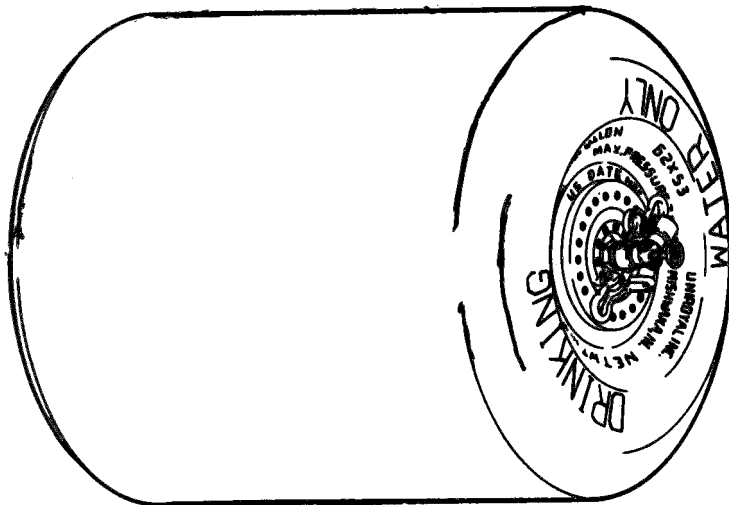


This copy is a reprint which includes current pages from changes 1 through 3.

TM 10-8110-202-13 & P

TECHNICAL MANUAL

OPERATOR'S, ORGANIZATIONAL,
AND DIRECT SUPPORT
MAINTENANCE MANUAL
AND REPAIR PARTS AND
SPECIAL TOOLS LIST



DRUM, FABRIC, COLLAPSIBLE,
DRINKING WATER,
500 GALLON CAPACITY
MODEL RD-610
(NSN 8110-01-122-0015)

Approved for public release.
Distribution is unlimited.

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HEADQUARTERS, DEPARTMENT OF THE ARMY
15 DECEMBER 1987

**Operator, Organizational, and
Direct Support Maintenance Manual
(and Repair Parts and Special Tools List
DRUM, FABRIC, COLLAPSIBLE: DRINKING WATER
500 GALLON CAPACITY, MODEL GTaiWD500-S/01 (NSN 8110-01-409-0789)
MODELS RD-610 AND M43699-02
(NSN 8110-01-122-0015)
KIT, TIEDOWN (NSN 8110-00-856-6245)
REPAIR KIT, EMERGENCY, TYPE I (NSN 5430-01-114-5392)
REPAIR KIT, EMERGENCY, TYPE II (NSN 5430-01-114-6668)
TOWING AND LIFTING YOKE (NSN 8110-00-856-6243)**

Current as of 30 November 1995

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 these procedures, please let us know. Mail your letter or OA Form 2028 (Recommended Changes to Publications and Blank Forms), or OA Form 2028-2 located in the back of this manual directly to: Commander. US Army Aviation and Troop Command. ATTN: AMSAT-I-MP, 4300 Goodfellow Blvd. St. Louis. MO 63120-1798. You may also submit your recommended changes by E-mail directly to <mpmte/oavma28@st-louisemh7.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.

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

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**CHAPTER 1
INTRODUCTION**

SECTION I: GENERAL INFORMATION

1-1. SCOPE

Type of manual: Operator's, Organizational, and Direct Support Maintenance Manual and Repair Parts and Special Tools List

Model Number and Equipment Name: MODEL RD-610 Drum, Fabric, Collapsible: Drinking Water, 500 Gallon Capacity, manufactured by Uniroyal Plastics Company, Inc., Mishawaka, Indiana 46544; and MODEL M43699-02 Drum, Fabric, Collapsible: Drinking Water, 500 Gallon Capacity, manufactured by American Fuel Cell and Coated Fabrics Company, Magnolia, Arkansas 71753; and MODEL GTAIWD500OOS/01 Drum, Fabric, Collapsible: Drinking Water, 500 Gallon Capacity, manufactured by GTA Containers, Inc., South Bend, Indiana 46601.

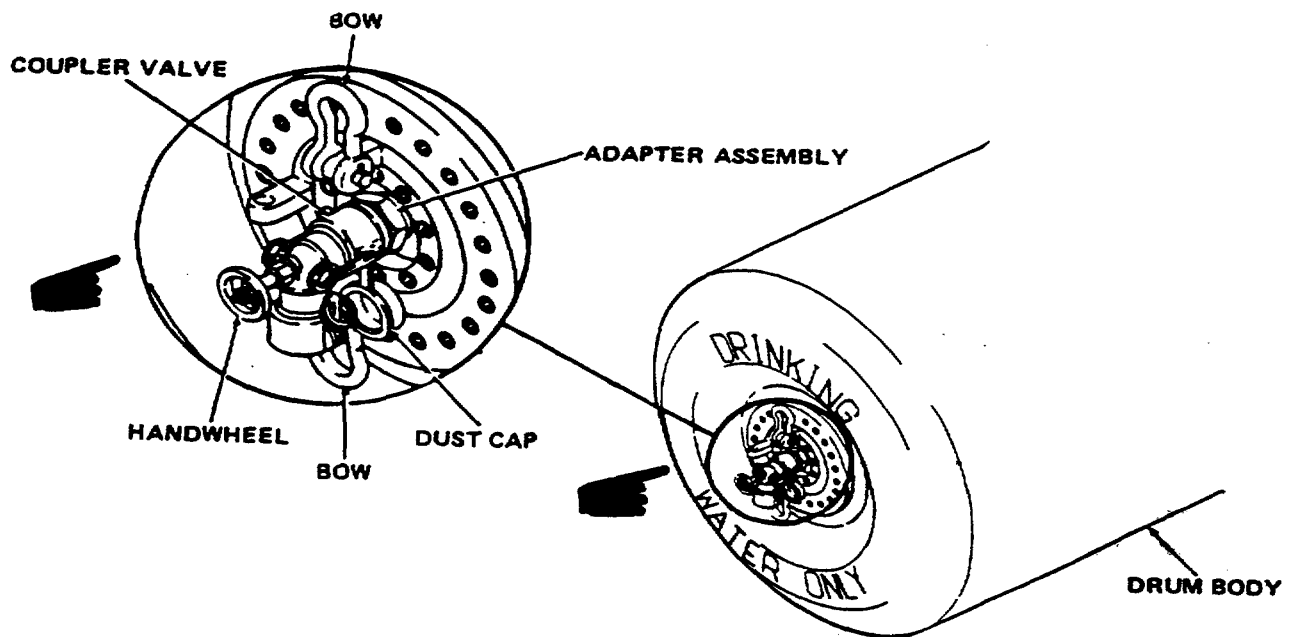
Purpose of the Equipment: Transports, stores, and dispenses drinking water. Empty drum collapses to 15% of filled size for easy storage and transportation.

1-2. MAINTENANCE FORMS AND RECORDS

Department of the Army forms and procedures used for equipment will be those prescribed by DA Pam 738-750, The Army Maintenance Management System (TAMMS).

1-3. REPORTING EQUIPMENT IMPROVEMENT RECOMMENDATIONS (EIR'S)

If your drum 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, Headquarters, U.S. Army Aviation and Troop Command, Ar7N: AMSAT-I-MDO, 4300 Goodfellow Blvd., St. Louis, MO 63120-1798. We will send you a reply.



MODELS RD-610, M4369902,
AND GTA/WD500-S/01 FABRIC DRUM

1-4. DESTRUCTION OF ARMY MATERIEL TO PREVENT ENEMY USE

Refer to TM 750-244-3, Procedures for Destruction of Equipment to Prevent Enemy Use.

1-5. PREPARATION FOR STORAGE OR SHIPMENT

Instructions for preparation for storage and shipment are in paragraph 4-14.

1-6. NOMENCLATURE CROSS-REFERENCE LIST

For precise identification, simplified nomenclature has been established for clarity and is shown in the nomenclature cross-reference list.

NOMENCLATURE CROSS-REFERENCE LIST

This listing includes nomenclature cross-references used in this manual.

<u>Common Name</u>	<u>Official Nomenclature</u>
Coupler valve	Valve Assembly, 2X2
Adapter	Adapter Assembly
Drum	Drum, Fabric, Collapsible: Drinking Water, 500 Gallon Capacity

Section II. EQUIPMENT DESCRIPTION AND DATA

1-7. PURPOSE OF DRUM

Stores, transports, and dispenses drinking water. Ends of the drum have adapters for attaching coupler valves, which may be used to fill or dispense drinking water. A chiller may be connected for cooling the water.

1-8. CHARACTERISTICS, CAPABILITIES, AND FEATURES

- Stores drinking water either indoors or outdoors.
- Transports drinking water by towing or trucking.
- Dispenses water either directly or through chiller.
- Light weight.
- Collapsible.
- Suspension capability from either end.
- Drop capability.