

NON-CAMA OUTGOING TRUNK CIRCUIT
MULTIFREQUENCY PULSING
REVERSE BATTERY SUPERVISION
ARRANGED FOR TIMED DISCONNECT
MISCELLANEOUS TESTS
STEP-BY-STEP OFFICES WITH COMMON CONTROL

1. GENERAL

1.01 This section describes the method of testing the operational features of the non-CAMA outgoing trunk circuit arranged for MF pulsing in No. 1, 350A, or 355A step-by-step offices equipped with common control using trunk test set circuit SD-32368-01.

1.02 The tests covered are:

A. Operational Test: This test checks the following features:

- (1) Busy trunk test
- (2) Seizure forward
- (3) Delay dial
- (4) Start dial
- (5) Answer supervision
- (6) Calling party release

B. Called Party Release: This test checks the time disconnect feature when the called party releases first.

2. APPARATUS

All Tests

2.01 Trunk test set SD-32368-01.

2.02 Patching cord, P3K cord, 6 feet long, equipped with two 310 plugs (3P15A cord), used for connecting battery and ground to test set.

2.03 Two patching cords, P3E cord, 6 feet long, equipped with two 310 plugs (3P7A cord) used to connect test circuit to trunk to be tested.

Test B

2.04 KS-3008 stopwatch.

3. PREPARATION

STEP	ACTION	VERIFICATION
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All Tests

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| 1 | At trunk test set —
Connect 48-volt jack to 48-volt battery supply jack using P3K cord. | |
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Note: To avoid possible grounding of the battery supply lead, connect the cord to the test set first and, when disconnecting, remove the cord from the test set last.

4. METHOD

STEP	ACTION	VERIFICATION
A. Operational Test		
2	Connect test set T jack to T jack of trunk to be tested using P3E cord.	BSY lamp not lighted. <i>Note:</i> If BSY lamp lights, the trunk is busy. In this case do not operate ST key. Remove test cord.
3	Operate ST key.	BSY lamp lighted.
4	Connect test set TT jack to TT jack of trunk being tested using P3E cord.	
5	Operate REV key.	WK lamp lighted.
6	Restore REV key.	WK lamp extinguished.
7	Operate REV key.	WK lamp lighted.
8	Restore ST key.	WK, BSY lamps extinguished. Trunk circuit restored to normal.
9	Restore REV key.	
10	If no further testing is to be done, disconnect all test cords.	
B. Called Party Release		
2	Repeat Steps 2 through 7, Test A.	
3	Restore REV key.	After 13 to 19 seconds — WK lamp extinguished.
4	Restore ST key.	BSY lamp extinguished. Trunk circuit restored to normal.
5	If no further testing is to be done, disconnect all test cords.	