

CHAPTER I

Airdrop Information**1-1. Description of Items**

The description of the unrigged items covered in this manual is given below:

- a. Twenty-four 1-quart plastic canteens filled with 6 gallons of water weigh 54 pounds.
- b. One case of zip-top cans weighs 39 pounds.
- c. One case of 10-ounce cans weighs 44.25 pounds.
- d. The milk-dispensing container filled with 5 gallons of water weighs 42 pounds. It is 10 inches square and 17 inches high. Forty containers can be delivered in one A-22 cargo bag, eight containers can be delivered in one A-21 cargo bag, and 160 containers can be delivered in four A-22 cargo bags.
- e. The 55-gallon collapsible water drum is a durable, nonvented, cylindrically shaped, rubber container fitted with a faucet valve. Filled with 55 gallons of water, the drum weighs 400 pounds.
- f. The 250-gallon drum filled with 240 gallons of water weighs 2,197 pounds when rigged for

low-velocity airdrop. When rigged for LAPE airdrop, the drum is filled with 225 gallons of water and weighs 2,072 pounds. Each drum is 60 inches long and 40 inches in diameter. Empty, the drum weighs 205 pounds. A pumping assembly can be rigged with the load as an accompanying load.

- g. The 500-gallon drum filled with 432 gallons of water weighs 3,835 pounds. It is 62 inches long and 53 inches in diameter. Empty, the drum weighs 250 pounds. A pumping assembly can be rigged with the load as an accompanying load.

1-2. Special Considerations

- a. Components of the pumping assembly that have been used to deliver petroleum products must not be used to pump water for human use.
- b. A copy of this manual must be available to the joint airdrop inspectors during the before- and after-loading inspections.