

MATERIAL LIST

TO MODIFY FFR-3 COMMUNICATION RECEIVER TO SQUELCH OPERATION

NOTE: To manufacture complete Squelch Receiver use ML-FFR-3S (N. Y.)

- SECTION I: Electrical Components and Mechanical Parts
- SECTION II: Hardware
- SECTION III: Supporting Drawings
- SECTION IV: Loose Items, supplied with Unit

CHECKED: *L*

APPROVED: *hgy*

TYPED: May 9, 1963 hh

MODIFICATION FOR FFR-3 TO SQUELCH OPERATION

FFR-3 SQUELCH MOD.

BILL OF MATERIAL		MODEL	FFR-3	PROJ. NO.	LIST NO.
		ISSUE			SHEET 1 OF 3 SHEETS
PART NO.	QUAN. PER ONE EQUIP.	DESCRIPTION			REMARKS
		SECTION I: Electrical Components and Mechanical Parts			
CC-100-15	1	CAPACITOR: Fixed, ceramic, 0.005 uf, + 20%, 500 VDCW, disc type.			C125
CC-100-16	2	CAPACITOR: Fixed, ceramic, 0.01 uf, + 20%, 500 VDCW, disc type.			C159, C161
CC-100-32	1	CAPACITOR: Fixed, ceramic, 0.1 uf, 500 VDCW, disc type.			C160
MS-2645	1	PLATE: Squelch, FFR-FFR-3S Modification			LD-964
MS-10149	1	POTENTIOMETER: Mounting Bracket			
MWC22(7)UO	5"	WIRE: Electrical			
MWC22(7)UI	12"	WIRE: Electrical			
MWC22(7)U3	25"	WIRE: Electrical			
MWC22(7)U4	20"	WIRE: Electrical			
MWC22(7)U5	8"	WIRE: Electrical			
MWC22(7)U6	10"	WIRE: Electrical			
RC20GF105K	1	RESISTOR: Fixed, composition, 1 megohm, + 10%, 1/2 watt			R157
RC20GF124K	1	RESISTOR: Fixed, composition, 120,000 ohms, + 10%, 1/2 watt			R124 (Not needed for late models)
RC20GF225K	2	RESISTOR: Fixed, composition, 2.2 megohms, + 10%, 1/2 watt			R153, R160
RC20GF474K	1	RESISTOR: Fixed, composition, 470,000 ohms, + 10%, 1/2 watt			R158
RC30GF102K	1	RESISTOR: Fixed, composition, 1,000 ohms, + 10%, 1 watt			R156
RC30GF103J	1	RESISTOR: Fixed, comp., 10,000 ohms, + 5%, 1w.			R152
↑ APPLICABLE SPECIFICATIONS. LAST PAGE ↓				CHECKED	APPROVED

OTTAWA, ONTARIO

TMC(Canada)LIMITED

MODIFICATION FOR FFR-3 TO SQUELCH OPERATION

FFR-3 SQUELCH MOD.

BILL OF MATERIAL		MODEL	FFR-3	PROJ. NO.											LIST NO.	2 OF 3 SHEETS	
		ISSUE															
PART NO.	QUAN. PER ONE EQUIP.	DESCRIPTION										REMARKS					
RC30GF274K	1	RESISTOR: Fixed, composition, 270,000 ohms, +10%, 1 watt										R151					
RC30GF683K	1	RESISTOR: Fixed, composition, 68,000 ohms, +10%, 1 watt										R159					
RV4ATSA252A	1	RESISTOR: Variable, composition, 2,500 ohms, +10%, linear										R155					
TE-102-2	5	TERMINAL, TURRET															
TS-102-PO1	1	SOCKET: Tube, 7 pin, miniature.										XV110					
TS-102-UO2	1	TUBE SHIELD															
6AB4	1	TUBE: electron, 6AB4, miniature 7 pin										V110					
WL-100-6	5"	WIRE: buss															
<u>SECTION II: HARDWARE</u>																	
LWE04MRN	1	LOCKWASHER: External															
LWE06MRN	1	LOCKWASHER: External															
NT-101-4	1	NUT STRAP															
NT-129-632-4	1	NUT: Swage															
SCBP0440BN3	7	SCREW: machine															
SCBP0632BN4	1	SCREW: machine															
SCFP0632BN4	2	SCREW: machine															
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FFR-3 SQUELCH MOD.

BILL OF MATERIAL

MODEL	FFR-3	PROJ. NO.	LIST NO.
ISSUE			SHEET 3 OF 3 SHEETS

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PART NO.	QUAN. PER ONE EQUIP.	DESCRIPTION	REMARKS
		<u>SECTION III: SUPPORTING DRAWINGS</u>	
CK-10095		Schematic Diagram (Mod. to Sub-Assembly)	
LD-964		Engraving, Squelch Plate	MS-2645
S-10008		Modification for Squelch Operation	
S-10073		Squelch Modification Instructions ( FFR )	

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