ES-60382-012

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CIRCUIT REQUIREMENTS

VOLTMETER TESTING AND CONNECTING CORD CIRCUIT (VM TST)

APPARATUS DESIG.	APPARATUS CODE	MECH. REQ. BSP FIG.	MECH. REQ. CONT. PRESS.	MECH. REQ. ARM. TRVL.	CIRCUIT PREPARATION SEQ. SW. POS.	CIRCUIT PREPARATION BLOCK	TEST CLIP DATA CONN. BAT.	TEST CLIP DATA CONN. GRD.	TEST SET PREP.	SEE TEST NOTE NO.	DIRECT CURRENT FLOW REQ. TEST WDG.	TEST FOR	AFTER SOAK AMP.	TEST AMP.	READJ. AMP.	REMARKS	CKT. ISS. NO. 14 15 16
RELAYS																	
FIG. I																	
RU2	G29	6		.030				3M(RU2)	GRD.	1/2	P	O	.038	.0024	.0022		
								3M(RU2)	GRD.	1/2/7	P	R	.038	.0003	.0003		
							1M(RU2)	4M(RU2)	B/G		S	O		.0027	.0025	OPERATE (TEL ON CORDS) KEY	
FIG. E																	
GR2	149-T	B						B(GR2)	GRD.			O		.0052	.0049	DISCONNECT WIRE TO B (GR2).	
								B(GR2)	GRD.			NO		.0039	.0041		
1R2	218-B USED WITH 266 CONN.BLK									5							
RC	B56	1		.030				2M(RC)	GRD.	3		O		.0011	.001	THIS RELAY IS A.C. CONTROLLED	
								2M(RC)	GRD.	3		R		.0003	.0003		
FIG. J																	
RU1	G29	6		.030				3M(RU1)	GRD.	1/2	P	O	.038	.0024	.0022		
								3M(RU1)	GRD.	1/2/7	P	R	.038	.0003	.0003		
							1M(RU1)	4M(RU1)	B/G		S	O		.0027	.0025	OPERATE (TEL ON HOLD) KEY	
FIG. K																	
RU1	G29	6		.030				3M(RU1)	GRD.	1/2/6	P	O	.038	.0024	.0022		
								3M(RU1)	GRD.	1/2/6/7	P	R	.038	.0003	.0003		
							1M(RU1)	4M(RU1)	B/G		S	O		.0027	.0025	OPERATE (TEL ON HOLD) KEY	

TEST NOTES:

1. DISCONNECT THE LEADS FROM 3M. OF RELAY UNDER TEST.
2. THE RELEASE TEST ON THE PRIMARY WINDING SHOULD BE MADE IMMEDIATELY AFTER THE SOAK, AND THE OPERATE TEST IMMEDIATELY AFTER THE RELEASE.
3. DISCONNECT LEAD FROM TERMINAL A(RC).
4. FOR THE (DIAL RIGHT) OPERATION, THE MAKE CONTACTS SHALL BOTH MAKE BEFORE EITHER OF THE BREAK CONTACTS BREAK.
5. THE 218-B RELAY SHALL BE MECHANICALLY ADJUSTED IN ACCORDANCE WITH BSP AND CHECKED ELECTRICALLY IN 546-A PANEL OR IN ADJUSTING CIRCUIT ES-60460-01.
6. CONNECT DIRECT BATTERY TO 2M(RU1).
7. NO MARGIN CAN BE SPECIFIED BETWEEN THE TEST AND READJUST RELEASE CURRENTS.

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APPARATUS DESIG.	APPARATUS CODE	MECH. REQ. BSP FIG.	MECH. REQ. CONT. PRESS.	MECH. REQ. ARM. TRVL.	CIRCUIT PREPARATION SEQ. SW. POS.	CIRCUIT PREPARATION BLOCK	TEST CLIP DATA CONN. BAT.	TEST CLIP DATA CONN. GRD.	TEST SET PREP.	SEE TEST NOTE NO.	DIRECT CURRENT FLOW REQ. TEST WDG.	TEST FOR	AFTER SOAK AMP.	TEST AMP.	READJ. AMP.	REMARKS	CKT. ISS. NO. 14 15 16
FIG. M,N,& P1																	
R	R1591	3/1	H	.020				RT(R)	GRD.			O		.011	.0056		
FIG. P																	
RR	R900	1/1	H	.015				RT(RR)	GRD.			O		.014	.013		
FIG. T1																	
IS	R1476	8/7	L	.020				RT(IS)	GRD.			O		.020	.0185		
IT	R7	8/8	H	.020				RT(IT)	GRD.			O		.038	.035		
OT	R7	8/8	H	.020				RT(OT)	GRD.			O		.038	.035		
OT1	E1553	1	H	.015				RT(OT1)	GRD.			O		.018	.013		
OW	E1065	24/21	H	.030				RT(OW)	GRD.			O		.050	.045		
TK	R1414	24/24	H	.025				RT(TK)	GRD.			O		.036	.0305		

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VOLTMETER TESTING AND
CONNECTING CORD CIRCUIT

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