



**"TOUCH-TONE" CALLING SIGNAL TO  
DIAL PULSE CONVERTERS SD-32328-01  
OPERATION TESTS  
USING CONVERTER TEST SET SD-32330-01 (J33026)  
STEP-BY-STEP OFFICES WITHOUT COMMON CONTROL**

**1. GENERAL**

**1.001** This addendum supplements Section 227-625-500, Issue 1. The attached pages must be inserted in the section in accordance with the filing instructions above.

**1.002** The addendum is issued to revise Test F and correct Test Q.

**4. METHOD**

The following changes apply to Part 4 of the section.

- (a) Test F revised to change no such number tone to reorder tone.
- (b) Test Q revised to operate TST key.

**Attached:**

**Page 7 dated September 1967, reissued**  
**Page 8 dated September 1967, revised**  
**Page 27 dated September 1967, revised**  
**Page 28 dated September 1967, reissued**

STEP	ACTION	VERIFICATION
<b>E. 2-Party Message-Rate Trunk Party Test</b>		
5	At converter test set — Operate KY key.	
6	Operate TPT key.	
7	Operate TST key.	Dial tone heard.  <i>Note:</i> If converter is busy — BY lamp lighted. Dial tone not heard.  TT lamp lighted. At jack, key, lamp, and plant register circuit — Corresponding C- lamp lighted.
8	At converter test set — Restore TPT key.	TT lamp remains lighted. Dial tone removed. RL lamp lighted. Digit 1 displayed. At jack, key, lamp, and plant register circuit — Corresponding C- lamp extinguished.
9	Restore test set keys.	All lamps extinguished.
10a	If no further tests are to be made — Remove all cords.	
11a	At jack, key, lamp, and plant register circuit — Remove plug from T- jack.	

#### F. Partial Keypulse Test

5	At converter test set — Operate KY key.	
6	Operate XPT key.	
7	Operate TST key.	Dial tone heard.  <i>Note:</i> If converter is busy — BY lamp lighted. Dial tone not heard.  At jack, key, lamp, and plant register circuit — Corresponding C- lamp lighted.

**SECTION 227-625-500**

<b>STEP</b>	<b>ACTION</b>	<b>VERIFICATION</b>
8	At converter test set — After dial tone is heard — Key first digit of an assigned office code. Start timing.	Digit displayed. After approximately 20 seconds — Reorder tone heard. PK lamp lighted. After an additional 20 seconds — Reorder tone removed. RL lamp lighted.
9	Restore test set keys.	All lamps extinguished.
10a	If no further tests are to be made — Remove all cords.	
11a	At jack, key, lamp, and plant register circuit — Remove plug from T- jack.	

**G. Abandon Call Test**

5	At converter test set — Operate KY key.	
6	Operate XPT key.	
7	Operate TST key.	Dial tone heard.  <i>Note:</i> If converter is busy — BY lamp lighted. Dial tone not heard.  At jack, key, lamp, and plant register circuit — Corresponding C- lamp lighted.
8	At converter test set — After dial tone is heard — Restore KY key to OPEN.	RL lamp lighted. Digit 1 displayed.
9	Restore test set keys.	All lamps extinguished.
10a	If no further tests are to be made — Remove all cords.	
11a	At jack, key, lamp, and plant register circuit — Remove plug from T- jack.	

**H. Momentary Open Loop Test**

**Momentary Open Before First Pulse**

5	At converter test set — Operate KY key.
6	Operate XPT key.

STEP	ACTION	VERIFICATION
<b>Test 14</b>		
12	Momentarily restore TST key.	
13	Key digit 7 nine times.	Keyed digits displayed in sequence.
14	At converter under test — Remove blocking tools from VC, 7DG, 8DG relays.	
15	At converter test set — Restore test set keys.	All lamps extinguished.
16a	If no further tests are to be made — Remove all cords.	
17a	At jack, key, lamp, and plant register circuit — Remove plug from T- jack.	
<b>Q. Pulse Generator Test</b>		
5	At converter test set — Connect BAT G jack on pulse checking test set to BAT jack on converter test set.	
6	Calibrate pulse checking test set.	
7	Connect B jack on converter test set to P jack on pulse checking test set.	
8	At pulse checking test set — Operate PPS key.	
9	Operate SCALE switch to 20.	
→ 10	At converter test set —	
→	Operate TST key.	
11	Operate PG key.	At pulse checking test set — After approximately 1 minute — Meter indicates $10 \pm 0.5$ pulses per second as shown on circuit requirements table.
12	At pulse checking test set — Operate PCB key.	Meter indicates $59 \pm 2$ percent break as shown on circuit requirements table.
13	Restore test set keys.	
14a	If no other tests are to be made — Remove all cords.	
15a	At jack, key, lamp, and plant register circuit — Remove plug from T- jack.	

**5. PREPARATION OF TEST CHART**

**5.01** The test chart is intended as a typical number chart for use with Tests O and P. It shows the keys and jacks required for each test. All jacks and lamps not indicated as part of the converter test set are located on the jack, key, lamp, and plant register circuit. Where blank spaces are provided, they should be filled in with numbers for each test, depending upon local requirements. The chart is arranged so that

all or part of Tests O and P may be performed for each converter.

**5.02** Record the local codes and perform those parts of Tests O and P that correspond with local options used.

**5.03** The appropriate entry for digit display (ALL, NOT LAST, 1), reorder tone (RO TONE), and TIMING should be recorded for each test, depending upon local options used.