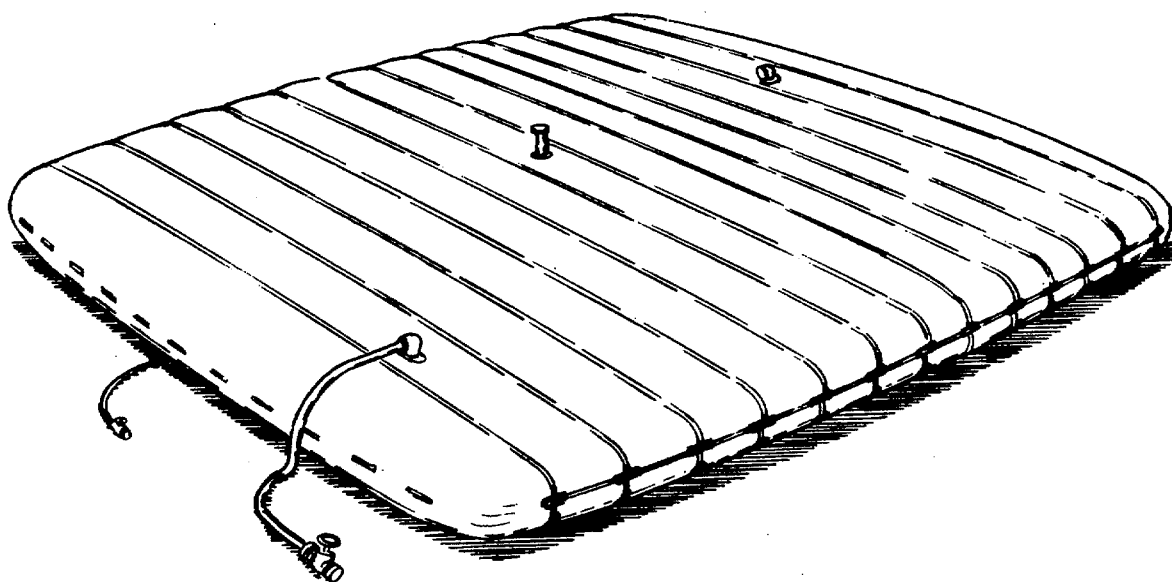


**OPERATOR AND ORGANIZATION
MAINTENANCE INSTRUCTION
REPAIR PARTS AND SPECIAL TOOLS LIST
FOR
TANK, FABRIC, COLLAPSIBLE 5,000 BARREL PETROLEUM
NSN 5430-01-160-3528**



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from Change 1.

HEADQUARTERS, DEPARTMENT OF THE ARMY

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REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistake or if you know of away 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 direct to: Commander, U.S. Army Aviation and Troop Command, ATTN: AMSAT-I-MP, 4300 Goodfellow Boulevard, St. Louis, MO 63120-1798. A reply will be furnished directly to you.

CHAPTER 1. INTRODUCTION

Section I. GENERAL INFORMATION

- 1-1. PURPOSE AND FUNCTION. The 5,000 barrel tank is a collapsible fabric container designed to store petroleum-based fuels. The collapsible tank is intended for use as a fuel storage container when large capacity quick storage facilities are needed, and where permanent fuel storage facilities are not available. It will store fuel that is off loaded from shipping tankers and then dispense the fuel to support operations. The tank is primarily used in quick-response deployment operations.
- 1-2. CAPABILITIES. The tank has a capacity of 5,000 barrels or 210,000 gallons (794.94 kiloliters). The tank is compatible with all standard military fuel storage and handling equipment. The tank can be quickly deployed on flat ground with a minimum of surface preparation.
- 1-3. PERFORMANCE CHARACTERISTICS. The tank is composed of a single ply nylon cloth coated on both sides with an elastomer. Five fittings are bonded into the tank for attaching one vent assembly, two filler/discharge assemblies, and two drain assemblies. The tank and components are suitable for operational use at ambient temperatures from plus 125°F (51.7°C) to minus 25°F (-31.7°C). The tank materials are designed to resist exposure effects from extreme temperatures, rain, snow, ice, fungi growth and high humidity conditions. Access to the inside of the tank can be made through either filler/discharge fitting. The tank is self-supporting and does not require earth-embankment support.

1-4. DIMENSIONS, WEIGHT, VOLUME.

- a. The following dimensions are for the tank when empty and folded, prior to deployment.

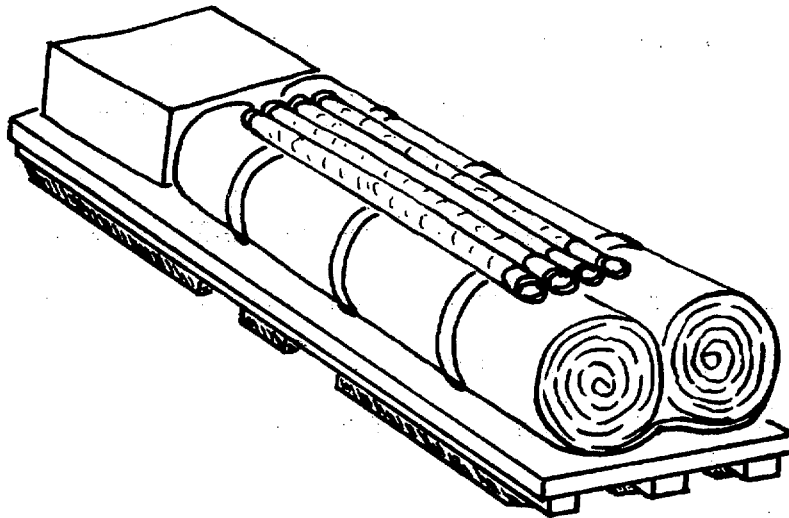


Figure 1-1. Tank Empty and Folded

Height:	4 ft	(1.22 m)
Width:	6 ft	(1.83 m)
Length:	16 ft	(4.88 m)
Weight:	3,000 lb	(1,361 kg)

1-4. DIMENSIONS, WEIGHT, VOLUME (continued).

b. The following dimensions are for the tank when deployed.

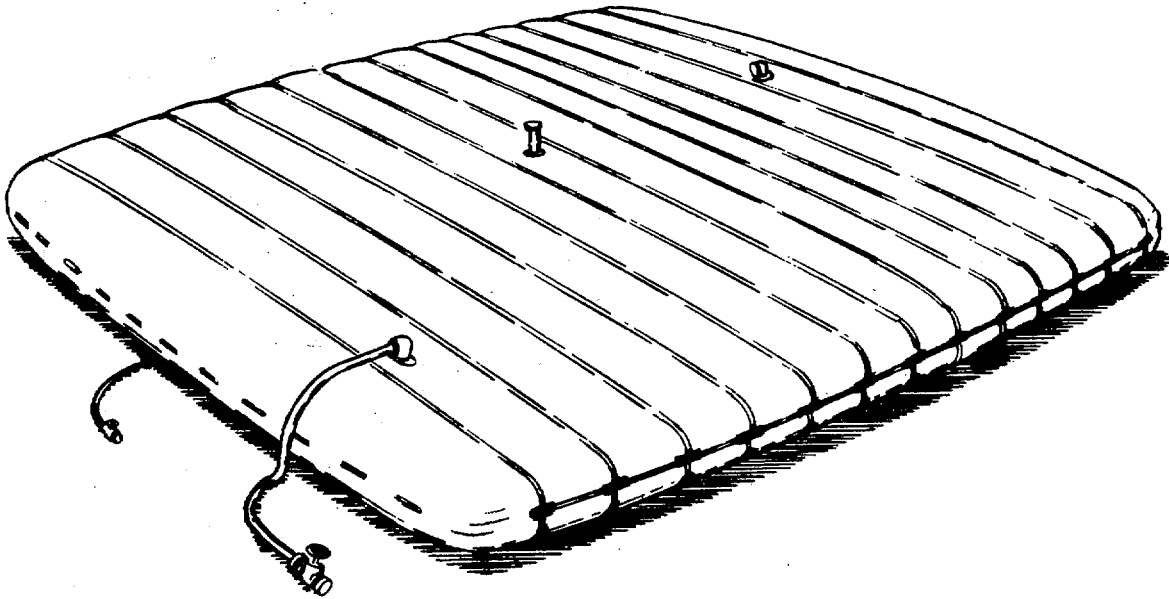


Figure 1-2. Tank Filled

Capacity (Fuel):	5,000 barrels or 210,000 gal. (794.93 kl)
Height at Capacity (Fuel):	6 ft, 8 in. (2.03 m)
Length:	68 ft (20.72 m)
Width:	68 ft (20.72 m)