

**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.	