

28 TELETYPEWRITER CABINET FOR  
AUTOMATIC SEND-RECEIVE (ASR) SETS

DESCRIPTION

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1. GENERAL

1.01 This section describes the 28 teletypewriter cabinet for the Automatic Send-Receive (ASR) Set. For information pertaining to the ASR Set or any of its components, refer to the appropriate section.

1.02 The directions — up or down, front or rear, and left or right, as given in this section, are as viewed from an operator's position.

1.03 A cabinet is an enclosure with its cover and all external faceplates. The cabinet protects the enclosed components against dust, possible damage from external sources, and reduces the operating noise level. Figures 1 and 2 show a typical 28 teletypewriter cabinet for the ASR Set.

1.04 The cabinet, of sheet metal construction, is finished internally and externally in baked enamel. The cabinet is 38-1/2 inches high, 46 inches wide with the offset copyholder (36 inches wide without the offset copyholder), 18-1/4 inches deep, and weighs approximately 150 pounds.

2. DESCRIPTION

2.01 The cabinet houses all the basic components, ie, keyboard, typing unit, perforator or reperforator, transmitter distributor, transmitter distributor base, electrical service unit, and motor; plus all required auxiliary equipment. Such auxiliary equipment would be a typing reperforator, a typing reperforator base and a motor, all mounted on the shelf, and

an auxiliary electrical service unit mounted on a rack in the lower compartment of the cabinet.

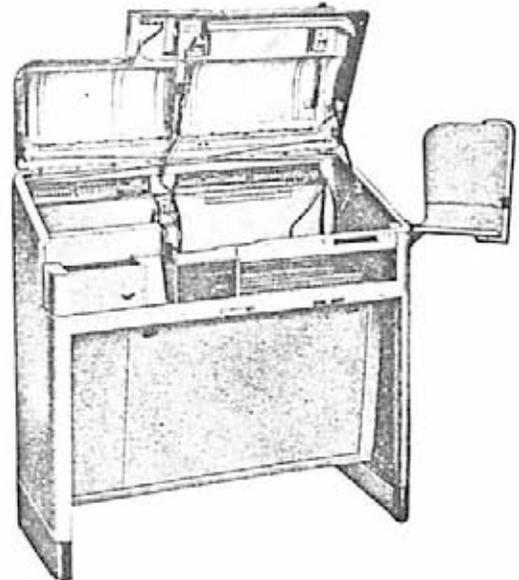


Figure 1 - Typical 28 Teletypewriter Cabinet for Automatic Send-Receive (ASR) Sets (Dome Cover Open)

2.02 A shelf divides the cabinet into an upper compartment and a lower compartment or pedestal. The upper compartment houses the keyboard base, typing unit, electrical service unit, and the auxiliary typing reperforator (if supplied). The lower compartment houses accessory equipment and is used for storage.

2.03 The upper compartment has a dome-shaped cover hinged at the rear. The cover is unlatched by a pushbutton and is counterbalanced by a stop arm mechanism that aids in raising and supporting it in the open position.

2.04 Openings in the dome cover provide access to components without raising the entire cover. The right door on the dome cover (Figure 2) provides access to the rear of the

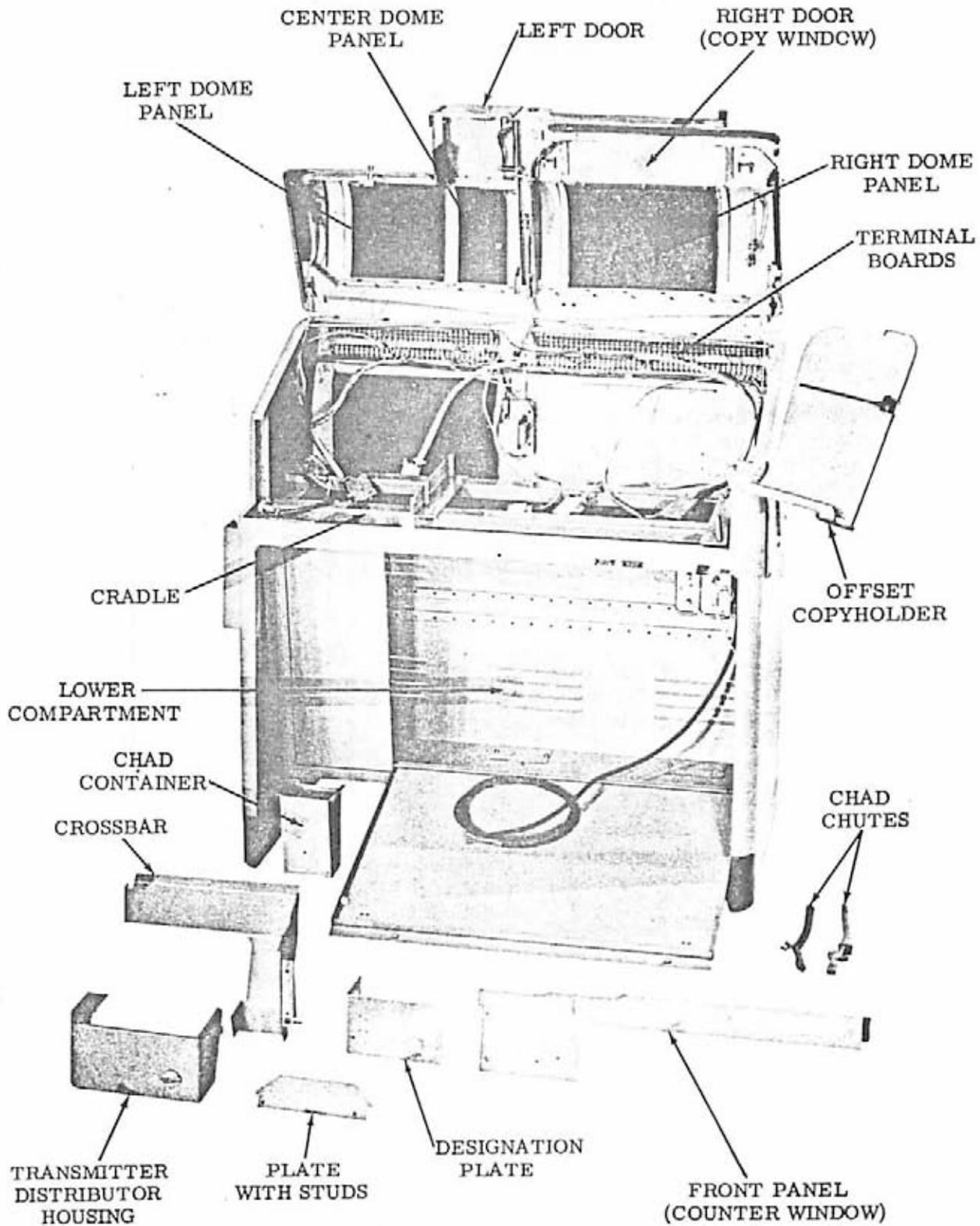


Figure 2 - 28 Teletypewriter Cabinet for Automatic Send-Receive (ASR) Sets (Dome Cover Open)

typing unit for changing the copy paper. A window in this door affords a view of the platen, typebox, and the copy being typed. The rear of the window serves as a straight edge for tearing off printed copy. The hinged left door near the center can be raised to gain access to the perforator. Two windows in the door are provided for viewing the perforated tape, the left window serving as a tape cutoff guide. The hinged left dome panel can be raised to gain access to the auxiliary reperforator, if it is supplied.

2.05 Incandescent indicator and copy lamps, located under the dome cover, illuminate the printed copy. A three-position switch, accessible when the dome cover is raised, controls the copy lamps. The copy lamp switch provides the following operating modes: NORMAL ON, OFF, and MAINT ON (maintenance on).

2.06 A cradle assembly resting on vibration mounts on the floor of the upper compartment accommodates both a keyboard base and a transmitter distributor base.

2.07 Terminal boards for power and signal line connections are located on the inner rear wall. The electrical service unit is placed to the rear of the keyboard base. Its power switch is controlled through a lever at the front of the cabinet.

2.08 Rubber sealing strips, applied to the edges of both the dome cover and the lower compartment, help reduce the operating noise level.

2.09 The cabinet may be equipped with many accessories such as:

- (a) A signal bell, to make audible those signals that are transmitted for supervisory purposes.
- (b) Electrical noise suppressors, to minimize electromagnetic radiation from the signal and power lines.
- (c) A margin indicator lamp, which may be equipped with a line balancing resistor.
- (d) A small copyholder and line guide.
- (e) An offset copyholder.
- (f) An apparatus mounting rack for mounting accessory equipment.
- (g) A directory holder.
- (h) Four threaded leveling feet to compensate for floor irregularities or to add up to one inch in height to the cabinet.
- (i) A tape bin with door.