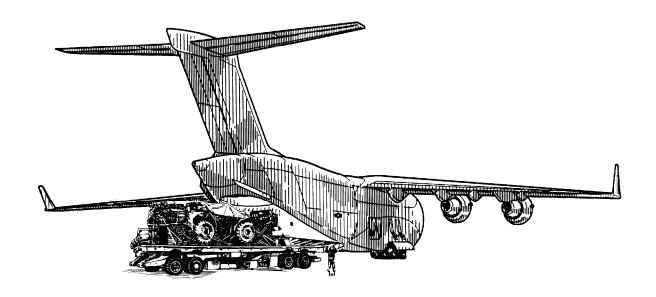
Airdrop of Supplies and Equipment: Rigging 2- and 4-Litter Ambulances



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Airdrop of Supplies and Equipment: Rigging 2- and 4-Litter Ambulances

Contents

	Page
PREFACE	iii
INTRODUCTION	iv
Description of Item	iv
Special Considerations	iv
RIGGING THE M996 AMBULANCE ON A 20-FOOT, TYPE V AIRDROP	
·	
, •	
Building and Positioning Honeycomb Stacks	1-3
Installing Optional Drive-Off Aids on Platform	1-6
Preparing Ambulance	1-7
Lifting and Positioning Ambulance	1-18
Lashing Ambulance	1-20
Installing Suspension System	1-22
Stowing Cargo Parachutes	1-28
Installing Extraction System	1-30
Installing Parachute Release	1-31
Installing Provisions for Emergency Restraints	1-31
Placing Extraction Parachute	1-32
Marking Rigged Load	1-32
Equipment Required	1-32
RIGGING THE M997 AMBULANCE ON A 20-FOOT, TYPE V AIRDROP	
PLATFORM FOR LOW-VELOCITY AIRDROP	2-1
Description of Load	2-1
Preparing Platform	2-1
	PLATFORM FOR LOW-VELOCITY AIRDROP Description of Load

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Building and Positioning Honeycomb Stacks	2-3
Installing Optional Drive-Off Aids on Platform	2-3
Preparing Ambulance	2-3
Lifting and Positioning Ambulance	2-18
Lashing Ambulance	2-19
Installing Suspension System	2-22
Stowing Cargo Parachutes	2-25
Installing Extraction System	2-26
Installing Parachute Release	2-26
Installing Provisions for Emergency Restraints	2-26
Placing Extraction Parachute	2-26
Marking Rigged Load	2-28
Equipment Required	2-28
GLOSSARY	Glossary-1
REFERENCES	References-1

Preface

SCOPE

This manual tells and shows how to rig the M996 2-litter armored ambulance (HMMWV) and the M997 4-litter ambulance. The M996 ambulance can be low-velocity airdropped from C-17 and C-130 aircraft. The M997 ambulance is restricted to the C-17 aircraft only.

USER INFORMATION

The proponent of this publication is United States Army Training and Doctrine Command (TRADOC). You are encouraged to report any errors or omissions and to suggest ways of making this a better manual. This publication applies to the Active Army, the Army National Guard (ARNG)/Army National Guard of the United States (ARNGUS), and the United States Army Reserve (USAR) unless otherwise stated.

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Introduction

DESCRIPTION OF ITEM

The M996, 2-litter, armored ambulance weighs 7,180 pounds with the fuel tank no more than ³/₄ full. The vehicle is 203 inches long, 87 inches high, and 86 inches wide. The body configuration makes other uses of this vehicle possible, such as specialized communication or command and control functions.

The M997 4-litter ambulance weighs 7,880 pounds with the fuel tank no more than ³/₄ full. The vehicle is 204 inches long, 99 inches high and 85 inches wide. The height restricts this load to the C-17 aircraft only.

SPECIAL CONSIDERATIONS

Special considerations for this manual are described below.

- The loads covered in this manual may include hazardous material as defined in AFMAN 24-204(I)/TM 38-250. If included, the hazardous materials must be packaged, marked, and labeled as required by AFMAN 24-204(I)/TM 38-250.
- Be sure that a vehicle rigged using these procedures is the same vehicle shown and described in this manual. Be sure the equipment rigged inside the vehicle is restrained and protected.
- A copy of this manual must be available to the joint airdrop inspectors during the before- and after-loading inspections.

Chapter 1

Rigging the M996 Ambulance on a 20-Foot, Type V Airdrop Platform for Low-Velocity Airdrop

DESCRIPTION OF LOAD

1-1. The M996 ambulance (shown in Figure 1-1) is rigged on a 20-foot, type V airdrop platform for low-velocity airdrop. The load requires two or three G-11 cargo parachutes, depending upon the accompanying load in the vehicle.

PREPARING PLATFORM

- 1-2. Prepare a 20-foot, type V platform as described below and as shown in Figure 1-2.
 - Inspecting Platform. Inspect, or assemble and inspect, the platform according to TM 10-1670-268-20&P/TO 13C7-52-22.
 - Installing Tandem Links. Install tandem links as shown in Figure 1-2.
 - **Installing Suspension Links**. Install the suspension links as described in Figure 1-2.
 - Attaching and Numbering Clevises. Attach and number 28 clevis assemblies as shown in Figure 1-2.

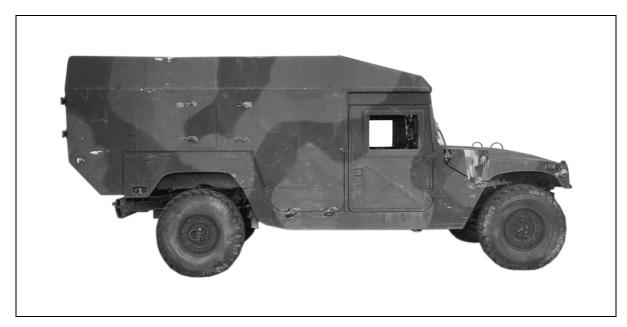
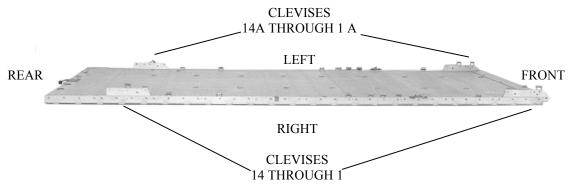


Figure 1-1. M996 2-Litter Armored Ambulance



2. Measurements given in this chapter are from the front edge of the platform, NOT from the front edge of the nose bumper.



Steps:

- 1. Install a tandem link on the front of each platform side rail using holes 1, 2, and 3.
- 2. Install a suspension link to each side rail using holes 33, 34, and 35.
- 3. Install clevises on bushings 1 and 3 on each tandem link.
- 4. Install a clevis on bushing 2 on each suspension link.
- 5. Starting at the front of each platform side rail, install clevises on each platform side rail using the bushings bolted on holes 6, 11 (tripled) 13, 14, 15, 17, 22, 27 (tripled), and 31.
- 6. Starting at the front of the platform, number the clevises bolted to the right side from 1 through 14 and those bolted to the left side from 1A through 14A.
- 7. Label the tie-down rings according to FM 4-20.102/MCRP 4-11.3J/NAVSEA SS400-AB-MMO-010/TO 13C7-1-5.

Figure 1-2. Platform Prepared