

HOLDING TIME RECORDERS NO. 1-B

TESTS AND INSPECTIONS

1. GENERAL

1.01 This section describes the methods of testing and inspecting the relays and registers of 1-B holding time recorders. The operations covered are as follows:

- (A) "T" relay - Inspection of mechanical adjustment.
- (B) "T" relay - current flow test.
- (C) "SR," "R," and "P" relay - Inspection of mechanical adjustment.
- (D) "SR" relay - current flow test.
- (E) Register - Inspection of mechanical adjustment.
- (F) Register - current flow and 100 operation test.

1.02 Any irregularities found on these tests or inspections should be corrected before the recorder is again placed in service.

2. APPARATUS

- 2.01 Message register test set per ES-30490-01 or equivalent.
- 2.02 35-C Test set.
- 2.03 Relay adjusting tools as listed in the A400 division section involved.

3. PREPARATION

3.01 Obtain permission from the Traffic Department to take the recorder out of service.

3.02 Move the recorder cabinet out from the wall so that the back is accessible.

4. METHOD

(A) "T" Relay - Inspection of Mechanical Adjustment

4.01 Check the mechanical adjustments of the "T" relays in accordance with the requirements given in the A400 division practice.

(B) "T" Relay - Current Flow Test

4.02 Make a current flow test of the "T" relays using the re-adjust requirements shown on the circuit requirement tables.

(C) "SR," "R," and "P" Relay - Inspection of Mechanical Adjustment

4.03 Make a visual inspection of the mechanical adjustments of the "SR," "R," and "P" relays in accordance with the requirements given in the appropriate sections of the A400 division.

(D) "SR" Relay - Current Flow Test

4.04 Make a current flow test of the "SR" relays using the test requirements shown on the circuit

requirement tables.

(E) Register - Inspection of
Mechanical Adjustment

4.05 Make a visual inspection of all registers for wear and mechanical adjustment.

(F) Register - Current Flow and
100 Operation Tests

4.06 Make a current flow test of all registers and the 100

operation test using the message register test set and the test requirements shown on the circuit requirement table, and in accordance with the methods specified in the A200 division section covering traffic register tests.

5. REPORTS

5.01 The required record of this routine should be entered on the proper form.