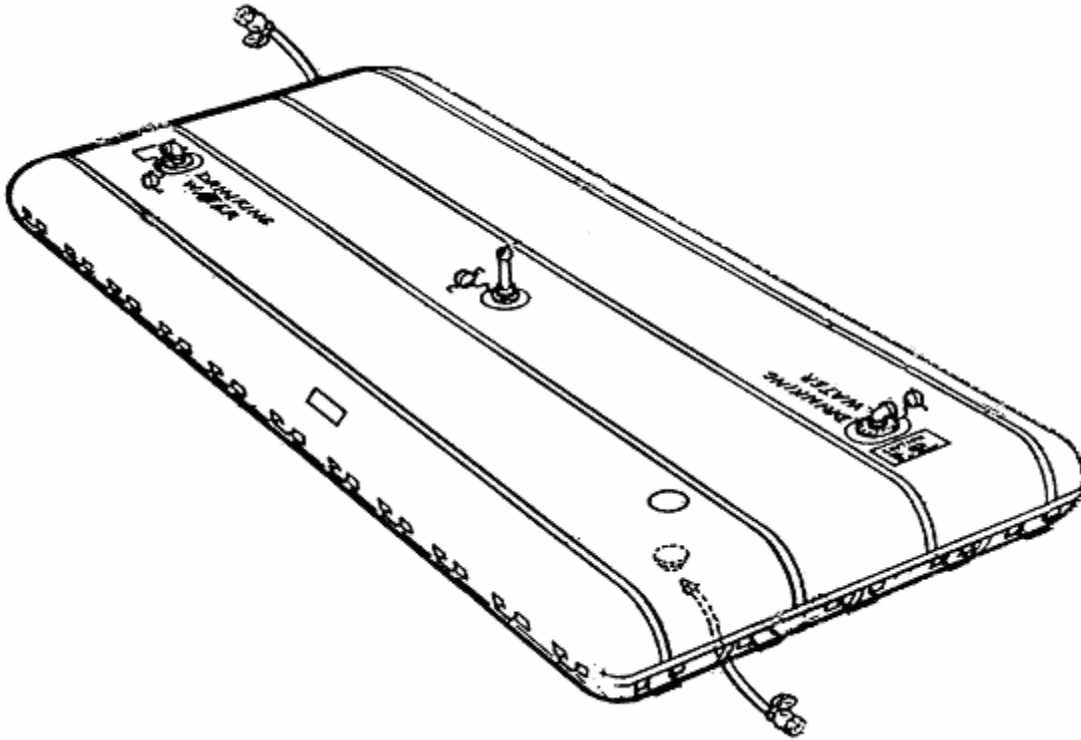
## SCOPE

This technical manual contains instructions for operations, checks and corrective maintenance for the 20,000 and 50,000 Gallon Water Storage Collapsible Fabric Tanks.

Type of Manual: Operator and Unit Maintenance.

Model Number and Equipment Names: GTA-20KW, RCF-20-K-W-OB and MPC-W-20K-22276, 20,000 Gallon Water Storage Collapsible Fabric Tanks, plus GTA-50KW, RCF-50-K-W-OB and MPC-W-50K-22636, 50,000 Gallon Water Storage Collapsible Fabric Tanks.

Purpose of Equipment: The 20,000 and 50,000 gallon collapsible fabric tanks are utilized as part of a water distribution system to store and distribute potable drinking water throughout the system.



**NOTE:** Model GTA-50KW shown, others similar.

## MAINTENANCE FORMS, RECORDS AND REPORTS

Department of the Army forms and procedures used for equipment maintenance will be those prescribed by (as applicable) DA Form 2404, Equipment Inspection and Maintenance Worksheet, DA Form 2407, Maintenance Request, DA Form 2407-1, Maintenance Request Continuation Sheet, DA PAM 738-750, Functional Users Manual for the Army Maintenance Management System (TAMMS); DA PAM 738-751, Functional Users Manual for The Army Maintenance Management System Aviation (TAMMS-A); or AR 700-138, Army Logistics Readiness and Sustainability.

**REPORTING EQUIPMENT IMPROVEMENT RECOMMENDATIONS (EIRs)**

If any collapsible fabric water tank assembly 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 (Product Quality Deficiency Report). Mail it to the address specified in DA PAM 738-750, Functional Users Manual for the Army Maintenance Management System (TAMMS), or as specified by the acquiring activity. We will send you a reply.

**CORROSION PREVENTION AND CONTROL (CPC)**

Corrosion Prevention and Control (CPC) of Army materiel is a continuing concern. It is important that any corrosion problems with this item be reported so that the problem can be corrected and improvements can be made to prevent the problem in future items.

While corrosion is typically associated with rusting of metals, it can also include deterioration of other materials, such as rubber and plastic. Unusual cracking, softening, swelling, or breaking of the materials may be a corrosion problem.

If a corrosion problem is identified, it can be reported using Standard Form 368, Product Quality Deficiency Report. Use of key words such as "rust," "deterioration," "corrosion," or "cracking" will make sure that the information is identified as a CPC problem. The form should be submitted to the address specified in DA PAM 738-750.

**DESTRUCTION OF ARMY MATERIEL TO PREVENT ENEMY USE**

Command decisions, according to tactical situations, will determine when destruction of the collapsible fabric water tank assembly will be accomplished. A destruction plan will be prepared by the using organization, unless higher authority has prepared one. For general destruction procedures for this equipment, refer to TM 750-244-3, Procedures for Destruction of Equipment to Prevent Enemy Use.

**PREPARATION FOR STORAGE OR SHIPMENT**

Refer to WP 0031 00.

**QUALITY ASSURANCE/QUALITY CONTROL (QA/QC)**

Workmanship shall be of the highest quality and shall permit no defects and must be repaired in accordance with the instructions in this manual. All metal parts shall be clean and free of sand, dirt, etc. The inside and outside of the tank shall be clean and free of foreign material.

**END OF WORK PACKAGE**