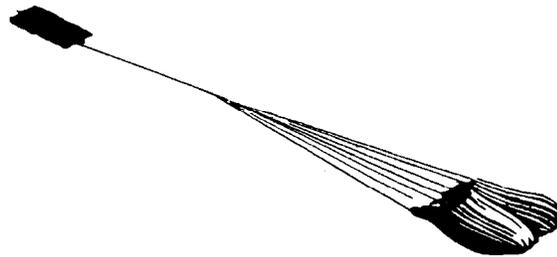
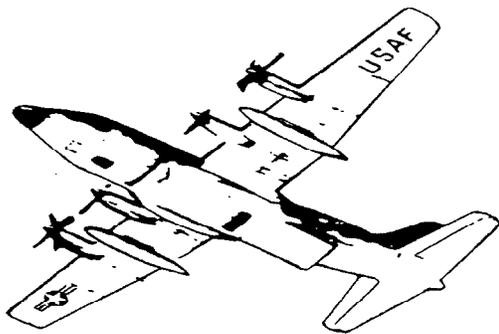


# CHAPTER 1 INTRODUCTION



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## 1-1. Description of Items

The description of items covered in this manual are listed below.

**a. Steel Landing Field Mat.** The steel landing field mat consists of 39 pieces of steel mat weighing 5,850 pounds. Each piece weighs 150 pounds, is 144 inches long and is 22 inches wide. Pieced aluminum or steel may be dropped using these procedures; however, the weight and parachute requirements must be computed.

**b. The Rapid Runway Repair Kit rigged on a 24-foot, Type V Platform.** The rapid runway repair kit consists of fiberglass sheets, plastic supports, metal fittings and the tools to erect the structure. The kit is contained in locally fabricated wooded boxes. A total of four rapid runway repair kits will be rigged on this load. The load is 288 inches long, 90 inches high, 108 inches wide, and 24,360 pounds.

**c. The Rapid Runway Repair Kit rigged on a 20-foot, Type V Platform.** The rapid runway repair kit consists of fiberglass sheets, plastic supports, metal fittings and the tools to erect the structure. The kit is contained in factory build shipping wooded boxes. A total of two rapid runway repair kits will be rigged on this load. The load is 222 inches long, 22 inches high, 89 inches wide, and 14,080 pounds.

**d. The Rapid Runway Repair Kit-ALPHA, rigged on a 32-foot, Type V Platform.** The folded fiberglass mat rapid runway repair kit-ALPHA consists of two mat sections, an equipment box and eight metal boxes filled with bolts and washers. The load is 401 inches long with a 17 inch rear overhang, 59 1/2 inches high, 108 inches wide, and 13,260 pounds.

## 1-2. Special Considerations

**a.** The wooden shipping boxes can be locally fabricated.

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