MISCELLANEOUS CIRCUIT

FOR MULTIFREQUENCY RECEIVER FRAME

CONTENTS

1. GENERAL INFORMATION

1.1 This section describes a method of verifying the Miscellaneous Circuit for Multifrequency Receiver Frame SD-28064-01.

2. TEST EQUIPMENT

2.1 Test Sets

Amt	Code	Description
1	ITE-4442	Volt-Ohmmeter

2.2 Cords and Accessories

Amt	Code	Description
2	ITE-9650	Operators Telephone Set
1	R-9572	Test Receiver

3. FUSE ALARMS

3.1 Insert an operated 1 1/3 amp fuse into the PFO fuse position. Observe that the major alarm sounds and that lamp 20A on the fuse panel and associated aisle pilot lamps are lighted. Lamps FA and AL do not light.

3.2 Remove the operated fuse and observe that the audible alarm is silenced, lamp 20A and associated aisle pilot lamps are extinguished and lamp AL on the frame and the associated guard lamp at the Floor Alarm Frame are lighted.

3.3 Momentarily operate key AR. Lamp AL and the associated guard lamp at the Floor Alarm Frame are extinguished. Replace fuse removed for test.

3.4 Repeat paragraphs 3.1 to 3.3 for fuse position PF1.

3.5 Insert an operated 1 1/3 amp fuse into an even numbered circuit fuse position. Observe that the major alarm sounds and lamp FA and associated aisle pilot lamps are lighted.

3.6 Remove the operated fuse and observe that the audible alarm is silenced, lamp FA and associated aisle pilot lamps are extinguished and that lamp AL and associated guard lamp on the Floor Alarm Frame are lighted.

3.7 Momentarily operate key AR. Lamp AL and associated guard lamp at the Floor Alarm Frame are extinguished. Replace fuse removed for test.

3.8 Repeat paragraphs 3.5 to 3.7 once on each row of even and odd numbered circuit fuses.

4. FRAME LINE

4.1 Make a continuity and cross test of the tip and sleeve leads of Jacks TEL (A&B) to associated TEL jack appearances or to Frame Line Circuit as required.

4.2 Insert the plug of an Operators Telephone Set (ITE-9650) into jacks TEL (A&B) and any multiple of frame line telephone jacks. Make a talking test of the circuit.

5. SPARE JACK

5.1 Make a continuity and cross test of the tip, ring and sleeve leads of jack B to associated B jacks and to the Main Distributing Frame.

6. TEST BATTERY SUPPLY

6.1 Using the ITE-4442 Volt-Ohmmeter or R-9572 Test Receiver, as required, verify the following:

6.11 -48V battery is present on 48V Test battery terminal and tip of jack A.

6.12 Direct ground is present on GRD terminal and sleeve of jack A.

6.13 High resistance ground (12000 ohms) is present on terminal HRG.

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