

AUXILIARY LINE CIRCUIT SD-65799-01

OPERATION TEST

701A, 701B, OR 740E PBX

1. GENERAL

1.01 This section describes a method of testing the operating features of auxiliary line circuit SD-65799-01 when connected between the selector bank multiple and station line circuit providing for single digit access to associated stations.

1.02 This test checks the ability of the circuit to:

- (a) Provide machine ringing to called station.
- (b) Return audible ringing tone to calling station.
- (c) Disconnect machine ringing and ringing tone when called station answers.
- (d) Supply talking battery to the calling and called stations.

(e) Provide busy ground to the selector bank S conductor when the make-busy key is operated.

1.03 When performing this test the peg count register will score. Local instructions should be followed for recording and reporting this register operation.

1.04 This test requires action and verification at the unit under test and the local PBX switchboard.

2. APPARATUS

- 2.01 1011B handset (dial hand test set) or equivalent.
- 2.02 One 500-type telephone set or equivalent.
- 2.03 One 893 cord equipped with two KS-6278 connecting clips.

3. PREPARATION

STEP	ACTION	VERIFICATION
1	At unit under test — Connect telephone set or equivalent to terminals 28 and 38. This is referred to as station A.	
2	Operate handset switch to TALK.	

4. METHOD

STEP	ACTION	VERIFICATION
3	At unit under test — Observe relay A.	If relay A operated — Unit busy. If relay A nonoperated — Unit idle.
4	At idle unit to be tested — Connect ground to terminal 17.	

SECTION 540-188-501

STEP	ACTION	VERIFICATION
5	Connect handset between terminals 27 and 37.	A, B relays operated. At station A — Bell rings. At handset — Audible ringing tone heard.
6	At station A — Remove handset from switch hook.	At unit under test — F, J relays operated. At station A — Ringing tripped. At handset — Audible ringing tone silenced. Conversation between station A and handset satisfactory.
7	At unit under test — Operate MB key.	MB lamp lighted. MB relay operated. Conversation between station A and handset satisfactory.
8	At unit under test — Restore MB key.	MB lamp extinguished. MB relay released. Conversation between station A and handset satisfactory.
9	At station A — Replace handset on switch hook.	At unit under test — J relay released.
10	At handset — Operate switch to MON.	At unit under test — A, B, and F relays released.
11	Disconnect handset from terminals 27 and 37. Remove ground from terminal 17.	
12	At idle unit under test — Operate MB key.	MB lamp lighted. MB relay operated.
13	At station A — Originate test call to single digit station.	At switchboard — Attendant answered.
14	Request attendant to disconnect and call back.	At station A — Conversation between station A and attendant satisfactory.
15	At unit under test — Restore MB key.	MB lamp extinguished. MB relay released.
16	Disconnect telephone set from terminals 28 and 38.	