

## TESTS AND INSPECTIONS AT TIME OF INSTALLATION

### (MANUAL AUXILIARY FOR 756A PBX)

#### 556A PBX

#### 1. GENERAL

1.01 This section covers the tests and inspections that are required when the 556A PBX is installed for use with the 756A PBX as a manual auxiliary attendant position.

1.02 This section replaces the installation tests for the 556A PBX included in Section B556.202, Issue 1.

#### 2. APPARATUS

2.01 The apparatus for performing the tests in Table D is specified in the Bell System Practices referred to in the table. A head telephone set or handset is needed to perform the station line circuit test covered herein.

#### 3. INSPECTION ITEMS

3.01 Inspect the items of equipment listed in Tables A, B, and C.

TABLE A — CROSS-CONNECTING TERMINAL	
ITEM	VERIFY
Terminal Boxes	Firmly mounted — free of spare wire and wire clippings.
Connecting Blocks or Binding Post Chambers	Securely fastened — nuts on spare terminals turned down fingertight.
Fanning Strips	Securely fastened — correctly and legibly lettered and numbered.
Cable and Wires	Firmly fastened — neatly dressed — properly terminated.

TABLE B — CABLES	
ITEM	VERIFY
Cables	Neatly run — protected with tape where required.
Fasteners	Securely applied — proper type.

<b>TABLE C — INSPECTION OF PBX</b>	
ITEM	VERIFY
Location	Convenient — accessible — not subject to service hazards — stands level.
Exterior	Not marred, damaged or scratched.
Instruction Card	Faced correctly for the area served (manual or dial).
Dial	Proper speed dial furnished.
Dial Number Card and Holder	Properly made out — securely in place.
Lamps and Lamp Caps	In place — lamp caps properly positioned.
Trunk and Station Designation Strips	Properly made out — in place — clean protective strips.
Hole for Cable in End Panel	Portion of hole not used for the entering cable covered with fiber plate.
Apparatus Blanks	Firmly in place.
Plugs	Clean — shells not broken — screws not loose, missing or protruding.
Hand Generator Handle or Apparatus Blank	In place.
Interior	Clean — free from wire clippings, solder splashes, etc.
Cable and Cable Form	Neat — cable securely fastened — sufficient slack in entering cable — cables properly terminated.
Cord Units	Securely fastened — covers in place — securely jacked onto plugs.
Rear and Front Panels	In place — properly fitted.

**4. RELAY TESTS**

**4.01** The relays should not require the application of a current flow test at the time of installation. The testing and readjustment of individual relays, when necessary, should be made in accordance with the requirements for the particular type of relay involved.

**5. CIRCUIT OPERATION TESTS**

**5.01** The circuit operation tests required and the sections covering these tests are shown in Table D.

<b>TABLE D — CIRCUIT OPERATION TESTS</b>	
<b>TESTS TO PERFORM</b>	<b>SECTION</b>
Attendant Telephone and Dial Circuit Tests Test of Cord Splitting Feature Test of Monitoring Key Test of Dial Speed	B223.142
Central Office Trunk Circuit Trunk Ring-Up Relay Operation	B223.111
Attendant Trunk Circuit — 756A PBX Incoming Call (Dial "0") to Cord Switchboard	B256.222
Alarm and Transfer Circuits — 756A PBX Fuse Alarm Marker Alarm	B256.211
Manual Conference Circuits With or Without Voice Repeaters Operation (See Note)	B204.443
Station Line Circuit Test	Par. 5.02

**Note:** If conference circuits are installed with voice repeaters, apply the tests specified in the Bell System Practices, which cover the installation of the particular conference circuit.

**SECTION B523.602**

**5.02 Station Line Circuit Test:** Perform the steps and verifications as follows:

<b>STEP</b>	<b>ACTION</b>	<b>VERIFICATION</b>
1	At PBX — Operate BAT and BUZ keys to ON position.	
2	Insert plug of headset into attendant telephone jacks.	
3	Insert plug of station (right) cord into jack of idle station line. <i>Note:</i> To determine if station line is idle, operate TALK AND DIAL key and touch tip of station (right) cord to sleeve of station jack. If no click is heard, station is idle.	Station cord supervisory lamp lighted. Trunk cord supervisory lamp lighted. Buzzer sounds.
4	Operate TALK AND DIAL key.	
5	Depress RING (right) key associated with station (right) cord, momentarily.	At station — Bell rings. At PBX, when called station answers — Station cord supervisory lamp extinguished. Buzzer silenced. Talking connection satisfactory.
6	At PBX — Request called station to keep handset off hook.	
7	Remove station (right) cord from jack and touch tip of cord to sleeve of station line jack.	Click heard in headset receiver.
8	Reinsert station cord into station line jack and request station to replace handset on hook.	When station hangs up — Station cord supervisory lamp lighted. Buzzer sounds.
9	Restore TALK AND DIAL key to normal position.	
10	Remove station (right) cord from station line jack.	Station cord supervisory lamp extinguished. Buzzer silenced.
11	Repeat Steps 3 through 10 until all station line circuits have been tested. Use all station cords at least once during the tests.	