

## 35 CONTROLMATIC TELETYPEWRITER DATA STATION ARRANGED FOR TWX SERVICE MAINTENANCE

### 1. GENERAL

**1.01** This practice describes procedures to be followed when performing maintenance which requires removal and replacement of Data Set 101C.

**1.02** This practice does not include procedures for routine servicing of the teletypewriter (TTY) portion of the data station or for maintenance of Data Set 101C. TTY components should be serviced to assure reliable performance in accordance with BSP Sections 574-YYY-ZZZ applicable to 35 ASR equipment.

**1.03** Data Set 101C maintenance procedures are covered in Section 591-013-300.

**1.04** When maintenance or trouble indications suggest that Data Set 101C must be replaced, refer to 2.01 and 2.02.

### 2. MAINTENANCE PROCEDURES

**2.01** Data Set 101C is mounted in the kneewell, behind the front panel of the TTY (see Fig. 1). To gain access to the set, proceed as follows:

- (a) Remove the chad box by lifting it up and away from the front panel.
- (b) Release the front panel by momentarily operating the two pushbutton latches at the top of the panel.
- (c) Depress the safety clip underneath the keyboard and lower the front panel to the floor.

- (d) Remove the front panel by lifting at the rear to separate the hinge.



*Before removing the data set from the apparatus mounting, insure that ac power has been disconnected from the data station.*

**2.02** For removal of Data Set 101C, refer to Fig. 1 and the following procedures:

- (a) Using a screwdriver, unlatch and open the hinged chassis at the right side of the data set.
- (b) Disconnect the data set ac power connector (P) from the TTY wiring (M3AY cord).
- (c) Disconnect the data set TTY interface connector (T) from the TTY wiring (D50F-51 cord).
- (d) Remove any cable clamps as necessary.
- (e) Support the data set and remove the two mounting screws that secure the data set to the mounting brackets.



*Before installing a replacement data set, insure that the proper options have been installed in the data sets per customer requirements.*

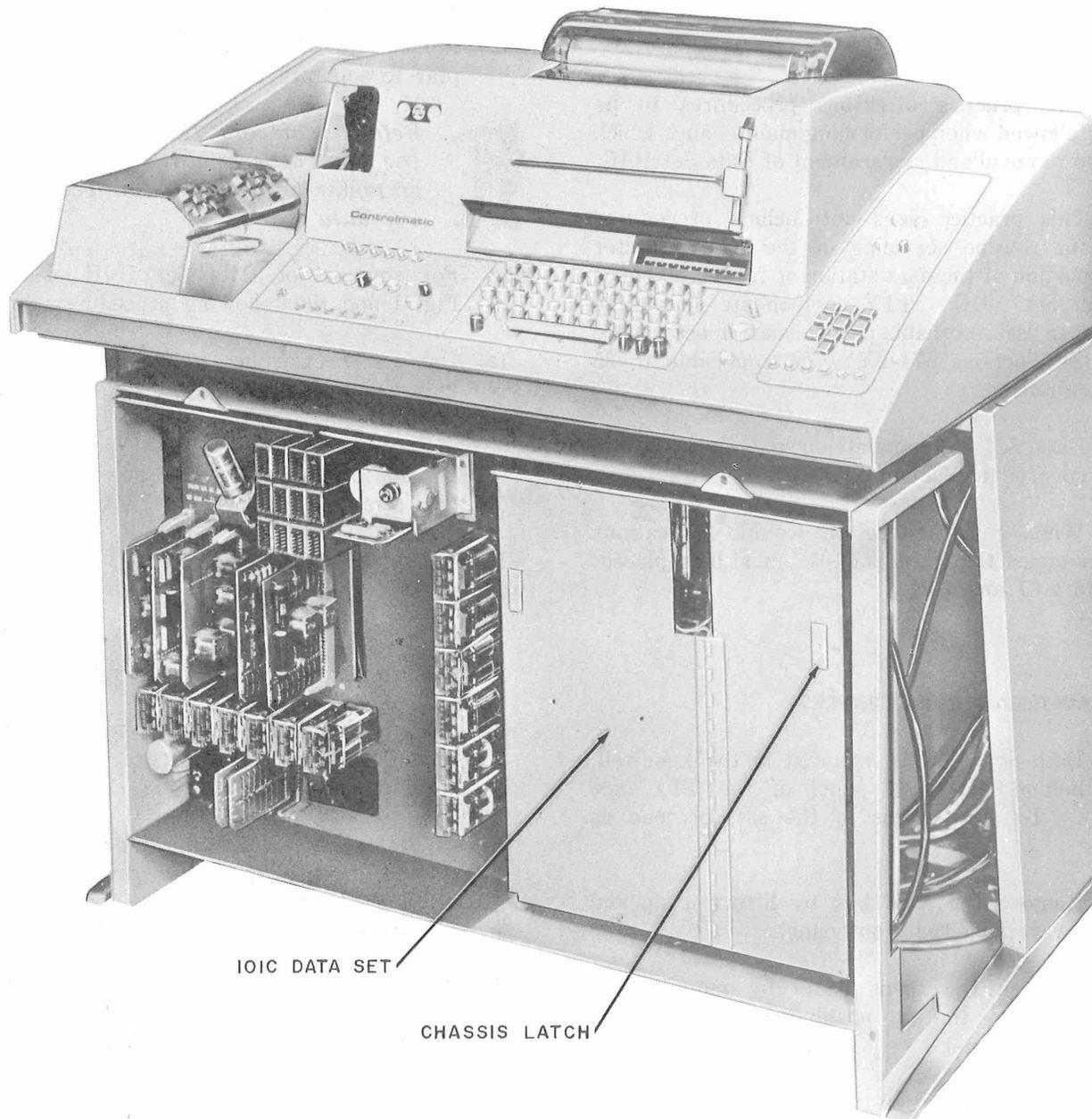
**2.03** The replacement data set is installed by reversing the procedures outlined in 2.01 and 2.02.

**2.04** Refer to Section 591-013-200 for instructions on providing options for Data Set 101C.

**SECTION 591-806-302**

- 2.05** Perform necessary installation tests to verify that the data set is operating properly.
- 2.06** When a defective data set is replaced, the unit that is to be returned to the distributing

house should be packed carefully (in original cartons, if available) to protect the unit in transit. Tag defective unit and describe the nature of the trouble as completely as possible.



**Fig. 1—Data Set 101C Mounted in 35 CONTROLMATIC Data Station Arranged for TWX**