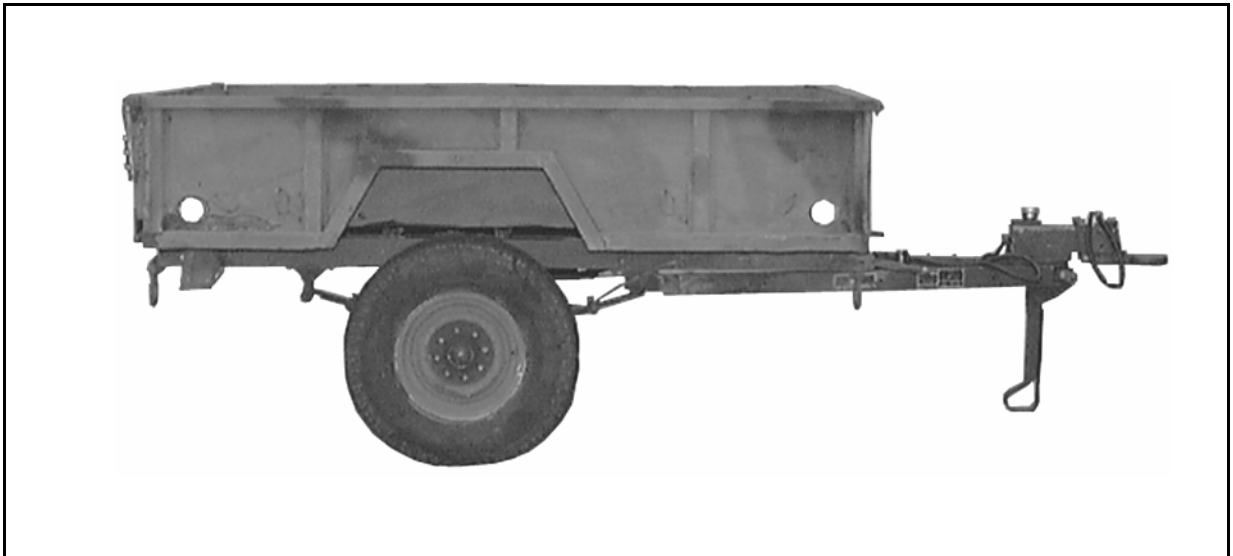


**FM 4-20.113 (FM 10-513)
AIR FORCE TO 13C7-3-51**

AIRDROP OF SUPPLIES AND EQUIPMENT: RIGGING 3/4-Ton Cargo Trailers



JULY 2003

DISTRIBUTION RESTRICTION: Approved for public release; distribution is unlimited.

**HEADQUARTERS
DEPARTMENT OF THE ARMY
DEPARTMENT OF THE AIR FORCE**

Field Manual
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HEADQUARTERS
DEPARTMENTS OF THE ARMY
AND THE AIR FORCE
Washington, DC, 8 July 2003

Airdrop of Supplies and Equipment Rigging 3/4-Ton Cargo trailers

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Preface

This manual tells and shows how to prepare and rig the M101, M101A1 and M101A2 trailers for low velocity airdrop from a C-130, C-141, C-17 and C-5 aircraft.

User Information

The proponent of this publication is HQ TRADOC. You are encouraged to report any errors or omissions and to suggest ways of making this a better manual. Army personnel, send your comments on DA Form 2028 directly to:

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Introduction

This manual shows the equipment and gives the steps to rig the M101, M101A1 and M101A2 3/4-ton, two-wheeled trailers. The trailers are rigged for low-velocity airdrop from the C-130, C141, C-17 and C-5 aircraft on a type V platform.

CAUTION

Only ammunition listed in FM 10-500-53/MCRP
4-3.81/TO 13C7-18-41 may be airdropped.

RIGGING THE M101, M101A1 OR M101A2, 3/4-TON CARGO TRAILER WITH ACCOMPANYING LOADS

DESCRIPTION OF LOAD

1. The M101, M101A1 or M101A2, 3/4-ton cargo trailer (Figure 1) with accompanying loads is rigged on a 12-foot type V platform for low velocity airdrop. The load shown is rigged with accompanying loads consisting of 22 boxes of 105-millimeter ammunition and weighing 2,440 pounds. The 3/4-ton cargo trailer is rigged with one or two G-11B cargo parachutes depending on the rigged weight. The 3/4-ton cargo trailer may also be rigged with an accompanying load weighing a maximum of 1,500 pounds is stowed in the trailer. Additional accompanying loads may be stowed on the platform as long as the maximum rigged weight does not exceed 8,000 pounds. The unrigged trailer weighs 1,340 pounds. It is 147 inches long and 71 inches wide. The height of the trailer is 82 inches, reducible to 51 inches.

PREPARING PLATFORM

2. Prepare a 12-foot type V platform according to TM 10-1670-268-20&P/TO 13C7-52-22 and as shown in Figure 2.



Figure 1. M101A2, 3/4- Ton Cargo Trailer

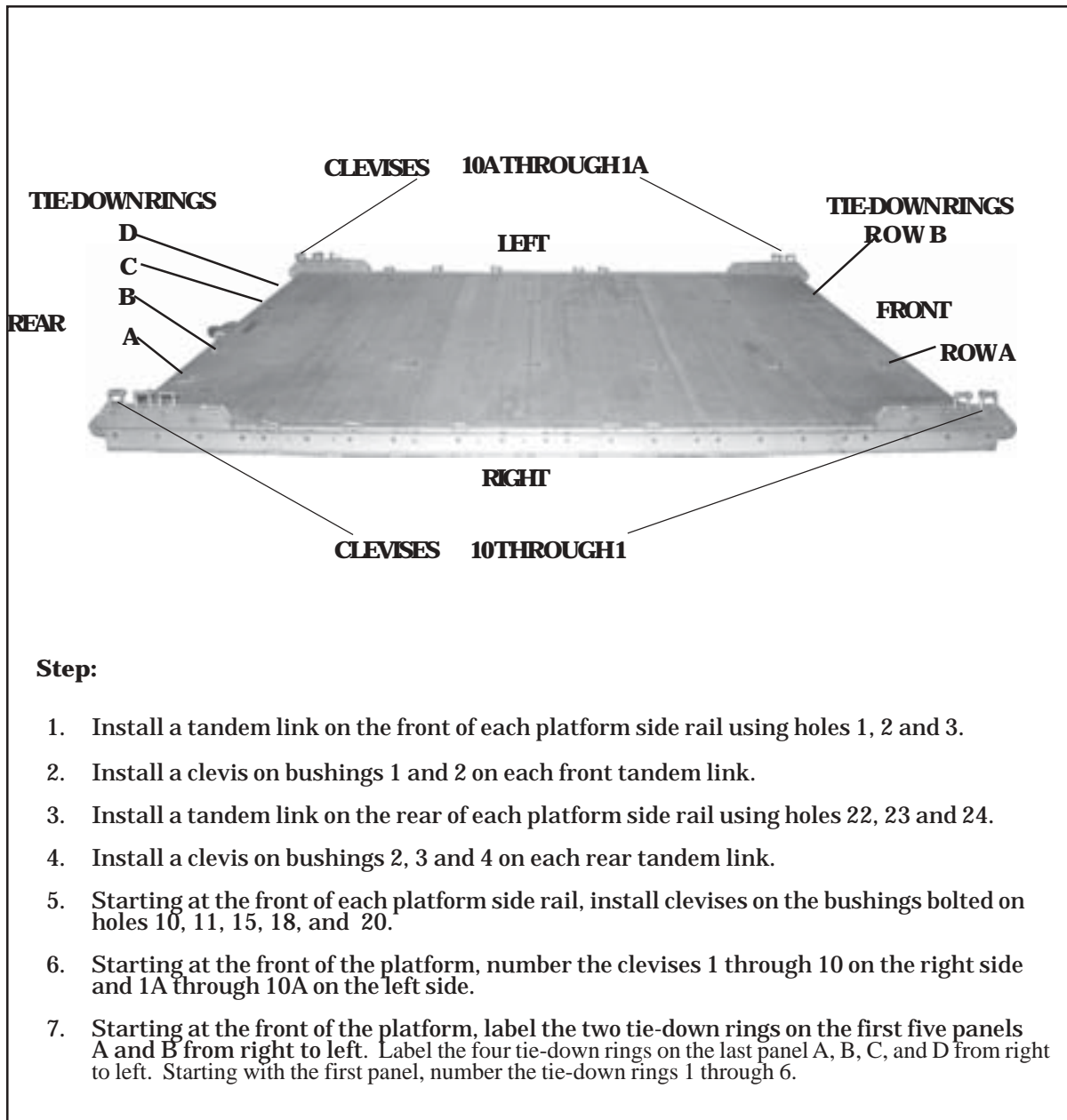


Figure 2. Platform Prepared