

TECHNICAL MANUAL

OPERATOR, ORGANIZATIONAL, AND DIRECT SUPPORT

MAINTENANCE MANUAL

TANK, 5,000 GALLON FABRIC,
COLLAPSIBLE, POTABLE WATER, SEMI-TRAILER MOUNTED

NSN: 5430-01-120-7823

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Operator, Organizational, and Direct Support
Maintenance Manual

TANK, 5,000 (4,600) GALLON, FABRIC,
COLLAPSIBLE, POTABLE WATER, SEMI-TRAILER MOUNTED
NSN: 5430-01-120-7823
Model No. 5,000 gallon
NSN: 5430-01-372-6900
Model No. 91094
EIC: ZFY

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 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 Aviation and Troop Command, ATTN: AMSAT-I-MP, 4300 Good fellow Blvd., St. Louis, MO 63120-1798. You may also submit your recommended changes by E-mail directly to <mpmt%avma28@st-louis-emh7.army.mil>. A reply will be furnished directly to you. Instructions for sending an electronic 2028 may be found at the back of this manual immediately preceding the hard copy 2028.

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CHAPTER 1**INTRODUCTION****Section I. General****1-1. Scope**

The scope of this manual covers the information and instructions necessary for the operation and maintenance of the 4,570 (4,600) gallon capacity tank.

1-2. Maintenance Forms and Records

Maintenance forms and records that you are required to use are explained in DA Pam 738-750.

1-3. Destruction of Army Material to Prevent Enemy Use

The tanks may be destroyed by mechanical means, such as cutting the tank from end to end with a sharp instrument.

1-4. Administrative Storage

Administrative storage procedures are described in TM-740-90-1.

Section II. Description and Data**1-5. Description**

The tank is used for the storage and transport of potable water (drinking water). The assembled unit shall consist of the collapsible tank with end fittings, tie-down straps, emergency repair items, hose and tools to secure the tank safely on the M872 semi-trailer. (See Figs. 1-1 or 1-1A and C-1 or C-1A.)

a. Collapsible Tank

The tank is constructed of a chlorobutyl liner, a rubber coated multi-ply carcass and an exterior weather and abrasion resistant tread stock. When laid flat the tank is 39' long x 7'4" wide x 4" high. When filled it assumes a pillow-like shape approximately 38' long x 5'2" wide x 4'6" high.

Access to the tank interior is provided through the use of end clamps which may be removed by qualified personnel. Handles are provided to facilitate positioning of the tank while empty. When not in use, the tank may be folded or rolled and stored in the sling and shipping container.

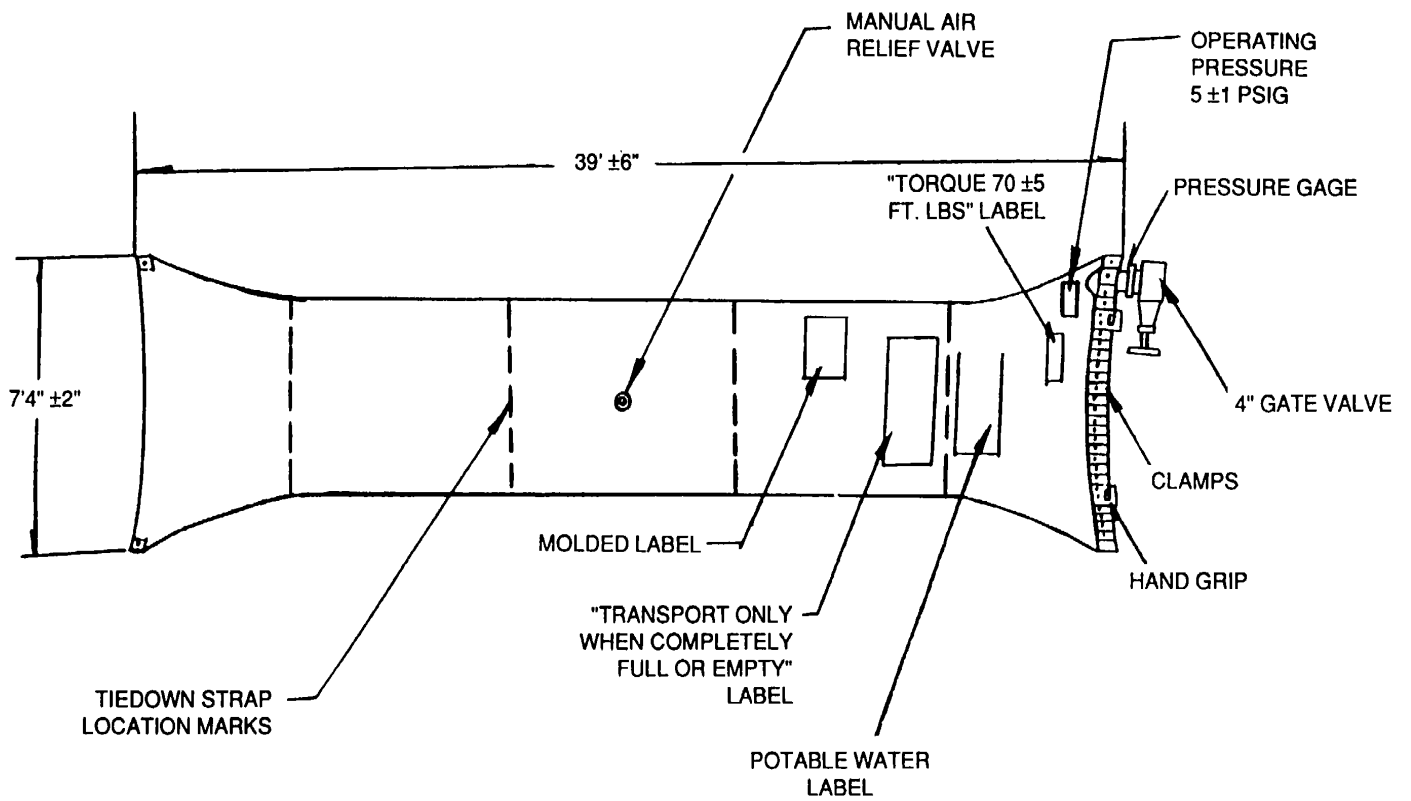


Figure 1-1. 5000 GALLON POTABLE WATER TANK (MODEL 5,000 gallon)
SEMI-TRAILER MOUNTED

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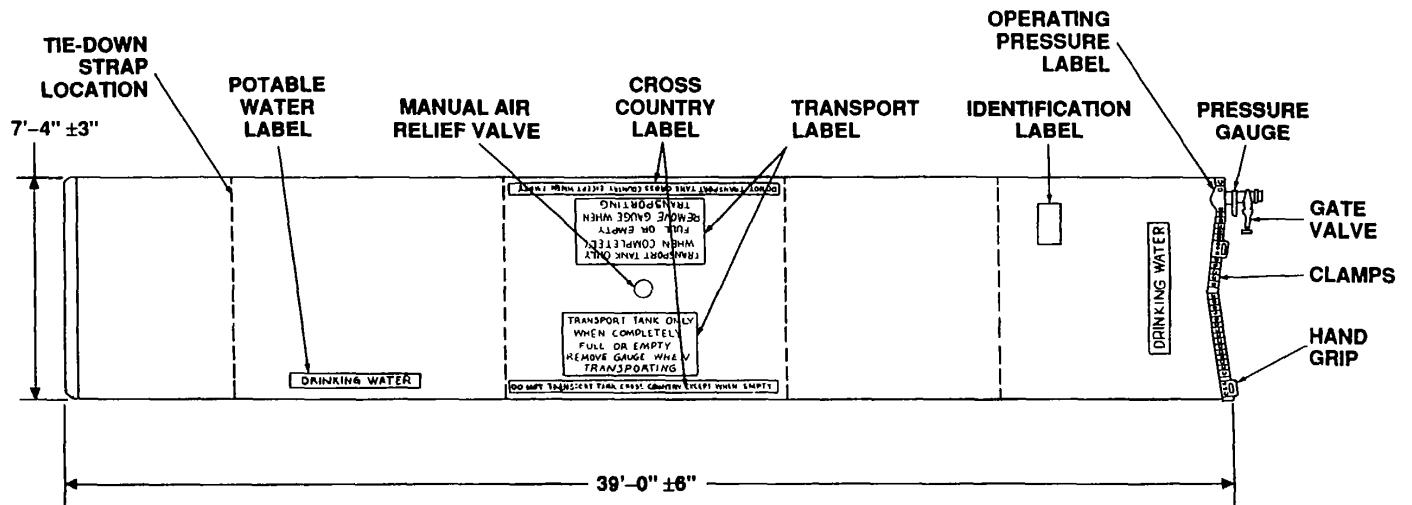


Figure 1-1A. 4600 GALLON POTABLE WATER TANK (MODEL 91094)
SEMI-TRAILER MOUNTED

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