

VOICE ALARM AND CONTROL CIRCUIT SD-27980-01 FOR ANNOUNCEMENT SYSTEM 7A

TESTS

STEP-BY-STEP SYSTEMS

1. GENERAL

1.01 This section affects the Equipment Test List.

1.02 The tests covered are:

A. Voice Present: The ability of this circuit to start the announcement machine within a specified time interval and to amplify the announcement to a satisfactory listening level.

B. Voice Failure: The ability of this circuit (1) to recognize an announcement failure within a specified time interval after seizure, (2) to provide overflow tone to replace the announcement on failures, (3) to send a signal to trunks equipped to transfer to an attendant, and (4) to sound a major alarm and light an alarm lamp.

1.03 Test B should be performed in light traffic periods.

2. APPARATUS

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

2.02 KS-3008 stopwatch or equivalent.

2.03 1014A handset or equivalent.

2.04 Patching cord, 2W38A cord assembly consisting of a W2CK cord, 471A jack, and a 310 plug (to be used with the 1014A handset).

2.05 Blocking and insulating tools, as required. Use tools and apply as covered in Section 069-020-801.

3. METHOD

STEP

ACTION

VERIFICATION

A. Voice Present

1 Insert handset into M jack.

2 Block ST relay operated.

Announcement heard.

Announcement is clear and stays at a satisfactory listening level for one complete cycle.

3 Remove blocking tool from ST relay.

Announcement not heard.

4 Remove handset from M jack.

B. Voice Failure

1 At voice alarm and control circuit—
Check options provided in the voice alarm

STEP	ACTION	VERIFICATION
9	Remove handset from M jack.	