

## 35 RECEIVING ONLY REPERFORATOR TABLE

### GENERAL DESCRIPTION AND PRINCIPLES OF OPERATION

#### 1. GENERAL DESCRIPTION

1.01 This section covers the complete general description and basic principles of operation of the 35 Receiving Only Reperforator Table. The section has been reissued to include recent engineering changes and additions and to rearrange the text. Since this is a general revision, marginal arrows ordinarily used to indicate changes and additions are omitted.

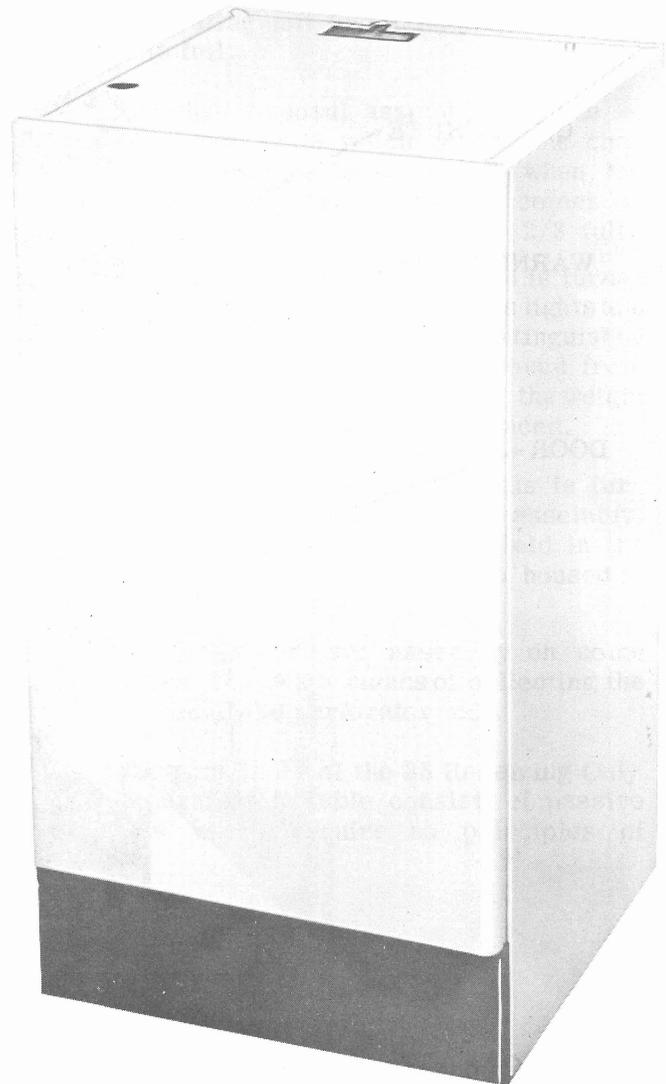
1.02 Only two of the various types of tables are covered in this section. The tables (25-3/8 inches high, 13-7/16 inches wide, and 13-1/2 inches deep) provide a stand for the 35 Receiving Only Typing Reperforator, mounting facilities for the chad container and chad warning device, and mounting facilities for the 35 electrical service unit. Refer to the applicable section for the description and principles of operation of any components mounted in or upon the table except for the chad disposal mechanism which is considered a part of this table.

1.03 The front access door (on both tables), with magnetic latch, is used for servicing the electrical service unit and emptying the chad container. A red lens near the upper left corner of the door is illuminated as a warning to the operator that the chad container is full.

**CAUTION: IF THE CHAD CONTAINER IS NOT REPLACED WHEN EMPTIED, THE WARNING LAMP WILL NOT BE LIGHTED. BE SURE THE CONTAINER IS PROPERLY SUSPENDED FROM THE SUPPORT BEAM WHENEVER THE REPERFORATOR MOUNTED ON THE TABLE IS IN OPERATION.**

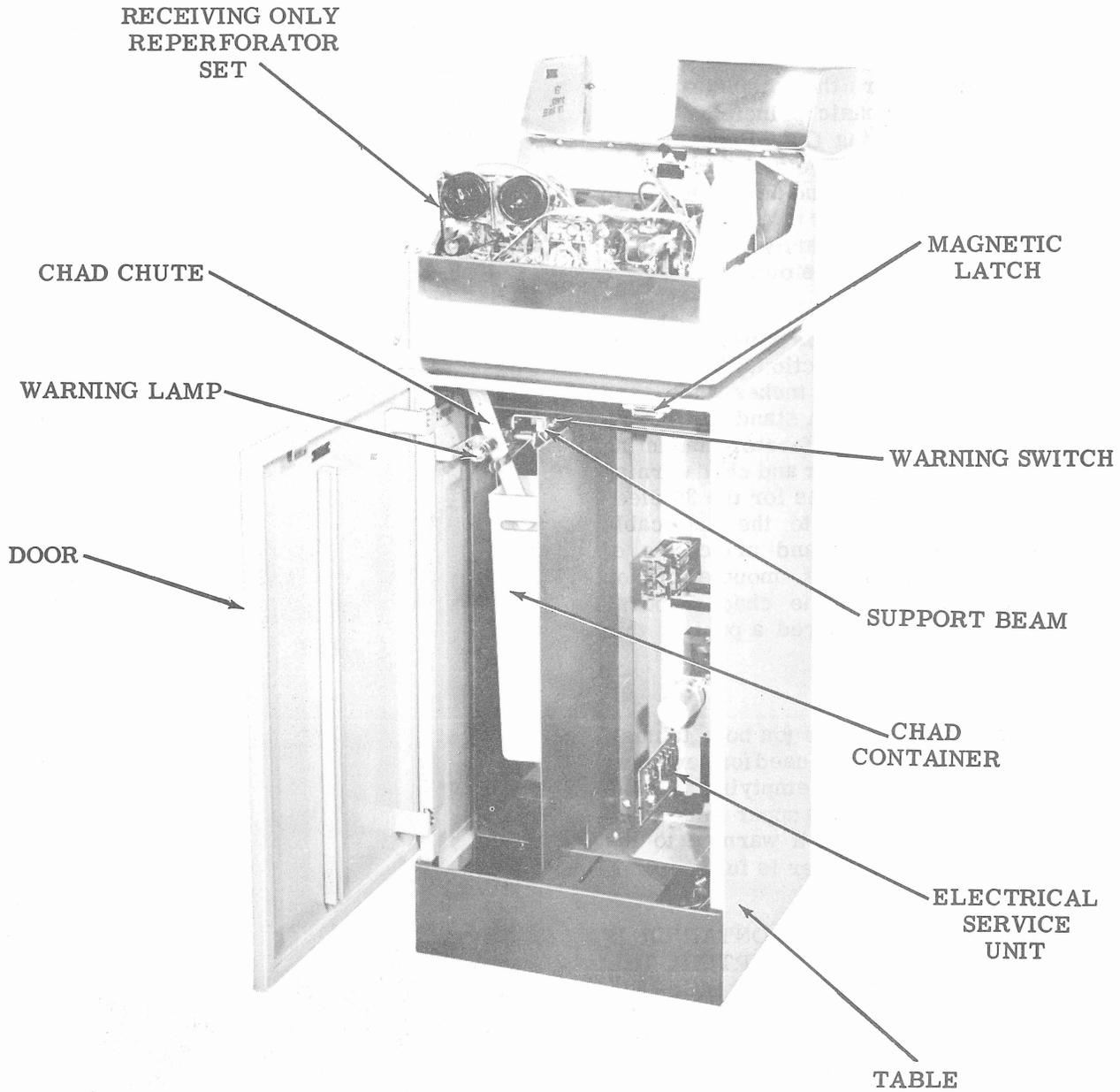
1.04 The chad container is large enough to hold the accumulation of chad produced from fifty percent perforation of three rolls of standard 1000 feet, one-inch wide, eight-level tape.

1.05 The electrical service unit mounting rack is removable for servicing. A hole, at the bottom rear of the tables, serves as clearance for cables entering the electrical service unit for external units.



(Front and Right Side View)

Figure 1 - 35 Receiving Only Reperforator Table



(Front and Right Side View)

Figure 2 - 35 Reperforator Table with Receiving Only Set and Electrical Service Unit

1.06 A rectangular hole in the rear of the table top serves as a clearance for the cable connector between the reperforator base and the electrical service unit. A round hole at the left front of the table top serves as clearance for the chad chute.

1.07 The following information lists the difference between the two types of tables. The first type of table has the following features.

- (a) The table top contains one locating screw which locates the reperforator base.
- (b) The table is supplied with a relay rack on which the chad disposal assembly is located. The chad disposal assembly consists of a plastic chad container, scale assembly, adjustable counterweight, switch and light, and a plastic chad tube and clamp.
- (c) The relay rack rests on the floor inside the table. The door conceals the rack from view. The relay rack contains a handle on which a kick plate is located. When the relay rack is in place under the table, the kick plate is extended and the studs on the plate engage holes at the bottom of the table. When the relay rack is pulled out from under the table, the kick plate can be pushed against the relay rack out of the way.
- (d) The table rests on four stainless steel feet welded to the table structure.

1.08 The second type of table has these features.

- (a) The table top contains two locating screws for locating the reperforator base.

- (b) The chad disposal assembly consists of a plastic chad container (mounted on a shoulder screw located on the back wall of the table), and a plastic chad tube and clamp.

- (c) The table has two welded feet located at the front and two adjustable feet located at the rear.

## 2. PRINCIPLES OF OPERATION (Both Tables)

2.01 The chad disposal assembly provides the means of collecting the chad produced at the perforating unit and indicating when the container is full.

2.02 The chad disposal assembly is made up of a beam scale which weighs the chad and trips the warning lamp switch when the weight of the chad (and container) comes to approximately 25 ounces (container 2/3 full).

2.03 When the warning lamp switch is turned on, a lamp behind the door lens lights and illuminates the lens. The lamp is extinguished when the chad and container are removed from the scale beam and is not relighted by the weight of the container alone when it is replaced.

2.04 A cable with clip-on terminals is furnished with the chad disposal assembly. This cable connects to the wiring field in the electrical service unit, which is also housed in the table.

2.05 The chad disposal assembly on some tables provides a means of collecting the chad produced at the perforator unit.

2.06 The remainder of the 35 Receiving Only Reperforator Table consists of passive components which require no principles of operation.