

## CHAPTER 1

## INTRODUCTION

**1-1. Description of Items**

The description of the items covered in this manual is as follows:

- a. The Stinger missile, in a wooden box, weighs 74 pounds; it is 67 inches long, 14 inches wide, and 12 inches high.
- b. The Stinger weapon system, in a metal case, weighs 87 pounds; it is 66 inches long, 13 inches wide, and 13 inches high.
- c. The M151, 1/4-ton truck weighs 2,410 pounds. It is 133 inches long, 64 inches wide, and 71 inches high (reducible to 52 inches).
- d. The M416, 1/4-ton trailer weighs 570 pounds. It is 109 inches long, 61 inches wide, and 44 inches high.
- e. The M 998, 1 1/4-ton HMMWV-series truck weighs 5,500 pounds. It is 185 inches long, 85 inches wide, and 70 inches high.
- f. The M1097, 1 1/4-ton, HMMWV-series truck used in the Avenger air defense weapon system weighs between 5,750 pounds and 5,900 pounds. It is 188.5 inches long, 86 inches wide, and 72 inches high. This truck with the Avenger turret mounted is 104 inches high.

- g. The Avenger weapon system turret is 69.25 inches high, when removed from the truck. It is 85 inches wide and 86.6 inches long. The Avenger turret with the modified Environmental Control Unit (ECU) is 91 inches long.

**1-2. Special Considerations**

**CAUTION:** Only ammunition listed in FM 10-500-53/MCRP 4-3.8/TO 13C7-18-41 may be airdropped.

- a. The loads covered in this manual may include hazardous materials as defined in AFJMAN 24-204/TM 38-250. If included, the hazardous material must be packaged, marked, and labeled as required by AFJMAN 24-204/TM-38-250.
- b. FM 10-517/TO 13C7-1-111 must be used to rig loads that include HMMWV series trucks.
- c. A copy of this manual must be available to the joint airdrop inspectors during the before- and after-loading inspections.