



AIRDROP OF SUPPLIES AND EQUIPMENT:

RIGGING HEAVY ANTITANK ASSAULT WEAPON SYSTEM (TOW)



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PREFACE

SCOPE

This manual tells and shows how to rig TOW weapon systems and missiles. The TOW can be low-velocity airdropped from C5, C-17, C-130, and C-141 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.

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Chapter 1

Introduction

DESCRIPTION OF ITEMS

- 1-1. The description of the items covered in this manual is given below:
- A TOW missile in its overpack weighs 87 pounds. Its length is 57 1/2 inches, its width is 12 inches, and its height is 12 inches. TOW missiles are rigged in overpacks in A-22 containers in three configurations, in the M416, 1/4-ton trailer, and on type V platforms.
 - The M416, 1/4-ton trailer with seven encased missiles weighs 1, 170 pounds. It is 109 inches long, 61 inches wide, and 44 inches high.
 - The M966 HMMWV-series truck with six TOW missiles, the launcher, traversing unit, and guidance system weighs 8, 810 pounds. It is 180 inches long, 85 inches wide, and is 69 inches high in reduced configuration.
 - The Improved TOW Aiming System (ITAS) can be substituted for the guidance system mentioned above in the M966 or M1121 truck. It weighs ____ pounds and consists of the traversing unit, battery power source, fire control subsystem, and target acquisition unit subsystem.

SPECIAL CONSIDERATIONS

- 1-2. Special considerations for this manual are described below.
- The loads covered in this manual may include hazardous materials as defined in AFJMAN 24-204/TM 38-250. If included, the hazardous materials must be packaged, marked, and labeled as required by AFJMAN 24-204/TM 38-250.
 - Be sure that a vehicle rigged using these procedures is the same vehicle shown and described in this manual. Be sure that any 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.