

NOTE: DATA MARKED BY AN ASTERISK (*) ARE FOR INFORMATION ONLY. CONTRACTOR MAY, AT HIS OPTION, DEVIATE FROM THESE DETAILS

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
G11	(1) REVISED & REDRAWN (2) ADDED ITEM 64 (3) ITEM 58 WAS MS-35216-11 (4) ITEM 12 QTY WAS 3 (5) ADDED ITEM 2 (6), (7), (8), (9), (10), (11) SEE SH 2	12 FEB 1965	21582 PCE PME

TABLE II
BARE STRAP WIRE
SHOWN BY DOUBLE LINES

NO. 22 BARE STRAP WIRE, ITEM 53

FROM	TO	FROM	TO
7501	7501	XV509	CENTER POST
1	5	5	GND LUG
3	J518	6	TB501
4	S501	3	S501
5	J513	4	S501
XV501	XV501	5	S501
2	7	1	S502
3	CENTER POST	2	S502
4	GND LUG	3	S502
5	LS05	4	S502
7	STAND OFF	5	S502
XV502	XV502	6	FL504
2	7	6	S502
3	XV502	7	FL505
5	TS01	1	S503
XV503	XV503	2	S503
1	2	2	S503
2	7	4	S503
3	CENTER POST	5	S503
5	TS02	6	S503
XV504	XV504	7	S503
1	2	TB501	RS52
2	CS25	CS40	GND NEAR XV509
3	POST NEAR XV506	TS03	5
5	XV504	TS02	1
6	TS03	TS01	1
7	3	POST	NEAR XV503
CENTER POST	GND LUG		
XV505	XV505		
2	CENTER POST		
7	GND LUG		
CENTER POST	GND LUG		
XV506	XV506		
4	5		
5	GND LUG		
6	XV506		
7	CENTER POST		
8	TS03		
XV507	XV507		
1	2		
2	TB502		
3	XV507		
4	TB502		
5	XV507		
6	CENTER POST		
7	TB502		
8	CS31		
CENTER POST	GND LUG		
XV508	XV508		
1	POST		
3	XV508		
5	GND LUG		
7	STAND OFF		
XV509	XV509		
1	2		
3	4		
4	5		

NO. 20 BARE STRAP WIRE, ITEM 52

CS68	FL502
FL502	FL503
CS69	FL503
FL503	FL504
CS70	FL504
FL504	FL505
CS71	FL505
CS66	CS64
CS67	CS65
S502	FL502
4	FL503
8	FL504
S503	XV502
7	1
FL502	GND LUG
CS67	CS67
FL504	FL504
FL503	CS66
CS65	FL504
FL504	CS65
CS66	GND LUG
FL505	CS64

TABLE I
WIRE ROUTING TABLE

WIRE NO.	COLOR	FROM	TO	ITEM NO.
1	WHT	R523	R519	6
2	WHT, GRN	FL 505	S503-6	62
3	WHT, BLK	FL 503	S503-4	7
4	WHT, RED	FL 502	S503-3	61
5	WHT, ORN	FL 504	S503-8	5
6	WHT, BLU	FL 504	S503-5	8
7	WHT, BRN, GRN	XV504-7	STAND OFF	9
8	WHT, BLU	XV504-6	STAND OFF	8
9	WHT, BLK	XV 503-4	XV506-9	7
10	WHT, ORN	TS03-1	LS02	5
11	WHT, BLK	XRT 510-7	XV505-4	7
12	WHT, RED	XV501-6	STAND OFF	61
13	WHT, BLK	XV509-9	XV508-4	7
14	WHT, BRN, GRN	XV508-2	STAND OFF	9

- NOTES:
- 1.
 2. LIQUID STAKE SCREWS (58) WITH VARNISH (56) NO. 7526, AS SUPPLIED BY GENERAL ELECTRIC CORP., SCHENECTADY, N.Y. OR EQUAL.
 3. 1/4 HEX, 3/32 THICK, DOUBLE CHAMFER AS SUPPLIED BY PHEOLL MFG. CO., CHICAGO, ILL, OR EQUAL.
 4. TYPE S, DRAWN AND ANNEALED, TIN COATED.
 5. SHALL BE B-22 WITH NYLON JACKET.
 6. ALL SOFT SOLDER PER MIL-S-6872 USING ROSIN CORE SOLDER PER QQ-S-571, COMP SNGO.
 7. SYMBOL (⊖) INDICATES INSULATION (N).
 8. IN ALL SPLIT BALLOONS TOP FIGURE IS MATERIAL LIST ITEM INDICATOR & BOTTOM FIGURE IS QUANTITY.
 9. THESE RESISTORS TO BE SELECTED.

ITEM	REQD	PART NO.	DESCRIPTION	MATL	MATL SPEC	NOTES
64	1	SM-C-283226	CAPACITOR			
63	1	SM-C-283226	SOLDER, SOFT			
62	1	SM-E-249014	WIRE ELECT WHT, GRN		MIL-W-16878	
61	5	SM-E-249014	WIRE ELECT WHT, RED		MIL-W-16878	
60	1	SM-B-283239	CAPACITOR-FIXED			
59	1	RC20GE683K				
59	1	RC20GE563K				
59	1	RC20GE473K				
59	1	RC20GE393K				
58	2	MS35216-16	SCREW		MIL-R-11	
56	1	REGD	VARNISH-BLUE			
54	2	REGD	NUT 4-40NC 28		CRES	
53	1	REGD	WIRE NO. 22			
52	1	REGD	WIRE NO. 20		MIL-W-3861	
51	1	RC20GE223K				
50	1	RC20GE223K				
49	1	RC20GE223K				
48	1	RC20GE223K				
47	1	RC20GE222K				
46	1	RC20GE222K				
45	2	RC20GE222K				
44	1	RC20GE222K				
43	1	RC20GE222K				
42	1	RC20GE222K				
41	1	RC20GE222K				
40	1	RC20GE222K				
39	1	RC20GE222K				
38	1	RC20GE222K				
37	2	RC20GE222K				
36	1	RC20GE222K				
35	1	RC20GE222K				
34	1	RC20GE222K				
33	3	RC20GE222K				
32	5	RC20GE222K				
31	1	RC20GE222K				
30	1	RC20GE222K				
29	1	RC20GE222K				
28	1	RC20GE222K				
27	1	RC20GE222K				
26	1	RC20GE222K				
25	2	RC20GE222K				
24	1	RC20GE222K				
23	1	RC20GE222K				
22	1	RC20GE222K				
21	2	SM-C-283226	CAPACITOR-FIXED			
20	1	SM-C-283226	CAPACITOR-FIXED			
19	7	SM-B-283237				
18	11	SM-B-283227				
17	1	SM-B-283227				
16	1	SM-B-283227				
15	1	SM-B-283227				
14	3	SM-B-283227				
13	6	SM-B-283227				
12	2	SM-B-283227				
11	1	SM-B-283227				
10	1	SM-C-283226	CAPACITOR-FIXED			
9	1	SM-C-283226	CAPACITOR-FIXED			
8	1	SM-E-249014	WIRE ELECTRICAL WHT, GRN			
7	1	SM-E-249014	WIRE ELECTRICAL WHT, BLU			
6	1	SM-E-249014	WIRE ELECTRICAL WHT, BLK			
5	1	SM-E-249014	WIRE ELECTRICAL WHT, ORN		MIL-W-16878	
4	1	SM-C-249213	TUBING			
3	1	SM-D-248791	CABLE ASSY L.F.			
2	1	SM-C-249213	TUBING			
1	1	SM-C-178505	CHOKE			

UNLESS OTHERWISE SPECIFIED		DIMENSIONS ARE IN INCHES		TOLERANCES ON FRACTIONS DECIMALS ANGLES	
				±1/64 ±.005 ±.0	
SM-D-343620	SCD 248775	DRAWN BY	ECS	REVIEWED	PME
SM-D-248818	SCD 248775	APPROVED	HLT	DATE	1 MAR 66
NEXT ARMY USED ON		APPROVED BY	PME	SCALE	
APPLICATION		APPROVED BY		SCALE	

RECEIVER, RADIO R-390 A-URR WIRING ASSY IF SECTION

DEPARTMENT OF THE ARMY U.S. ARMY SIGNAL MATERIEL SUPPORT AGENCY

FORT MONMOUTH NEW JERSEY

SM-E-249014

CODE 80063 SHEET 1 OF 2

WHEN REFERRING TO THIS DRAWING STATE DRAWING NO., APPLICABLE ISSUE SYMBOL, IF ANY, AND DATE.

