

MOTOR STOP ALARM TESTS NO. 1 CROSSBAR OFFICES

1. GENERAL

1.01 This section describes a method of testing the interrupter frame alarm and transfer features. The features include ac to dc and dc to ac transfer, motor slow-up and stop alarm and lamp indications. The associated trunk circuit flash features are also checked, when provided.

1.02 This section is reissued to add option Step 4a to Test A which tests the flash feature operation of incoming trunks, when provided. Since this reissue covers a general revision, arrows ordinarily used to indicate changes have been omitted.

1.03 *Caution: The test in this section shall be made only during periods of light traffic. It is important to keep to a minimum the period during which the interrupter frame is out of service.*

1.04 *Lettered Steps:* A letter a, b, c, etc, added to a step number in Part 4 of this section

indicates an action which may or may not be required depending on local conditions. The condition under which a lettered step or a series of lettered steps should be made is given in the ACTION column, and all steps governed by the same condition are designated by the same letter within a test. Where a condition does not apply, all steps designated by that letter should be omitted.

2. APPARATUS

2.01 716C receiver attached to a W2AB cord, equipped with two 360A tools (2W21A cord), a KS-6278 tool, and a 411A tool.

3. PREPARATION

3.01 If the flash feature is furnished on incoming trunks, prepare a list in advance showing the interrupters involved in Step 4a. This will expedite the test and reduce to a minimum the elapsed time that the interrupter frame is out of service.

4. METHOD

STEP	ACTION	VERIFICATION
1	At interrupter frame under test— Remove ac fuse from motor fuse box.	Motor continues to run. <i>Note:</i> This action indicates satisfactory transfer to direct current.
2	Remove dc fuse from motor fuse box.	Motor slows down. Major alarm sounds. White aisle pilot lamps lighted. At floor alarm cabinet— MS lamp lighted. Motor stopped.
3	At floor alarm cabinet— Operate MS key.	MS lamp extinguished. White aisle pilot lamps extinguished.

SECTION 216-751-501

STEP	ACTION	VERIFICATION
4a	If flash is provided on incoming trunks— Using 716C test receiver, check for absence of ground on B (back) spring of LB and OF interrupters associated with the incoming trunks.	Major alarm silenced. MG lamp lighted.
5	Replace dc fuse.	No ground is detected.
6	Restore MS key to normal.	Motor starts and attains normal running speed. MS lamp lighted. White aisle pilot lamp lighted. Major alarm sounds.
7	Replace ac fuse.	MS, MG lamps extinguished. White aisle pilot lamps extinguished. Major alarm silenced.
8	Momentarily remove dc fuse to check for satisfactory transfer.	Motor transfers to alternating current.
		Motor continues to run at normal speed.