TECHNICAL MANUAL

OPERATOR'S AND UNIT MAINTENANCE MANUAL

IMPROVED FLOAT BRIDGE (RIBBON BRIDGE) CONSISTING OF:

TRANSPORTER

CONDEC MODEL 2280	NSN 5420-00-071-5321
CONDEC MODEL 2305	NSN 5420-01-173-2020
PACAR MODEL 9999	NSN 5420-01-175-6523
SOUTHWEST MODEL RBT	NSN 5420-01-175-6524

INTERIOR BAY

CONDEC MODEL 2282	NSN 5420-00-071-5322
CONDEC MODEL 2307	NSN 5420-01-173-2022
SPACE MODEL 66981	NSN 5420-01-175-6526

RAMP BAY

CONDEC MODEL 2281	NSN 5420-00-497-5276
CONDEC MODEL 2306	NSN 5420-01-174-8084
SPACE MODEL 6698R	NSN 5420-01-175-6525

* This manual supersedes TM 5-5420-209-12, dated 15 January 1992, in its entirety,

HEADQUARTERS, DEPARTMENT OF THE ARMY

15 SEPTEMBER 1993

TECHNICAL MANUAL

NO. 5-5420-209-12

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON D. C., 15 September 1993

Operator's and Unit Maintenance Manual for IMPROVED FLOAT BRIDGE (RIBBON BRIDGE) CONSISTING OF:

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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 the 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, U.S. Army Aviation and Troop Command, ATTN: AMSAT-I-MP, 4300 Goodfellow Blvd., St. Louis, MO 63120-1798. A reply will be furnished directly to you.

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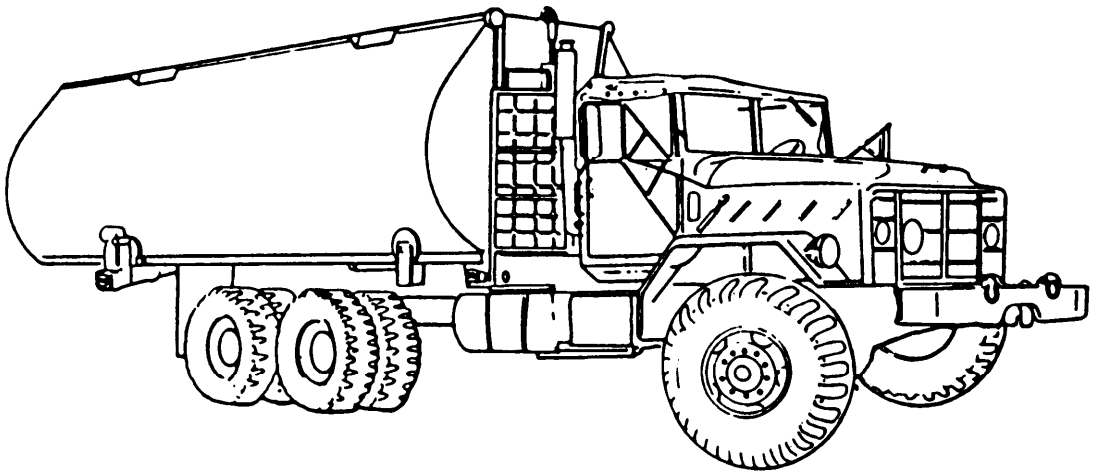
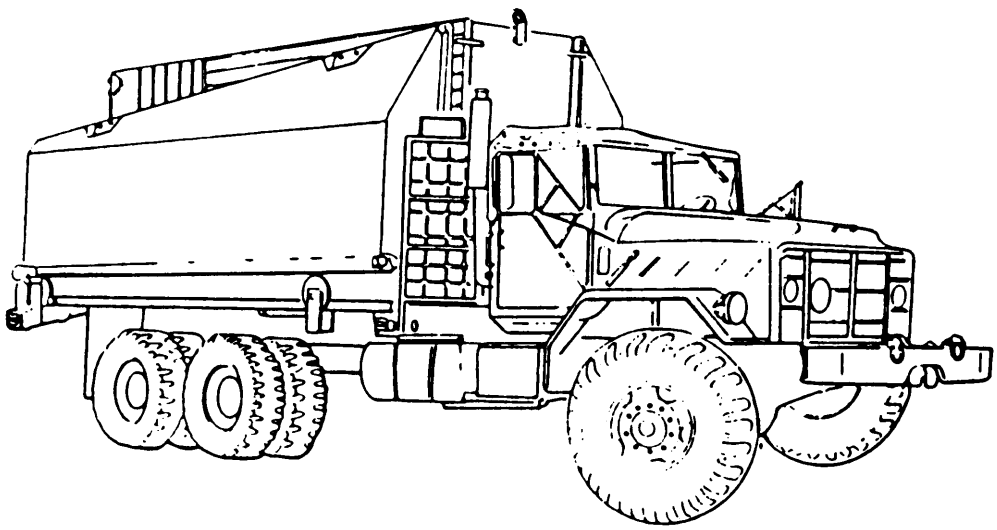


INTERIOR BAY ON TRANSPORTER



RAMP BAY ON TRANSPORTER

Figure 1-1. Improved Float Bridge (Ribbon Bridge).

CHAPTER 1

INTRODUCTION

OVERVIEW

This chapter contains an introduction and general information pertaining to the Improved Float Bridge (Ribbon Bridge) and its components (figure 1-1).

Section I. GENERAL

1-1. **SCOPE.** Thechnical manual contains instructions for operating and maintaining the Improved Float Bridge (Ribbon Bridge), consisting of transporter, less chassis; Interior Bay, and Ramp Bay. Instructions provided cover operation, Iubrication, preventive maintenance checks and services, troubleshooting, and maintenance procedures as allocated by the Maintenance Allocation Chart. Descriptions of main components and their relationship to the end item are also included.

Instructions and information pertaining to the basic M812 truck components, used as part of the Ribbon Bridge Transporter, are contained in TM 9-2320-260-10 and TM 9-2320-260-20; and for the M945 truck components, TM 9-2320-272-10 and TM 9-2320-272-20. These manuals should be utilized when performing lubrication, preventive maintenance, and the maintenance on the truck components.

1-2. **Maintenance Forms and Records.**

a. DA Form 2402 (Exchange Tag).

b. DA Form 2404 (Equipment Maintenance and lnspection Worksheet).

c. DA Form 5504 (Maintenance Request Used for Requesting Support Maintenance).

d. For additional forms and records pertaining to your particular equipment refer to DA PAM 738-750 (The Army Maintenance Management Systems (TAMMS)).