## BELL SYSTEM PRACTICES AT&TCo Standard

## L MULTIPLEX TERMINALS LMX-1 EMERGENCY PILOT SUPPLY **EMERGENCY PILOT SUPPLY USING 57A OSCILLATOR** TESTS Procedures for connecting the J64057A (57A) oscillator to the pilot distributing panel and checking its operation are described. These procedures supersede similar procedures described in Sections 356-081-501 and 356-081-502. Equipment Test Lists are affected. **APPARATUS Receiving Test Equipment** (Section 356-010-500) having the following characteristics: Frequency: 308 to 8320 kHz Power: -1.0 dBm Impedance: 75 ohms P2BC Cord STEP PROCEDURE 1 Calibrate the receiving test equipment (RTE) for a 75-ohm terminated measurement of -1.0 dBm at the frequency being measured (Fig. 1). 2 Make patch (1), Fig. 1 for the frequency being measured. 3 Read the RTE measurement.

Requirement: -1.0 dBm

- 4 If the requirement of Step 3 is not met, adjust the OUTPUT potentiometer on the 57A oscillator under test to meet the requirement.
- 5 Repeat Steps 1 through 4 for the remaining frequencies.
- 6 Connect the No. 1 outputs of the 57A oscillator to the pilot distributing panel per SD-59639-01 (Fig. 1).

## SECTION 356-180-501

	PROCEDURE				
Momentarily operate the START key through the grid on the miscellaneous power panel associated with the 57A oscillator to assure regulation of the oscillator.					
Measure and adjust pilots at the PIL TST jack per Section 356-180-502 covering the performance of the pilot distributing circuit.					
Perform tests in Section 356-179-501 pertaining to the pilot combining circuits.					
alarm c	ontrol circuit.				
<i>Note:</i> from th	Where it is required t ne No. 1 output of the 5	hat the pilot genera 7A oscillator.	tor be disable		
	PLT DIST CKT			57A OSCILL	ATOR
	308-KHZ BUS		$^{001}$	308-KHZ OUTPUT	۲
	556-KHZ BUS		$\xrightarrow{2} \xrightarrow{2}$	556-KHZ OUTPUT	۲
	2064-KHZ BUS			2064-KHZ OUTPUT	0
. сина. :кт	3096-KHZ BUS			3096-KHZ QUTPUT	۲
	7266-KHZ BUS		−−→> <sup>1</sup> −−−	7266-KHZ OUTPUT	۲
	8320-KHZ BUS		$\xrightarrow{\text{out}} \xrightarrow{1}$	8320-KHZ OUTPUT	۲
L	SD-59534-01	(1) 928C	٦	SD-5959	6-01
		T RTE			TPA 541592
	associat Measur perform Perform alarm c <i>Note:</i> from th	associated with the 57A oscillat Measure and adjust pilots a performance of the pilot distrik Perform tests in Section 356-17 Perform tests per Section 356- alarm control circuit. Note: Where it is required t from the No. 1 output of the 5 PLT DIST CKT 308-KHZ BUS 556-KHZ BUS 2064-KHZ BUS 100HB. KT 3096-KHZ BUS 7266-KHZ BUS 8320-KHZ BUS	associated with the 57A oscillator to assure regular Measure and adjust pilots at the PIL TST jack performance of the pilot distributing circuit. Perform tests in Section 356-179-501 pertaining to the Perform tests per Section 356-176-501 covering the alarm control circuit. Note: Where it is required that the pilot genera from the No. 1 output of the 57A oscillator. PLT DIST CKT 308-KHZ BUS 556-KHZ BUS 2064-KHZ BUS 2064-KHZ BUS 3096-KHZ BUS 7266-KHZ BUS 50-59534-01 (1) P2BC	associated with the 57A oscillator to assure regulation of the osci Measure and adjust pilots at the PIL TST jack per Section performance of the pilot distributing circuit. Perform tests in Section 356-179-501 pertaining to the pilot combin Perform tests per Section 356-176-501 covering the operational et alarm control circuit. Note: Where it is required that the pilot generator be disables from the No. 1 output of the 57A oscillator. PLT DIST CKT 308-KHZ BUS 0 UT 1 J 2 J 0 UT 1 J 1 J 2 J 1 J 1 J 1 J 1 J 1 J 1 J 1 J 1	associated with the 57A oscillator to assure regulation of the Uschnator. Measure and adjust pilots at the PIL TST jack per Section 356-180-502 c performance of the pilot distributing circuit. Perform tests in Section 356-179-501 pertaining to the pilot combining circuits. Perform tests per Section 356-176-501 covering the operational check of the em- alarm control circuit. Note: Where it is required that the pilot generator be disabled, merely unpl from the No. 1 output of the 57A oscillator. PLT DIST CAT S56-KHZ BUS UT BUS AT AT AT AT AT AT AT AT AT AT

-

.