

DIMENSION ° 600/2000 PBX
ALARM PANEL TEST
(PROC 570)

1. GENERAL

- 1.1 This section is issued in order to make available the information contained in the Administration and Maintenance Manual, 500-497, PROC 570.
- 1.2 The attachment provides a procedure for testing the Alarm Panel indicator lamps.

ATTACHMENT

PROC 570 (3 pages)

Reason for Issue:
New Section

Manager, Denver PBX PECC

PRIVATE

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PROCEDURE 570 - ALARM PANEL TEST

PROC 570

A. DESCRIPTION

Procedure 570 is called in when there is a suspected malfunction in one or more of the 23 software-controlled alarm panel indicators.

Procedure 570 is used to display the test states of the maintenance, alarm and processor/memory indicators.

Two tests are available:

- Test 1 - Simultaneously test all indicators on flip chart.
- Test 2 - Individually test indicators shown on flip chart.

<p style="text-align: center;">TEST 1:</p> <p>SIMULTANEOUSLY TESTS ALL INDICATORS SHOWN ON FLIP CHART. USE 'NEXT DATA' TO TURN INDICATORS ON AND OFF.</p>	<p style="text-align: center;">TEST 2:</p> <p>INDIVIDUALLY TESTS INDICATORS BY FLASHING THEM AT A 1/2 SEC. ON/OFF RATE. USE 'NEXT DATA' TO ADVANCE TO NEXT INDICATOR OR USE CHANGE SEQUENCE TO SELECT A SPECIFIC FIELD AND ENTER A VALUE OF 1.</p>
<p>FLIPCHART ISSUE 5 ○ ○</p>	<p style="text-align: center;">PROC 570 ○ ○</p>

<p>FLIPCHART ISSUE 5 ○ ○</p>	<p style="text-align: center;">ALARM PANEL TEST ○ ○</p>	<p style="text-align: center;">PROC 570</p>	
TEST 2			
TEST NO	ALARM	PROCESSOR/MEMORY	MAINTENANCE PANEL
M A J	M I N	I B / U S	P R O C
2	3	M E M	P A S S
1	4	F A I L	T A P E
	5	C / C O	I V E R P
	6	F U S E	P F
	7	N E T O	S C A N
	8	P A M	N E T
	9	T O N E	P A M
	10	C N S L	L I N K
	11	R E T G	T R K
	12	A N I	O T H E R
	13	14	15
	16	17	18
	19	20	21
	22	23	24

1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	-	570
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B. FIELD DEFINITIONS AND CODES

Field	Code	Definition
1	1,2	Test number.
2-24	0	Indicator is off.
	1	Test 1: Indicator is on.
		Test 2: Indicator is flashing.
	dash	Fault indicator is under on-line control.

C. TEST PROCEDURES

A list of Alarm Panel failure tests, what each one does, and how each is run follows:

Call in Procedure 570:

PROC NO.; 570; ENTER

Test 1 is automatically selected.

Depressing the NEXT TEST key repeatedly advances the procedure to the desired test.

Test 1:

Test 1 displays the testing status when testing all indicators simultaneously. The testing status is displayed in fields 2 through 24.

To start the test, select Test 1 and depress the EXECUTE key. A 1 is displayed in fields 2 through 24 and the Alarm Panel indicators corresponding to the fields on the flipchart are turned on. MAAP display fields are grouped by Alarm Panel areas as follows:

Field	Functional Area
2,3	ALARM panel.
4-8	PROCESSOR/MEMORY panel.
9-24	MAINTENANCE panel.

Depressing the NEXT DATA key turns off all the indicators, and zeros are displayed on the MAAP. Depressing NEXT DATA again turns all the indicators on and ones are displayed.

Test 2:

Test 2 tests a specific indicator. Testing status is displayed in fields 2 through 24.

C. TEST PROCEDURES (Contd)

When Test 2 is selected, a flashing 1 is displayed in field 2 indicating an optional entry field. Either the indicator associated with field 2 can be tested or another indicator can be selected in any of the following ways:

1. Using the NEXT DATA key to increment to the indicator to be tested,
2. Depressing the ENTER key repeatedly to select the desired field.
3. Using the change field sequence; eg:

CHANGE FIELD; (Field No. of indicator to be tested); ENTER; 1; ENTER

To start the test, depress the EXECUTE key. In the selected field, a 0 and a 1 are displayed alternately. The associated indicator on the alarm panel turns on and off at a 1-second on 1/2-second off rate.

While the selected indicator is off, the procedure allows brief flashes of the normal indicator outputs from the on-line programs.

Depressing the NEXT DATA key repeatedly, causes the Alarm Panel indicators to be tested in the sequence shown on the flip chart. Depressing NEXT DATA after all indicators have been cycled through using NEXT DATA, dashes fields 2 through 24. Depressing NEXT DATA again begins the sequence again with the indicator associated with field 2.

D. REPAIR GUIDE

When an alarm panel failure is indicated, the following steps should be performed in the order shown to isolate and repair the faulty unit.

Step	Isolation Procedure
1.	Execute Test 1 to determine whether the desired indicators respond to On/Off control.
2.	If interaction between two or more indicators is suspected, execute Test 2 and observe their individual operation.
3.	If failures are observed, replace LC147 and then the alarm panel.