TANK, FABRIC, COLLAPSIBLE, FUEL STORAGE

3,000 GALLON, MODEL GTA-3KF/RCF-3-K-F-OB/
   MPC-F-03K-13114
   (NSN 5430-01-485-8340/NSN 5430-01-486-8209/
    NSN 5430-01-487-0635)

10,000 GALLON, MODEL GTA-10KF/RCF-10-K-F-OB/
   MPC-F-10K-22175
   (NSN 5430-01-486-0221/NSN 5430-01-485-8336/
    NSN 5430-01-487-0632)

20,000 GALLON, MODEL GTA-20KF/RCF-20-K-F-OB/
   MPC-F-20K-22276
   (NSN 5430-01-485-8338/NSN 5430-01-486-1034/
    NSN 5430-01-487-0634)

50,000 GALLON, MODEL GTA-50KF/RCF-50-K-F-OB/
   MPC-F-50K-22636
   (NSN 5430-01-485-8337/NSN 5430-01-485-8342/
    NSN 5430-01-487-0638)
TECHNICAL MANUAL
OPERATOR AND UNIT MAINTENANCE MANUAL
(INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST)

TANK, FABRIC, COLLAPSIBLE, FUEL STORAGE

3,000 GALLON, MODEL GTA-3KF/RCF-3-K-F-OB/MPC-F-03K-13114
(NSN 5430-01-485-8340/NSN 5430-01-486-8209/NSN 5430-01-487-0635)

10,000 GALLON, MODEL GTA-10KF/RCF-10-K-F-OB/MPC-F-10K-22175
(NSN 5430-01-486-0221/NSN 5430-01-485-8336/NSN 5430-01-487-0632)

20,000 GALLON, MODEL GTA-20KF/RCF-20-K-F-OB/MPC-F-20K-22276
(NSN 5430-01-485-8338/NSN 5430-01-486-1034/NSN 5430-01-487-0634)

50,000 GALLON, MODEL GTA-50KF/RCF-50-K-F-OB/MPC-F-50K-22636
(NSN 5430-01-485-8337/NSN 5430-01-485-8342/NSN 5430-01-487-0638)

Current as of 31 March 2002

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this publication. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Submit your DA Form 2028 (Recommended Changes to Publications and Blank Forms), through the Internet, on the Army Electronic Product Support (AEPS) website. The Internet address is http://aeps.ria.army.mil. If you need a password, scroll down and click on “ACCESS REQUEST FORM”. The DA Form 2028 is located in the ONLINE FORMS PROCESSING section of the AEPS. Fill out the form and click on SUBMIT. Using this form on the AEPS will enable us to respond quicker to your comments and better manage the DA Form 2028 program. You may also mail, fax or email your letter, or DA Form 2028 direct to: Technical Publication Information Office, TACOM-RI, 1 Rock Island Arsenal, Rock Island, IL 61299-7630. The email address is TACOM-TECH-PUBS@ria.army.mil. The fax number is DSN 793-0726 or Commercial (309) 782-0726.

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GLOSSARY

INDEX
HOW TO USE THIS MANUAL

Section I. OVERVIEW - This manual is divided into six chapters consisting of 44 work packages that provide all the information necessary to operate and maintain the collapsible fabric fuel 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 (e.g., “Maintenance Forms, Records and Reports” can also be found as “Forms, Records and Reports, Maintenance,” and “Records and Reports, Maintenance Forms and”). This increases the likelihood of finding the information on first entry. Each entry also lists the work package where the information can be found.
SCOPE

This technical manual contains instructions for operations, checks, and corrective maintenance for 3,000 Gallon (11,360 liter), 10,000 Gallon (37,850 liter), 20,000 Gallon (75,710 liter), and 50,000 Gallon (189,300 liter) Fuel Storage Collapsible Fabric Tanks.

Type of Manual: Operator and Unit Maintenance.


Purpose of Equipment: The tanks are containers designed to store a variety of petroleum liquids. The tanks will be used to store fuel as part of a bulk fuel terminal. Fuel will be available for use in a quick response deployment operation. The tanks are made of tough polymer-coated nylon fabric, and care must be taken not to puncture or tear the material.
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 Systems Aviation (TAMMS-A) or AR 700-138, Army Logistics Readiness and Sustainability.

CORROSION PREVENTION AND CONTROL (CPC)

Corrosion prevention and control 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. Any 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 ensure 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 fuel 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.

REPORTING EQUIPMENT IMPROVEMENT RECOMMENDATIONS (EIRs)

If the collapsible fabric fuel tank assemblies need 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.

PREPARATION PROCEDURES FOR STORAGE OR SHIPMENT

Army users refer to [work package 0034 00]

QUALITY ASSURANCE/QUALITY CONTROL (QA/QC)

Workmanship shall be of the highest quality and shall permit no defects not 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