



CHAPTER I INTRODUCTION

1-1. Description of Items

The unrigged data for the items covered in this manual are as described below.

a. Truck and Trailer for Low-Velocity Airdrop.

(1) The M151 truck weighs 2,400 pounds. It is 133 inches long and 64 inches wide. The height of the M151 is 71 inches (reducible to 60 inches).

(2) The M416 trailer weighs 570 pounds. It is 109 inches long, 61 inches wide, and 44 inches high.

(3) The accompanying load shown on the platform is ammunition. It must weigh not more than 690 pounds nor less than 500 pounds.

b. Truck and Trailer for LAPE Airdrop.

(1) The M151 truck is the same as in a(1) above.

(2) The M416 trailer is the same as in a(2) above.

c. Truck and Trailer with AN/VSC-2 Radio Set for Low-Velocity Airdrop.

(1) The M151 truck with radio set weighs 3,230 pounds. It is 133 inches long, 64 inches wide, and 71 inches high (reducible to 58 inches).

(2) The M416 trailer weighs 570 pounds. It is 109 inches long, 61 inches wide, and 44 inches high.

(3) The accompanying load is the same as in a(3) above.

d. Truck and Trailer with AN/VSC-2 Radio Set for LAPE Airdrop.

(1) The M151 truck is the same as in c(1) above.

(2) The M416 trailer is the same as in c(2) above.

(3) The accompanying load is the same as in a(3) above.

e. Truck and Trailer with AN/MGC-34 Teletypewriter for LAPE Airdrop.

(1) The M151 truck weighs 2,410 pounds. It is 133 inches long and 64 inches wide. The height of the M151 is 71 inches (reducible to 52 inches).

(2) The M416 trailer with teletypewriter weighs 1,660 pounds. It is 111 inches long and 59 inches wide. The height of the M416 is 80 inches (reducible to 68 inches).

f. Truck and Trailer with AN/MTC-10 Telephone Control Office Group for LAPE Airdrop.

(1) The M151 truck weighs 2,690 pounds. It is 133 inches long and 64 inches wide. The height of the M151 is 71 inches (reducible to 52 inches).

(2) The M416 trailer with AN/MTC-10 weighs 1,755 pounds. It is 110 inches long, 61 inches wide, and 80 inches high.

g. Truck and Trailer with TDARS for Low-Velocity Airdrop.

(1) The M151 truck is the same as in a(1) above.

(2) The M416 trailer with TDARS is the same as in a(2) above.

(3) The TDARS components weigh 1,710 pounds.

h. TDARS Rigged in a Double A-22 Cargo Bag. TDARS components weigh 1,710 pounds.

i. TDARS with Stinger Missiles in a Double A-22 Cargo Bag. TDARS components with six stinger missiles weigh 1,177 pounds.

j. M1025 and M1026 Armament Carriers with TDARS for Low-Velocity Airdrop.

(1) The M1025 and M1026 Armament Carriers are the same as in Chapter 1 of FM 10-517/TO 13C7-1-111.

(2) The TDARS components weigh 735 pounds. One box of 105-mm ammunition or its

equivalent, weighing 110 pounds, is added to meet weight requirements.

1-2. Special Considerations

Special considerations for this manual are given below.

a. This manual covers the information necessary for rigging the M151, 1/4-ton truck and the M416, 1/4-ton trailer together for low-velocity airdrop. Separate low-velocity airdrop rigging procedures for the 1/4-ton trailer with the AN/VSC-2 can be found in FM 10-510/TO 13C7-2-451. Separate procedures for rigging the 1/4-ton trailer with either the AN/MGC-34 or the AN/MTC-10 can be found in FM 10-518/TO 13C7-3-371.

b. Loads covered in this manual may include hazardous material as defined in AFR 71-4/TM 38-250. If hazardous material is included, it must be packed, marked, and labeled as required by AFR 71-4/TM 38-250.

c. A copy of this manual must be available to the joint airdrop inspectors during the before- and after-loading inspections.

CAUTION

Only ammunition listed in FM 10-553/TO 13C7-18-41 may be airdropped.