

L MULTIPLEX TERMINALS
LMX-1—CARRIER AND PILOT SUPPLY
PILOT GENERATOR CIRCUITS
EMERGENCY PILOT ALARM CONTROL CIRCUIT TEST

The emergency pilot alarm control circuit is used in installations equipped only with emergency pilot supply circuits. In such installations, it replaces the six pilot transfer and control circuits which are used in complete pilot supplies. When any one of the emergency pilot generators fails to produce the required output, the emergency pilot alarm control circuit will be activated and thus cause the office minor alarm circuits to be energized. A major alarm will occur if a failure occurs during the time that the emergency pilot supply is patched into a high-frequency line.

The purpose of this test is to make an operational check of the emergency pilot alarm control circuit.

This section is reissued as part of a general reorganization of the 356 Series of practices. It supersedes Section 356-077-501. *Equipment Test Lists are affected.*

APPARATUS

358C Dummy Plug

STEP	PROCEDURE
	<p><i>Note 1:</i> This test can only be made if the pilots are not in-service. Remove them from service using the procedure in Section 356-052-501.</p> <p><i>Note 2:</i> This test is to be made only after the pilot generators are in working order and are meeting their requirements.</p>
1	Disable the pilot generator under test by inserting a dummy plug in the FIL 1 or FIL S1 jack, as applicable.
2	<p>When the tube cools sufficiently, observe that the following events occur:</p> <ul style="list-style-type: none"> (a) The Sensitrol* contacts close (on the emergency pilot alarm control panel). (b) The ALM lamp lights (on the emergency pilot alarm control panel). (c) The minor alarm sounds and the corresponding aisle lamp lights. (d) The major alarm sounds and the MJ ALM lamp lights (momentarily) when a plug is inserted (momentarily) in the PIL jack located in the transmitting bay.

*Trademark of Weston Instruments, Inc.

SECTION 356-176-501

STEP	PROCEDURE
3	<p>Operate the ACO key.</p> <p>Requirement:</p> <ul style="list-style-type: none">(a) The minor alarm is silenced and the aisle lamp is extinguished.(b) The ALM lamp remains lighted.
4	<p>Remove the dummy plug from the FIL 1 (or FIL S1) jack.</p>
5	<p>After three minutes have elapsed, press the appropriate RESET key (on the emergency pilot alarm control panel).</p> <p>Requirement:</p> <ul style="list-style-type: none">(a) The Sensitrol relay pointer is centered.(b) The ALM lamp remains lighted.(c) The alarms remain silent.
6	<p>Release the ACO key.</p> <p>Requirement: The ALM lamp is extinguished.</p>
7	<p>Repeat Steps 1 through 6 for the other emergency pilot alarm control units to be tested.</p>