

AUXILIARY LINE CIRCUIT
PREPAYMENT COIN SERVICE
OPERATION TEST
USING TEST SET SD-31858-01 (J34701A)
STEP-BY-STEP SYSTEMS

1. GENERAL

1.01 This section describes a method of testing the auxiliary line circuit for use with the coin control connector in a No. 355A, 360A, or 35-E-97 community dial office using the SD-31858-01 (J34701A) test set.

1.02 This section is reissued to add test procedures for dial tone first prepay coin service and to make a more complete series of tests.

This reissue does not affect the Equipment Test List.

1.03 All keys, jacks, and lamps referred to are located at the test set unless otherwise specified.

1.04 These tests should preferably be made during periods of light traffic.

2. APPARATUS

2.01 Test set, J34701A (SD-31858-01).

2.02 Test telephone set (associated with J34701A test set).

2.03 W3A cord, 12 feet long (3W3A cord), equipped with one 310 plug, three 59 cord tips, and three KS-6780 clips (for use in connecting test set to tip and ring of auxiliary line circuit).

2.04 P3E cord, 6 feet long, equipped with two 310 plugs (3P6D or 3P7A cord) (for connecting battery and ground supply to the test set).

3. METHOD

STEP	ACTION	VERIFICATION
1	Connect test telephone set to TEL jack.	
2	Connect battery and ground supply to test set BAT G jack. <i>Note:</i> To avoid possible grounding of the battery supply lead, connect patching cord to test set first and, when disconnecting, remove it from test set last.	
3	Connect T jack to T and R terminals on CDF terminal strip of auxiliary line circuit.	Circuit idle. No conversation heard.
4a	◆ If trunk is arranged for dial tone before coin deposit— Operate DL ST, CBT LP keys.	Dial tone heard.
5a	Operate CN key.	

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STEP	ACTION	VERIFICATION
6b	If trunk is arranged for dial tone after coin deposit— Operate DL ST, CBT LP keys.	No dial tone heard.
7b	Operate CN key.	Dial tone heard.
8	Dial operator code.	Operator answers. Dial tone removed. REV lamp lighted. CR lamp momentarily lighted.
9c	If trunk is arranged for dial tone first, prepay coin service— Operate RCK key.	
10	Request operator to establish the necessary connections and apply coin return current.	CR lamp flashes at 1/2 second intervals and operator hears high tone. REV lamp is extinguished when CR lamp is lighted.
		<i>Note:</i> If testing trunks requiring operation of RCK key and coin potential is present on the ring side of the line the CR and CC lamps will flash alternately.
11	Restore CN key.	CR lamp extinguished.
12	Request operator to establish the necessary connections and apply coin collect current.	
13	Operate CN key.	CC lamp flashes at 1/2 second intervals and operator hears low tone. REV lamp may flash.
		<i>Note:</i> If testing trunks requiring operation of RCK key and coin potential is present on the ring side of the line the CR and CC lamps will flash alternately.
14	Restore CN key.	CC lamp extinguished.
15	Operate FL key.	Operator disconnects. REV lamp extinguished.⚡
16	When testing is completed— Disconnect testing cords, restore keys.	