

section 3

operation

3.1 GENERAL

The 242F-9C VHF/UHF Transmitter is a 50-watt, crystal-controlled transmitter designed for ground-to-air communication. The 242F-9C is rated for continuous duty and may be operated under local or remote conditions.

During either local or remote operation, the POWER and PLATE switches must be turned on at the equipment. The keying of the 242F-9C may then be controlled with either a push-to-talk microphone, the key selector switch, or a keying switch at the remote position.

3.2 OPERATING CONTROLS AND INDICATORS

A list of the 242F-9C operating controls and indicators and their functions is shown in table 3-1.

Figure 3-1 shows the location of the front panel controls and indicators. The remaining controls are located on the internal circuit panel.

3.3 OPERATING PROCEDURES

The following procedures should be used for the operation of the 242F-9C.

Caution

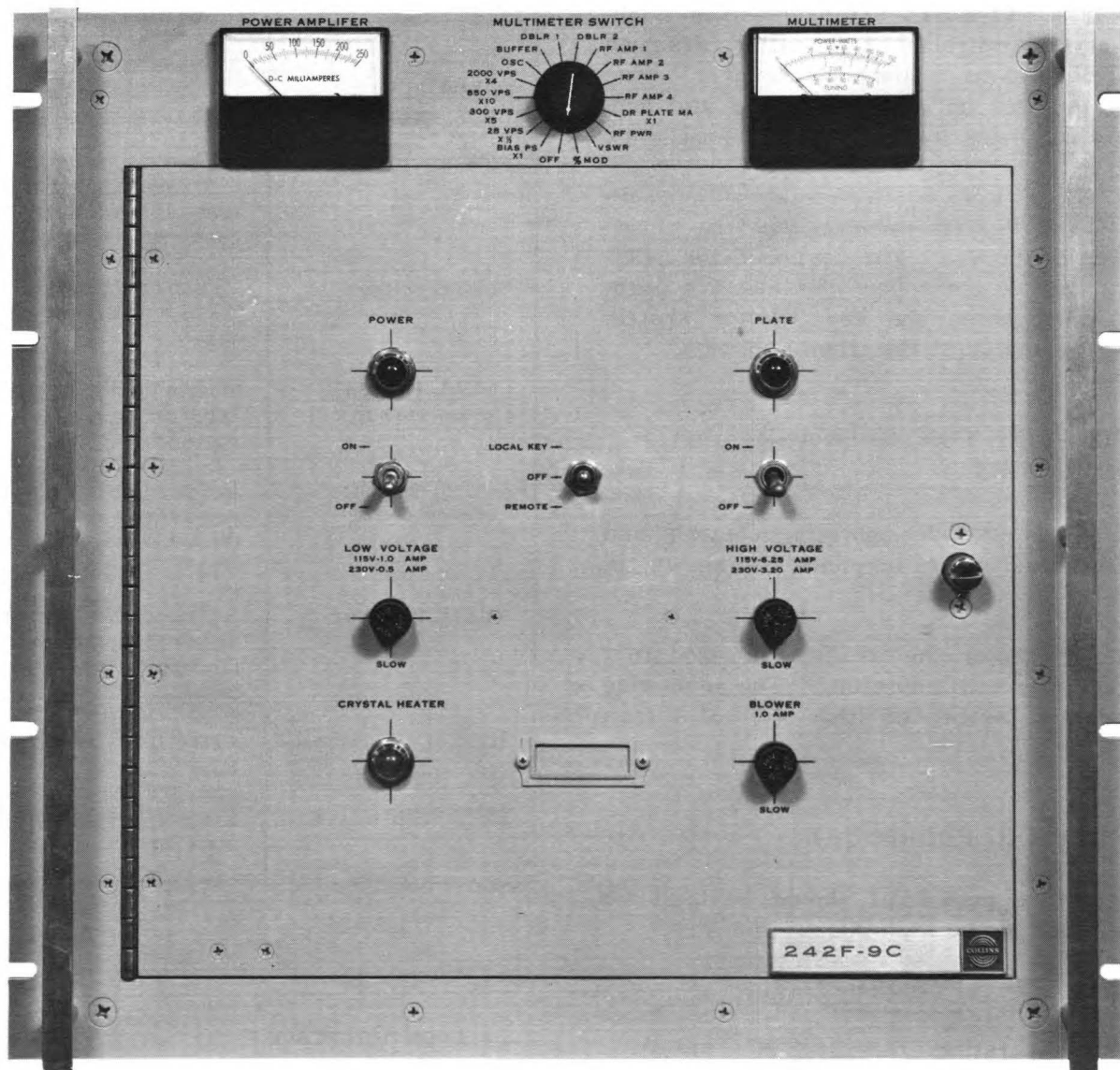
Before operating the 242F-9C, ensure that all connections are secure and that the initial tuning and adjustment procedures prescribed in paragraph 2.7 of this manual have been performed.

Table 3-1. Operating Controls and Indicators and Their Functions.

CONTROLS/ INDICATORS	FUNCTION
POWER switch	Controls the power to the filaments, crystal oven, and low-voltage power supply circuits.
PLATE switch	Controls the power to the high-voltage power supply.
LOCAL-REMOTE key selector switch	Selects the keying mode for local or remote operation.
POWER indicator	Indicates when primary ac power is applied to the low-voltage power supply.
PLATE indicator	Indicates when primary ac power is applied to the high-voltage power supply.
AUDIO GAIN control	Controls the audio input level.
MIKE GAIN control	Controls the microphone input level.

3.3.1 Local Operation

- Position key selector switch to OFF.
- Position POWER switch to ON.
- Position PLATE switch to ON.

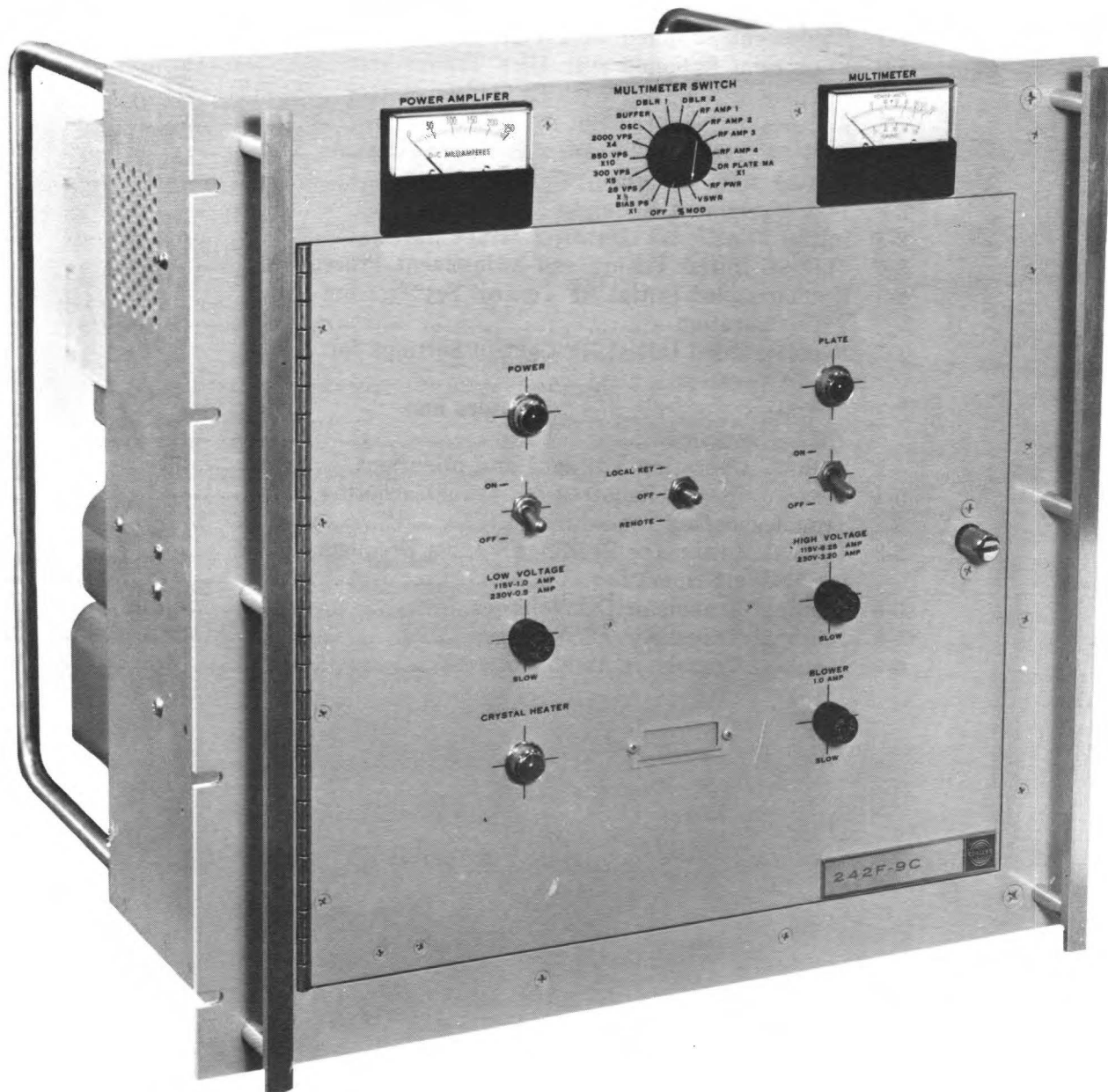


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Figure 3-1. 242F-9C VHF/UHF Transmitter, Location of Operating Controls and Indicators.

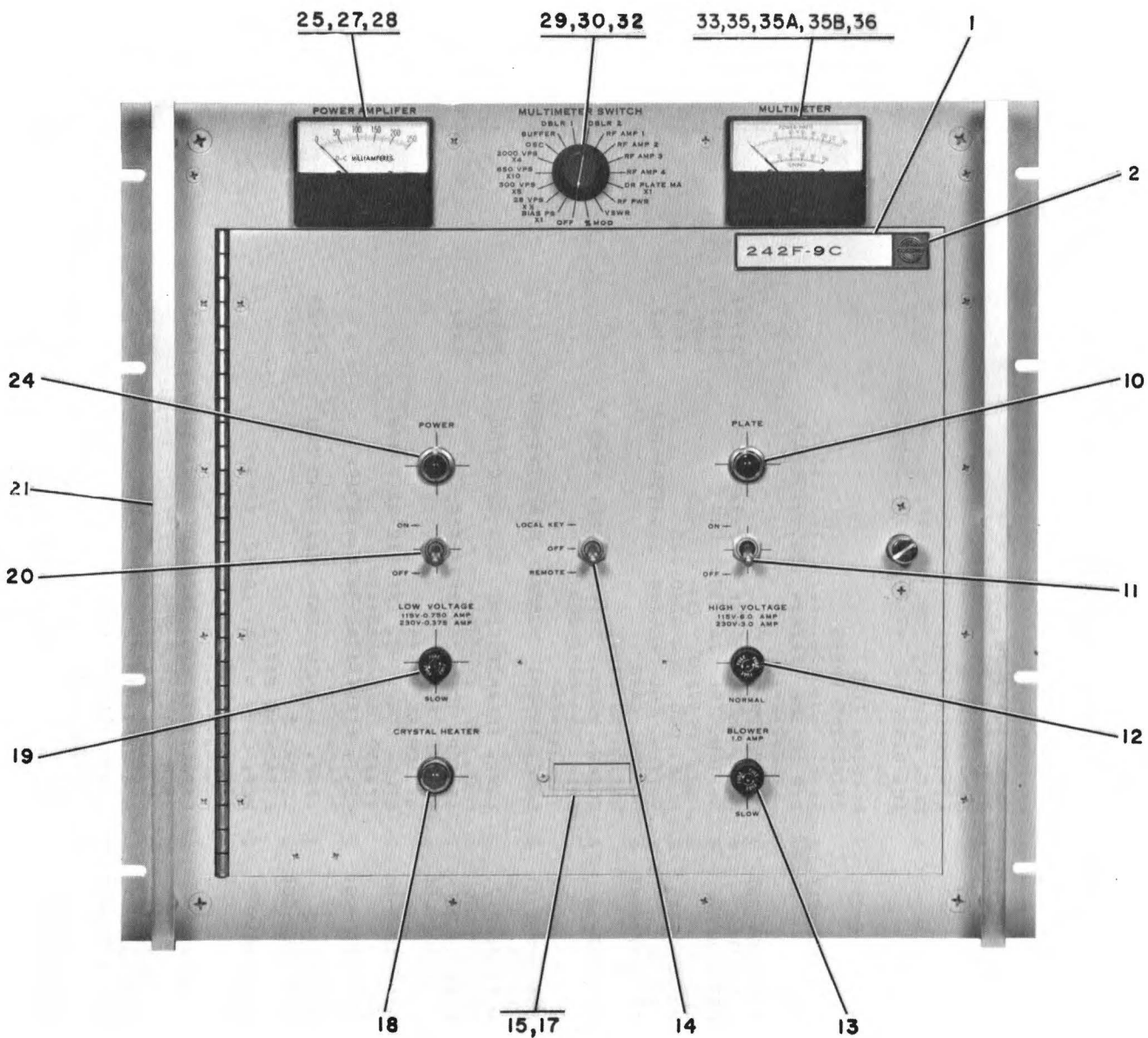
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Figure 1-1. 242F-9C VHF/UHF Transmitter.



GROUP ASSEMBLY PARTS LIST

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Figure 6-1. 242F-9C Radio Transmitter (Sheet 1 of 7)

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GROUP ASSEMBLY PARTS LIST

FIG. - ITEM	PART NO.	INDENT.	NOMENCLATURE	UNITS PER ASSY.	USAGE CODE
6- 1 - 0	522-4646-001	1	242F-9C RADIO TRANSMITTER	1	A
- 0	522-4646-002	1	242F-9C RADIO TRANSMITTER	1	B
1	757-6963-001	2	PLATE, DESIGNATION	1	
2	763-3180-001	2	HCLDER, IDENT PL	1	
- 3		1	DELETED		
4	767-6021-001	2	COVER ASSY, DR	1	
5	15S1-1-1AC	3	STUD ASSY, PB V71286 012-3350-000 ATTACHING PARTS	1	
- 6	15S11-2AE	3	NUT, PUSH ON, CAD. PL STL, 0.295 ID, 0.520 OD V71286 012-3366-000 -----*	1	
7	763-1598-001	3	HCLDER, TOOL ATTACHING PARTS	1	
- 8	R4012X1-8PLA IN	3	RIVET, TUBULAR, AL, 0.123 DIA X 1/8 LG SHK V12014 305-0189-000 -----*	2	
9	763-1469-001	3	COVER, DR	1	
10	MS15571-2	2	LAMP, INCANDESCENT 262-3240-000 DS402	1	
11	MS35058-22	2	SWITCH, TGL 266-3005-000 S403	1	
12	3136-25	2	FUSE, CTG V71400 264-0219-000 F401	1	
13	F02B250V1AS	2	FUSE, CTG 264-4280-000 F403	1	
14	83244A	2	SWITCH, TGL V04009 266-5394-010 S402	1	
15	757-6977-001	2	HCLDER, CARD ATTACHING PARTS	1	
- 16	MS51957-12	2	SCREW, MACH., SST, PAN HD, 4-40 X 3/16 343-0132-000 -----*	2	
17	690 5-8X1 11 -16WHT	2	CARD, INSERT V25828 015-2963-020	1	
18	MS15571-2	2	LAMP, INCANDESCENT 262-3240-000 DS401	1	
19	F02B250V1AS	2	FUSE, CTG 264-4280-000 F402	1	
20	MS35059-22	2	SWITCH, TGL 266-3088-000 S401	1	
21	757-6983-001	2	HANDLE, PNL ATTACHING PARTS	2	
- 22	P312-0113-00 0	2	STUD, CONT THD, SST, 10-32 X 5/8 V77250 312-0113-000	3	
- 23	757-6982-001	2	POST, ELECTRICAL-MECH. EQUIP. -----*	3	
24	MS15571-2	2	LAMP, INCANDESCENT 262-3240-000 DS403	1	
25	763-1550-001	2	COVER, M ATTACHING PARTS	1	
- 26	NC1032NAT	2	NUT, CAP, NYLON, 10-32 V95987 334-2721-070 -----*	2	
27	CK60AW102M	2	CAPACITOR, FXD, 1000 UUF 20%, 1000 VDCW 913-1186-000 C415	1	
R 28	50-157-111 CYCY1JBA	2	AMMETER, DC V97424 458-0807-010 M401	1	
29	763-1553-001	2	COVER, ELECTRICAL SW ATTACHING PARTS	1	
- 29A	541-6004-002	2	SPACER, SLV	2	
- 29B	310-0045-000	2	WASHER, FLAT, SST, 0.125ID, 0.312 OD/COML/	2	
- 29C	MS35338-136	2	WASHER, LOCK, SST, 0.141ID, 0.253 OD 310-0282-000 -----*	2	



Figure 6-1. 242F-9C Radio Transmitter (Sheet 2 of 7)

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GROUP ASSEMBLY PARTS LIST

FIG. - ITEM	PART NO.	INDENT.	NOMENCLATURE	UNITS PER ASSY.	USAGE CODE
6- 1 30	757-0229-014	2	KNOB ASSY, RD, BLK, SKIRTED	1	
- 31	MS51963-33	2	ATTACHING PARTS SETSCREW, CAD. PL STL, 8-32 X 1/8 328-5042-000 -----*-----	1	
32	260058LK3	2	SWITCH, RD., V76854 259-2569-010 S409	1	
33	763-1550-001	2	COVER, M	1	
- 34	NC1032NAT	2	ATTACHING PARTS NUT, CAP, NYLON, 10-32 V95987 334-2721-070 -----*-----	2	
35	CK60AW102M	2	CAPACITOR, FXD, 1000 UUF 20%, 1000 C416	1	
R 35A	1N2612	2	VDCW 913-1186-000	1	
R 35B	3189	2	SEMICONV DEVICE 353-1907-000 CR413 EFF MCN 161 SB 1	3	
R 36	50-157111K DKD1JAX	2	TERMINAL, LUG V00779 304-0245-000 EFF MCN 161 SB 1	1	
37	44-1-10-1	2	AMMETER, DC V97424 M402 476-0443-010	1	
- 38	MS51959-15	2	FASTENER, PNL V94222 015-1026-000 ATTACHING PARTS SCREW, MACH., CRES, FH, 4-40 X 3/8 342-0046-000 -----*-----	2	
39	55410-111-30	2	LIGHT, IND V72619 262-9001-020 XDS402	1	
40	RN65D1C04F	2	RESISTOR, FXD, 1 MEG 1%, 1/2 W R431 705-7240-000	1	
R 41	RN65D8660F	2	RESISTOR, FXD, 866 OHMS 1%, 1/2 W R432 705-7093-000 EFF THRU MCN 160 SB 1	1	
R 41	RN65D3163F	2	RESISTOR, FXD, 316,000 OHMS 1%, 1/2 W 705-7216-000 R432	1	
42	RN65D1472F	2	EFF MCN 161 SB 1	1	
43	RN65D6812F	2	RESISTOR, FXD, 14,700 OHMS 1%, 1/2 W R433 705-7152-000	1	
44	RN65D9092F	2	RESISTOR, FXD, 68,100 OHMS 1%, 1/2 W R434 705-7184-000	1	
45	55410-112-30	2	RESISTOR, FXD, 90,900 OHMS 1%, 1/2 W R435 705-7190-000	1	
46	HKPH	2	LIGHT, IND V72619 262-9001-000 XDS403	1	
47	55410-113-30	2	FUSEHOLDER V71400 265-1171-000 XF402	1	
1		2	LIGHT, IND V72619 262-9001-010 XDS401	1	
48	HKPH	2	FUSEHOLDER V71400 265-1171-000 XF403	1	
49	HKPH	2	FUSEHOLDER V71400 265-1171-000 XF401	1	
50	761-8267-001	2	BRACKET, COV, PRSD	1	
- 51	MS51959-15	2	ATTACHING PARTS SCREW, MACH., CRES, FH, 4-40 X 3/8 342-0046-000 -----*-----	2	
52	F22NCFMA2-40	3	NUT, SELF-LKG, CLINCH, CAD. PL STL, 4-40 V72962 333-0840-000	2	
53	15R1-1AC	3	RECEPTACLE, PB V71286 012-3365-000	1	
- 54	15R10-1AC	3	ATTACHING PARTS NUT, PLAIN, HEX., CAD. PL STL, 15/32-32 V71286 012-3367-000 -----*-----	1	
55	757-6990-001	3	BRACKET, COV	1	
56	761-8255-001	2	SUPPORT, DR, PRSD	1	
57	757-4034-001	3	WASHER, FLAT, CRES, 0.093 ID, 0.375 OD /COML/	1	
58	61-972RH	3	SUPPORT, LID V42689 015-0025-000	1	

GROUP ASSEMBLY PARTS LIST

FIG. - ITEM	PART NO.	INDENT.	NOMENCLATURE	UNITS PER ASSY.	USAGE CODE
6- 1 59	763-1737-001	3	POST, SPL ATTACHING PARTS	1	
- 60	MS21044D06	3	NUT, SELF-LKG, HEX., ANOD AL, 6-32 333-0368-000	2	
- 61	MS51959-30	3	SCREW, MACH., CRES, FH, 6-32 X 1/2 342-0064-000 -----*-----	2	
62	763-1706-001	2	SPRING, LATCH ATTACHING PARTS	1	
- 63	MS21044D06	2	NUT, SELF-LKG, HEX., ANOD AL, 6-32 333-0368-000	2	
- 64	MS51959-30	2	SCREW, MACH., CRES, FH, 6-32 X 1/2 342-0064-000 -----*-----	2	
65	015-2983-010	2	HINGE, BUTT ATTACHING PARTS	1	
- 66	68NM82	2	NUT, SELF-LKG, HEX., ANOD AL, 8-32 V72962 33-0381-000	4	
- 67	310-0048-000	2	WASHER, FLAT, CRES, 0.172 ID, 0.437 OD /CCML/	4	
- 68	MS51959-45	2	SCREW, MACH., CRES, FH, 8-32 X 1/2 342-0080-000	4	
- 69	68NM82	2	NUT, SELF-LKG, HEX., ANOD AL, 8-32 V72962 333-0381-000	4	
- 70	310-0048-002	2	WASHER, FLAT, CRES, 0.172 ID, 0.437 OD /COML/	4	
- 71	MS35216-41	2	SCREW, MACH., CRES, PAN HD, 8-32 X 7/16 343-0188-000 -----*-----	4	
72	HP7N	2	CLAMP, LOOP V09922 150-1544-00	2	
73	757-6984-001	2	PANEL, DR	1	
74	757-6985-001	2	PANEL, FR ATTACHING PARTS	1	
- 75	757-6978-002	2	SCREW, MACH.	14	
- 76		2	DELETED -----*-----		
R 76A	791-0688-001	2	PLATE, DESIGNATION-UNIT, MOD. ATTACHING PARTS	1	
R - 76B	68-1660-26	2	NUT, SELF-LKG, HEX., ANOD AL, 2-56 V72962 333-0604-000	2	
R - 76C	MS51957-3	2	SCREW, MACH., SST, PAN HD, 2-56 X 1/4 343-0124-000 -----*-----	2	
77	767-6034-001	2	COVER ASSY, HV	1	
78	15S1-1-1AC	3	STUD ASSY, PB V71286 012-3350-000	3	
- 79	15S11-2AE	3	ATTACHING PARTS NUT, PUSH ON, CAD. PL STL, 0.295 ID, 0.520 OD V71286 012-3366-000 -----*-----	1	
80	763-1683-001	3	PLATE, STIFF., CVR, HV	1	
81	763-1470-001	2	COVER, HV	1	
82	761-8263-001	2	TRANSMITTER MCDULATR SUBASSY SEE FIG. 6-2-0 ATTACHING PARTS	1	
- 83	763-1707-001	2	PIN, GROOVED, HDLS, CRES, 0.125 DIA X 3-59/64 LG	1	

GROUP ASSEMBLY PARTS LIST

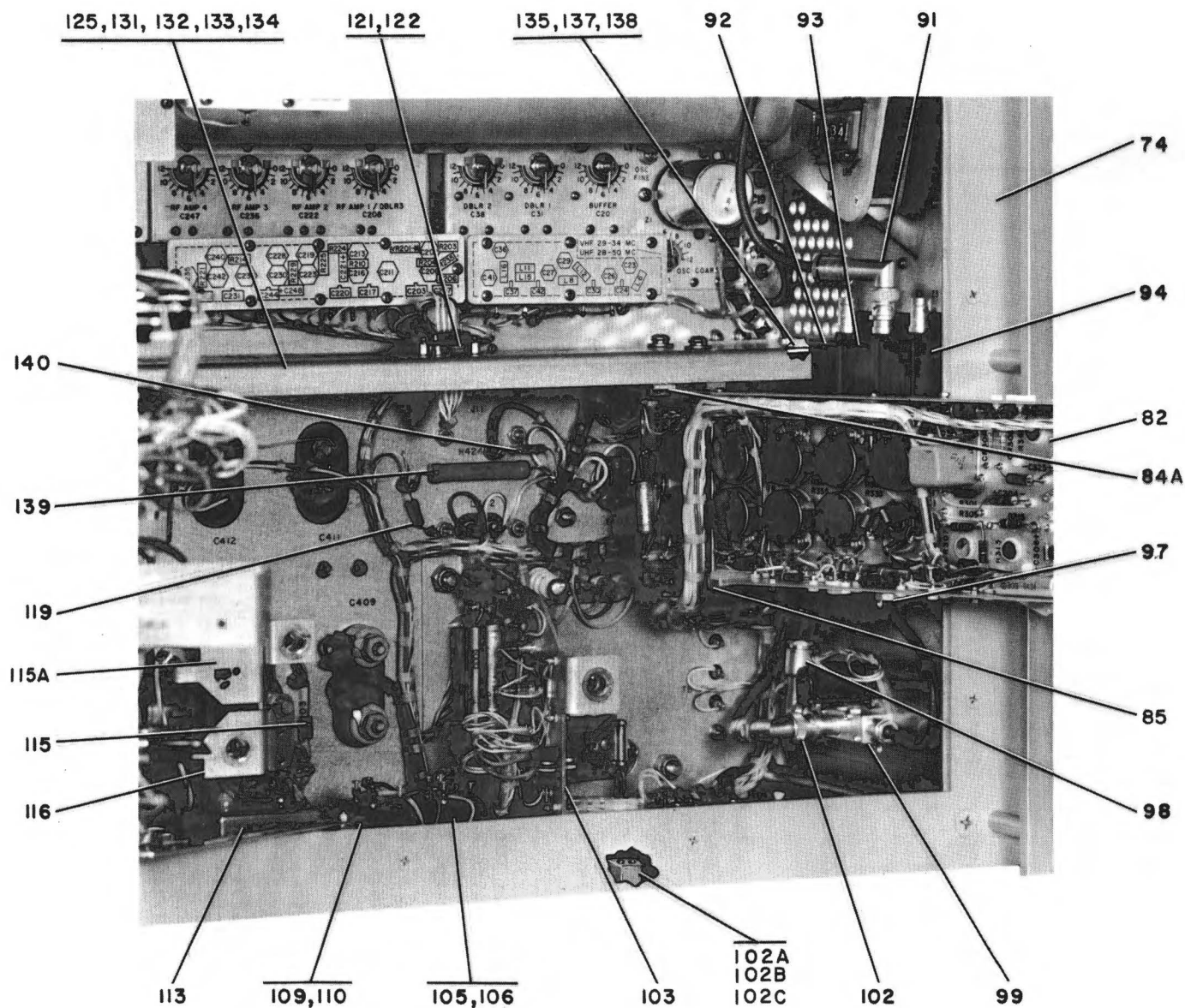


Figure 6-1. 242F-9C Radio Transmitter (Sheet 3 of 7)

GROUP ASSEMBLY PARTS LIST

FIG. - ITEM	PART NO.	INDENT.	NOMENCLATURE	UNITS PER ASSY.	USAGE CODE
6- 1 - 84	MS16633-1012	2	RING, RET. 340-0087-000 -----*	2	
84A	772-6706-001	2	BRACKET, STOP ATTACHING PARTS	1	
84B	MS51957-15	2	SCREW, MACH., SST, 4-40 x 3/8 343-0135-000	2	
84C	MS35338-135	2	WASHER, LOCK, SST, 0.115 ID, 0.212 OD 310-0279-000 -----*	2	
85	757-6981-001	2	BRACKET, PIVOT ATTACHING PARTS	1	
- 86	MS35699-64	2	NUT, PLAIN, HEX., CRES, 6-32 313-0002-000	2	
- 87	MS35337-79	2	WASHER, LOCK, CRES, 0.151 ID, 0.239 OD 310-0071-000 -----*	2	
88	540-9478-003	2	POST, ELECTRICAL-MECH EQUIP. ATTACHING PARTS	1	
- 89	MS51957-28	2	SCREW, MACH., CRES, PAN HD, 6-32 X 3/8 343-0169-000	1	
- 90	MS35216-49	2	SCREW, MACH., CRES, PAN HD, 8-32 X 1-3/4 343-0197-000	1	
- 90A	310-0071-000	2	WASHER, LOCK, SST, 0.151 ID, 0.239 OD/COML/	2	
- 90B	MS35649-264	2	NUT, PLAIN, HEX., SST, 6-32 313-0002-000 -----*	2	
91	MS35367-913A	2	CONNECTOR, PLUG 357-9169-000	1	
92	5448A	2	FILTER, LP V70998 241-0554-020	1	B
93	5447A	2	FILTER, LP V70998 241-0553-020	1	B
94	5451A	2	FILTER, LP V70998 241-0552-020 ATTACHING PARTS FOR 92 THRU 94	1	A
- 95	MS21044D04	2	NUT, SELF-LKG, HEX., ANOD AL, 4-40 333-0347-000	4	
- 96	MS51957-14	2	SCREW, MACH., SST, PAN HD, 4-40 X 5/16 343-0134-000 -----*	4	
97	MS35367-913A	2	CONNECTOR, PLUG 357-9169-000	1	
98	MS35367-913A	2	CONNECTOR, PLUG 357-9169-000	1	
99	DK156-48	2	SWITCH, RF XMSN LINE V00471 410-0455-020 ATTACHING PARTS	1	
-100	MS21044D06	2	NUT, SELF-LKG, HEX., ANOD AL, 6-32 333-0368-000	2	
-101	MS51959-30	2	SCREW, MACH., CRES, FH, 6-32 X 1/2 342-0064-000 -----*	2	
102	MS35367-913A	2	CONNECTOR, PLUG 357-9169-000	1	
R 102A	549-2453-002	2	ARRESTOR, ELECTRICAL SURGE EFF MCN 285 SB 2	1	
R 102B	633	2	DISCHARGER, ELECTROSTATIC V77554 975-0010-000 EFF MCN 285 SB 2	1	
R 102C	495L	2	DISCHARGER, ELECTROSTATIC V77554 975-0011-000 EFF MCN 285 SB 2 ATTACHING PARTS FOR 102A THRU 102C	1	
R - 102D	MS35649-264	2	NUT, PLAIN, HEX., SST, 6-32 313-0002-000 EFF MCN 285 SB 2	2	

GROUP ASSEMBLY PARTS LIST

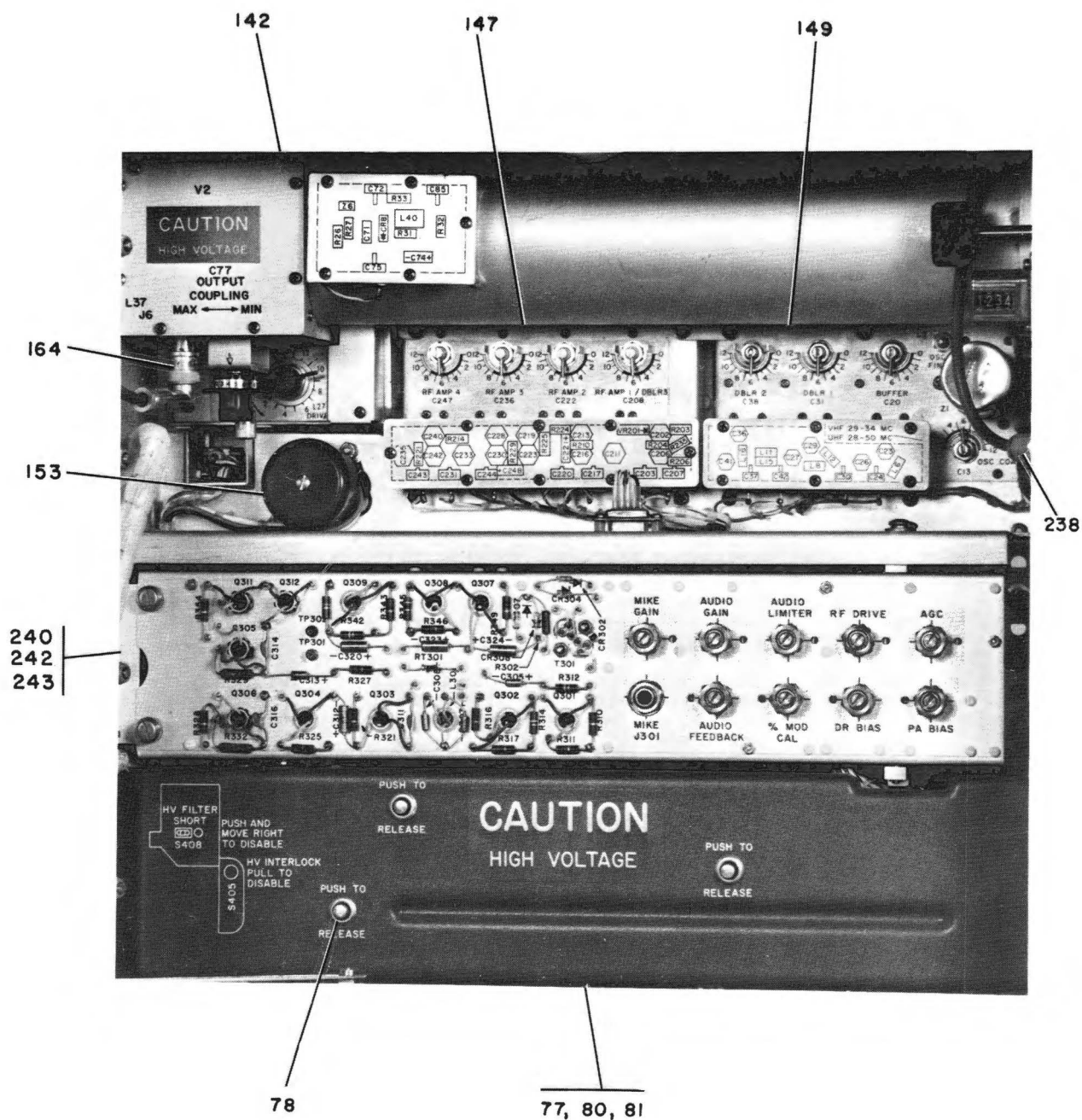


Figure 6-1. 242F-9C Radio Transmitter (Sheet 4 of 7)

GROUP ASSEMBLY PARTS LIST

FIG. - ITEM	PART NO.	INDENT.	NOMENCLATURE	UNITS PER ASSY.	USAGE CODE
R 6-1 102E	MS35338-136	2	WASHER, LOCK, SST, 0.141 ID, 0.253 OD 310-0282-000 EFF MCN 285 SB 2	2	
R - 102F	310-6360-000	2	WASHER, FLAT, SST, 0.147 ID, 0.375 OD/COML/ EFF MCN 285 SB 2	2	
R - 102G	MS51959-34	2	SCREW, MACH., SST, FH, 6-32 X 1 342-0069-000 EFF MCN 285 SB 2 -----*-----	2	
103	761-8266-001	2	ELECTRICAL COMPONENT BRACKET SEE FIG. 6-3-0 ATTACHING PARTS	1	
-104	68NE040	2	NUT, SELF-LKG, HEX., ANOD AL, 1/4-20 V72962 333-0430-000 -----*-----	2	
105	4JA723EX40	2	SEMICOND DEVICE SET V09214 CR410 353-6470-020	1	
106	763-1552-001	2	BRACKET, BRDG ATTACHING PARTS FOR 105 AND 106	1	
-107	MS51957-13	2	SCREW, MACH., SST, PAN HD, 4-40 X 1/4 343-0133-000	2	
-108	MS21044D04	2	NUT, SELF-LKG, HEX., ANOD AL, 4-40 333-0347-000 -----*-----	2	
109	4JA723EX39	2	SEMICOND DEVICE SET V09214 CR409 353-6470-010	1	
110	763-1552-001	2	BRACKET, BRDG ATTACHING PARTS FOR 109 AND 110	1	
-111	MS51957-13	2	SCREW, MACH., SST, PAN HD, 4-40 X 1/4 343-0133-000	2	
-112	MS21044D04	2	NUT, SELF-LKG, HEX., ANOD AL, 4-40 333-0347-000 -----*-----	2	
113	CP54B1FF105K 1	2	CAPACITOR, FXD, 1 UF 10%, 600 VDCW C401 961-5690-000 ATTACHING PARTS	1	
-114	MS21044D04	2	NUT, SELF-LKG, HEX., ANOD AL, 4-40 333-0347-000 -----*-----	2	
115	RC20GF100K	2	RESISTOR, FXD, 10 OHMS 10%, 1/2 W R403 745-1268-000	1	
115A	NO NUMBER	2	SWITCH S408	1	
- 115B	MS16562-190	3	PIN SPG, 0.062 DIA X 1/4 LG 311-0417-000	2	
- 115C	5X1012	3	FORM V71590 190-0036-000	1	

GROUP ASSEMBLY PARTS LIST

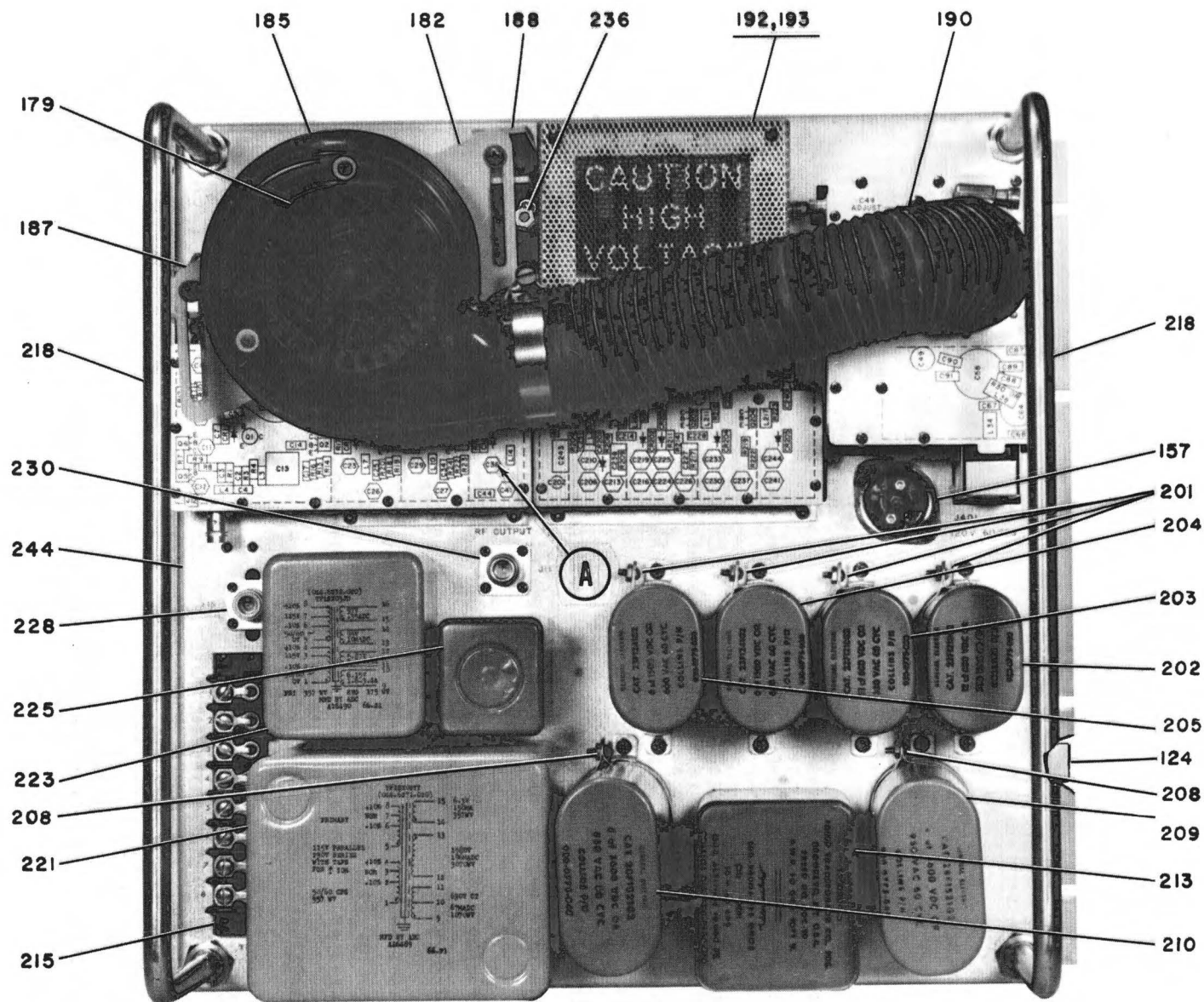
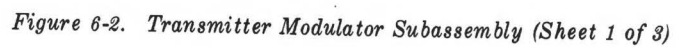


Figure 6-1. 242F-9C Radio Transmitter (Sheet 6 of 7)

GROUP ASSEMBLY PARTS LIST

FIG. - ITEM	PART NO.	INDENT.	NOMENCLATURE	UNITS PER ASSY.	USAGE CODE
R 6- 1	167	RC20GF102K	2 RESISTOR, FXD, 1000 OHMS 10%, 1/2 W 745-1352-000	R35	1
	168	4162M	2 COUPLER, DIRECTIONAL V70998 277-0307-010	Z2	1
	-169	MS21044D04	2 NUT, SELF-LKG, HEX., ANOD AL, 4-40 333-0347-000		4
	-170	MS51957-13	2 SCREW, MACH., SST, PAN HD, 4-40 X 1/4 343-0133-000		4
	171	4-140	2 TERMINAL BOARD V71785 367-0002-000	TB402	1
	-172	P313-0045-00	2 NUT, PLAIN, HEX., CRES, 6-32 V77250 313-0045-000		4
	-173	MS35338-79	2 WASHER, LOCK, CRES, 0.141 ID, 0.253 OD 310-0282-000		4
	-174	310-0046-000	2 WASHER, FLAT, CRES, 0.147 ID, 0.312 OD /COML/		4
	-175	MS51959-32	2 SCREW, MACH., CRES, FH, 6-32 X 1/2 342-0064-000		4
	176	763-1460-000	2 LEAD, ELECTRICAL		2
	177	RC32GF681K	2 RESISTOR, FXD, 680 OHMS 10%, 1 W 745-3345-000	R426	1
	178	RC42GF472K	2 RESISTOR, FXD, 4700 OHMS 10%, 2 W 745-5680-000	R427	1
	179	009-3009-000	2 SCREEN		1
	-180	330-0033-000	2 SCREW, SELF-TAP., PARKERIZED STL, BIND. HD, 6 X 1/4 /COML/		3
	-181	310-0447-000	2 WASHER, FLAT, CRES, 0.147 ID, 0.437 OD /COML/		3
	182	763-1568-001	2 BRACKET, FAN		1
	-183	MS35216-44	2 SCREW, MACH., CRES, PAN HD, 8-32 X 3/4 343-0191-000		2
	-184	310-0048-000	2 WASHER, FLAT, CRES, 0.172 ID, 0.437 OD /COML/		2
R	185	AK2H01AX	2 FAN, CENT. V50133 009-1781-010	B401	1
	-186	MS35216-42	2 SCREW, MACH., CRES, PAN HD, 8-32 X 1/2 343-0189-000		3
	187	767-6031-001	2 BRACKET, FAN, NO. 1, PRSD		1
	188	767-6032-001	2 BRACKET, FAN, NO. 2, PRSD		1
	-189	MS35216-42	2 SCREW, MACH., CRES, PAN HD, 8-32 X 1/2 343-0189-000		3
	190	009-1804-010	2 HCSE, RUB.		1
	-191	QS200M32S	2 CLAMP, HOSE V08484 013-0994-000		2

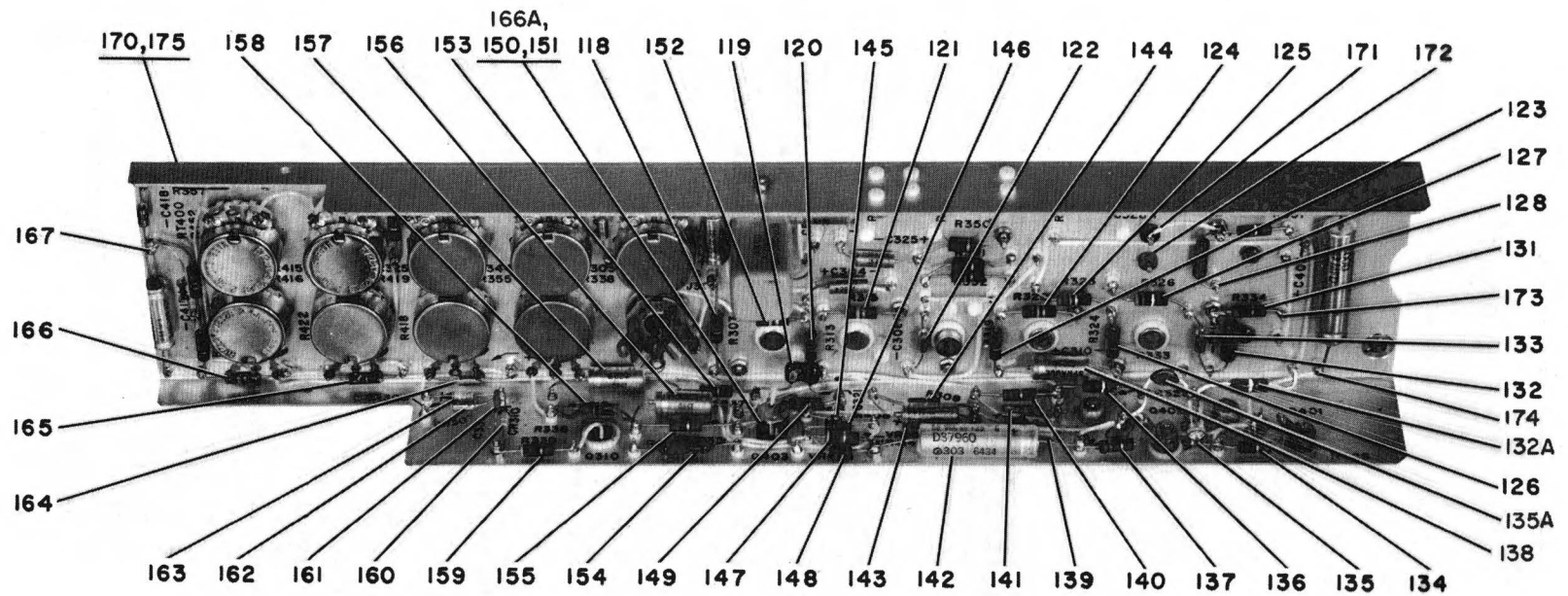
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GROUP ASSEMBLY PARTS LIST

FIG. - ITEM	PART NO.	INDENT.	NOMENCLATURE	UNITS PER ASSY.	USAGE CODE
6- 2	12 RC20GF682K	2	RESISTOR, FXD, 6800 OHMS 10%, 1/2 W 745-1387-000	R343	1
	13 RC20GF392K	2	RESISTOR, FXD, 3900 OHMS 10%, 1/2 W 745-1377-000	R345	1
	14 T1532	2	HOLDER, TSTR V98291 352-9508-000		1
	15 2N1711	2	TRANSISTOR 352-0400-000	Q308	1
	16 RC20GF271K	2	RESISTOR, FXD, 270 OHMS 10%, 1/2 W 745-1328-000	R346	1
	17 150D156X0035 R2	2	CAPACITOR, FXD, 15 UF 20%, 35 VDCW V56289 184-7414-000	C323	1
	18 T1532	2	HOLDER, TSTR V98291 352-9508-000		1
	19 2N1711	2	TRANSISTOR 352-0400-000	Q307	1
	20 RC20GF100K	2	RESISTOR, FXD, 10 OHMS 10%, 1/2 W 745-1268-000	R349	1
	21 1N457	2	SEMICONV DEVICE 353-0204-000	CR307	1
	22 150D156X0020 B2	2	CAPACITOR, FXD, 15 UF 20%, 20 VDCW V56289 184-7371-000	C324	1
	23 1N457	2	SEMICONV DEVICE 353-0204-000	CR308	1
	24 1N457	2	SEMICONV DEVICE 353-0204-000	CR302	1
	25 1N457	2	SEMICONV DEVICE 353-0204-000	CR304	1
	26 RN65D4640F	2	RESISTOR, FXD, 464 OHMS 1%, 1/2 W 705-7080-000	R302	1
	27 RV2LAYS A501A	2	RESISTOR, VAR., 500 OHMS 10%, 1 W 380-3770-010	R306	1
	28 RV2LAYS A501A	2	RESISTOR, VAR., 500 OHMS 10%, 1 W 380-3770-010	R303	1
	29 RV2LAYS A103B	2	RESISTOR, VAR, 10,000 OHMS 20%, 1 W 380-2607-000	R344	1
	30 RV2LAYS A252B	2	RESISTOR, VAR, 2500 OHMS 20%, 1 W 380-2605-000	R358	1
	31 RV2LAYS A252B	2	RESISTOR, VAR, 2500 OHMS 20%, 1 W 380-2605-000	R415	1
	32 RV2LAYS A252B	2	RESISTOR, VAR, 2500 OHMS 20%, 1 W 380-2605-000	R416	1
	33 RV2LAYS A502B	2	RESISTOR, VAR, 5000 OHMS 20%, 1 W 380-2606-000	R419	1
	34 RV2LAYS A103B	2	RESISTOR, VAR, 10,000 OHMS 20%, 1 W 380-2607-000	R355	1
	35 RV2LAYS A103B	2	RESISTOR, VAR, 10,000 OHMS 20%, 1 W 380-2607-000	R338	1
- 36	P334-4120-00 0	2	ATTACHING PARTS FOR 27 THRU 35 NUT, PLAIN, HEX., SST, 3/8-32 V77250 334-4120-000		9
- 36A	1720-2	2	WASHER, LOCK, SST, 0.391 ID, 0.507 OD V78189 373-0085-000		9
			-----*-----		
	37 JJ033	2	JACK, TEL 358-1050-000	J301	1
			ATTACHING PARTS		
- 37A	1720-2	2	WASHER, LOCK, SST, 0.391 ID, 0.507 OD V78189 373-0085-000		1
			-----*-----		
	38 RC20GF562K	2	RESISTOR, FXD, 5600 OHMS 10%, 1/2 W 745-1384-000	R310	1
	39 RC20GF103K	2	RESISTOR, FXD, 10,000 OHMS 10%, 1/2 W 745-1394-000	R312	1



GROUP ASSEMBLY PARTS LIST

Figure 6-2. Transmitter Modulator Subassembly (Sheet 3 of 3)

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parts list

GROUP ASSEMBLY PARTS LIST

FIG. - ITEM	PART NO.	INDENT.	NOMENCLATURE	UNITS PER ASSY.	USAGE CODE
6- 2 128	AB406D	2	TERMINAL, GRD V12615 306-1311-000 ATTACHING PARTS	7	
-129	P313-0050-00 0	2	NUT, PLAIN, HEX., NI PL BRS, 2-56 V77250 313-0050-000	7	
-130	310-CC75-000	2	WASHER, LOCK, SI BRZ, 0.086 ID, 0.165 OD /COML/ -----*-----	7	
131	RC20GF152K	2	RESISTOR, FXD, 1500 OHMS 10%, 1/2 W 745-1359-000	1	
132	RN70D4641F	2	RESISTOR, FXD, 4640 OHMS 1%, 3/4 W 705-7628-000	1	
132A	CS13BG105M	2	CAPACITOR, FXD, 1 UF, 20%, 50 VDCW 184-6233-000 EFF MCN 273	1	
133	150D474X0035 A2	2	CAPACITOR, FXD, 470,000 UUF 20%, 35 VDCW V56289 184-7399-000	1	
134	RC20GF182K	2	RESISTOR, FXD, 1800 OHMS 10%, 1/2 W 745-1363-000	1	
135	1N3034B	2	SEMICOND DEVICE, ZENER DIO, 39 V 5% 353-3064-000	1	
R 135A	825-213X5V01 04Z	2	CAPACITOR, FXD, 0.1 UF, P80M20%, 200 VDCW V72982 913-3681-000 EFF MCN 273	1	
136	RC20GF102K	2	RESISTOR, FXD, 1000 OHMS 10%, 1/2 W 745-1352-000	1	
137	RC20GF681K	2	RESISTOR, FXD, 680 OHMS 10%, 1/2 W 745-1345-000	1	
138	150D156X0035 R2	2	CAPACITOR, FXD, 15 UF 20%, 35 VDCW V56289 184-7414-000	1	
139	1N3031B	2	SEMICOND DEVICE, ZENER DIO, 30 V 5% 353-3061-000	1	
140	RC20GF681K	2	RESISTOR, FXD, 680 OHMS 10%, 1/2 W 745-1345-000	1	
141	150D156X0035 R2	2	CAPACITOR, FXD, 15 UF 20%, 35 VDCW V56289 184-7414-000	1	
142	600D606G060D G4	2	CAPACITOR, FXD, 60 UF P75M10%, 60 VDCW V56289 183-1277-390	1	
143	150D156X0035 R2	2	CAPACITOR, FXD, 15 UF 20%, 35 VDCW V56289 184-7414-000	1	
144	RC20GF102K	2	RESISTOR, FXD, 1000 OHMS 10%, 1/2 W 745-1352-000	1	
145	1N982B	2	SEMICOND DEVICE 353-3104-000	1	
146	1N973B	2	SEMICOND DEVICE 353-3095-000	1	
147	RC32GF472K	2	RESISTOR, FXD, 4700 OHMS 10%, 1 W 745-3380-000	1	
148	1N973B	2	SEMICOND DEVICE 353-3095-000	1	
149	RC20GF561K	2	RESISTOR, FXD, 560 OHMS 10%, 1/2 W 745-1342-000	1	
150	2N3440	2	TRANSISTOR 352-0603-010	1	
151	TXB2P032-037	2	HOLDER, SEMICOND DEVICE V98978 352-9884-000	1	
152	RC20GF273K	2	RESISTOR, FXD, 27,000 OHMS 10%, 1/2 W 745-1412-000	1	
153	RC20GF272K	2	RESISTOR, FXD, 2700 OHMS 10%, 1/2 W 745-1370-000	1	
154	RN65D1964F	2	RESISTOR, FXD, 1.96 MEGΩ 1%, 1/2 W 705-7254-000	1	

GROUP ASSEMBLY PARTS LIST

FIG. - ITEM	PART NO.	INDENT.	NOMENCLATURE	UNITS PER ASSY.	USAGE CODE
6- 5 346	763-1441-001	3	SCREEN, DUCT	1	
-347	MS20426AD3-4	3	ATTACHING PARTS FOR 345 AND 346 RIVET, SOLID, AL, 3/32 DIA X 1/4 LG SHK 305-1362-000	6	
348	763-1422-001	3	-----*----- RING, SCRNL, CCV	1	
349	763-1423-001	3	SCREEN, COV, CAV	1	
-350	R3484X3-16NI	3	ATTACHING PARTS FOR 348 AND 349 RIVET, TUBULAR, NI PL BRS, 0.089 DIA X 3/16 LG SHK V12014 305-0121-000	8	
351	763-1741-001	3	-----*----- SPACER, PL	1	
-352	MS20426AD2-5	3	ATTACHING PARTS RIVET, SOLID, AL, 1/16 DIA X 5/16 LG SHK 305-1354-000	2	
353	F12NCFMA1-62	3	-----*----- NUT, SELF-LKG, CLINCH, CAD. PL STL, 6-32 V72962 333-0841-000	1	
354	506-7364-002	3	FASTENER, ANGLE	3	
355	F12NCFMA2-82	3	NUT, SELF-LKG, CLINCH, CAD. PL STL, 8-32 V72962 333-0844-000	4	
356	F435MILL6085	3	BEARING, SLV V70417 309-0087-000	1	
357	F22NCFMA1-40	3	NUT, SELF-LKG, CLINCH, CAD. PL STL, 4-40 V72962 333-0837-000	18	
358	F22NCFMA1-26	3	NUT, SELF-LKG, CLINCH, CAD. PL STL, 2-56 V72962 333-0837-000	4	
359	MS122076	3	INSERT, SCR THD, CRES, 4-40 X 0.112 012-1625-000	27	
360	757-7000-001	3	CAVITY, TUNED, WELDED	1	
6- 6 - 0	767-6039-001	1	RF DETECTOR SEE FIG. 6-5-269 FOR NHA	REF	
1	767-7424-001	2	SUPPRESSOR, PARASITIC	Z6	1
2	1N4310	2	SEMICOND DEVICE 353-3564-000	CR8	1
3	EH351	2	REACTOR V80223 678-1406-000	L40	1
4	6009-8A	2	CLIP, COMPONENT V91506 139-2336-000		1
- 5	R3484X1-8NI	2	ATTACHING PARTS RIVET, TUBULAR, NI PL BRS, 0.089 DIA X 1/8 LG SHK V12014 305-0119-000	1	
6	RC20GF103K	2	-----*----- RESISTOR, FXD, 10,000 OHMS 10%, 1/2 W 745-1394-000	R33	1
7	RC20GF472K	2	RESISTOR, FXD, 4700 OHMS 10%, 1/2 W 745-1380-000	R32	1
8	RC20GF153K	2	RESISTOR, FXD, 15,000 OHMS 10%, 1/2 W 745-1401-000	R31	1
9	CS138F156M	2	CAPACITOR, FXD, 15 UF 20%, 35 VDCW 184-6222-000	C74	1

GROUP ASSEMBLY PARTS LIST

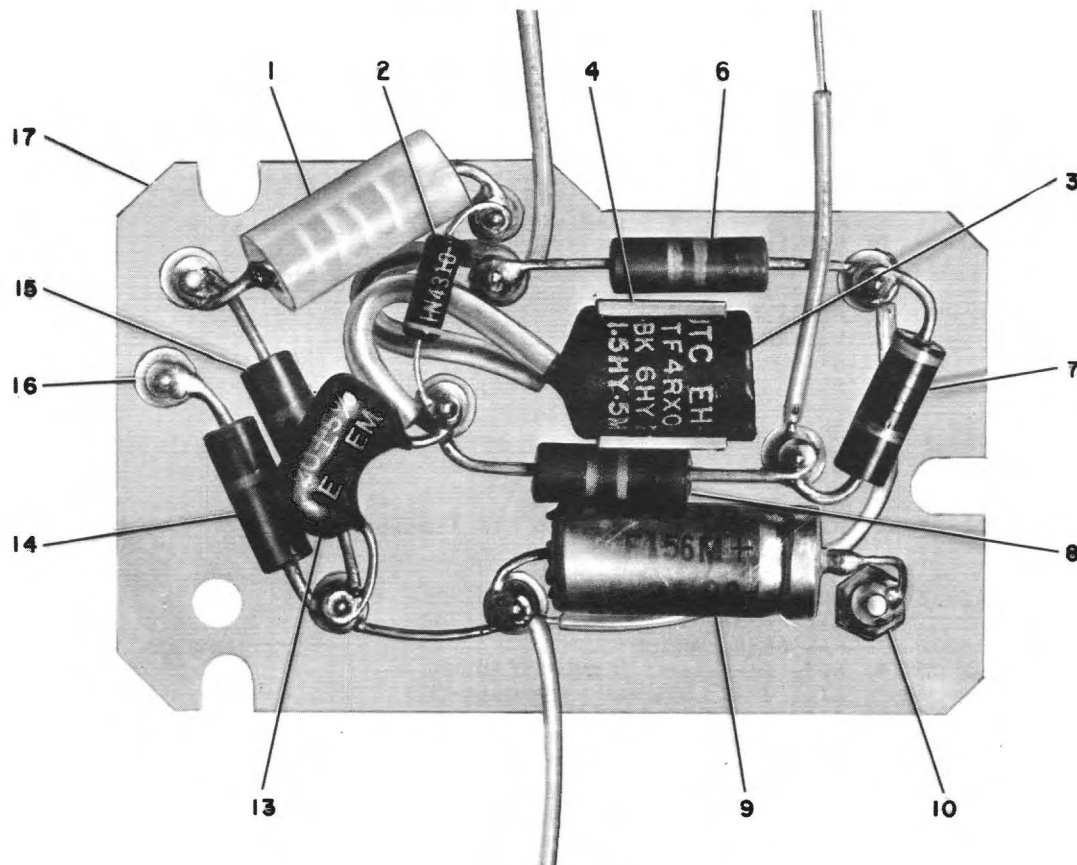


Figure 6-6. RF Detector

FIG. - ITEM	PART NO.	INDENT.	NOMENCLATURE	UNITS PER ASSY.	USAGE CODE
6- 6 10	AB397-1	2	TERMINAL, STUD V12615 306-1286-000	1	
			ATTACHING PARTS		
- 11	P313-0050-00	2	NUT, PLAIN, HEX., NI PL BRS, 2-56 V77250 313-0050-000	1	
- 12	310-0075-000	2	WASHER, LOCK, SI BRZ, 0.086 ID, 0.165 OD /COML/ -----*	1	
13	CM05E200J03	2	CAPACITOR, FXD, 20 UUF 5%, 500 VDCW 912-2765-000	1	C71
14	RC20GF121K	2	RESISTOR, FXD, 120 OHMS 10%, 1/2 W 745-1314-000	1	R26
15	RC20GF681K	2	RESISTOR, FXD, 680 OHMS 10%, 1/2 W 745-1345-000	1	R27
16	SL173-197	2	TERMINAL, STANDOFF V12615 306-1261-000	9	
17	763-1592-001	2	TERMINAL BOARD, NO. 1	1	

GROUP ASSEMBLY PARTS LIST

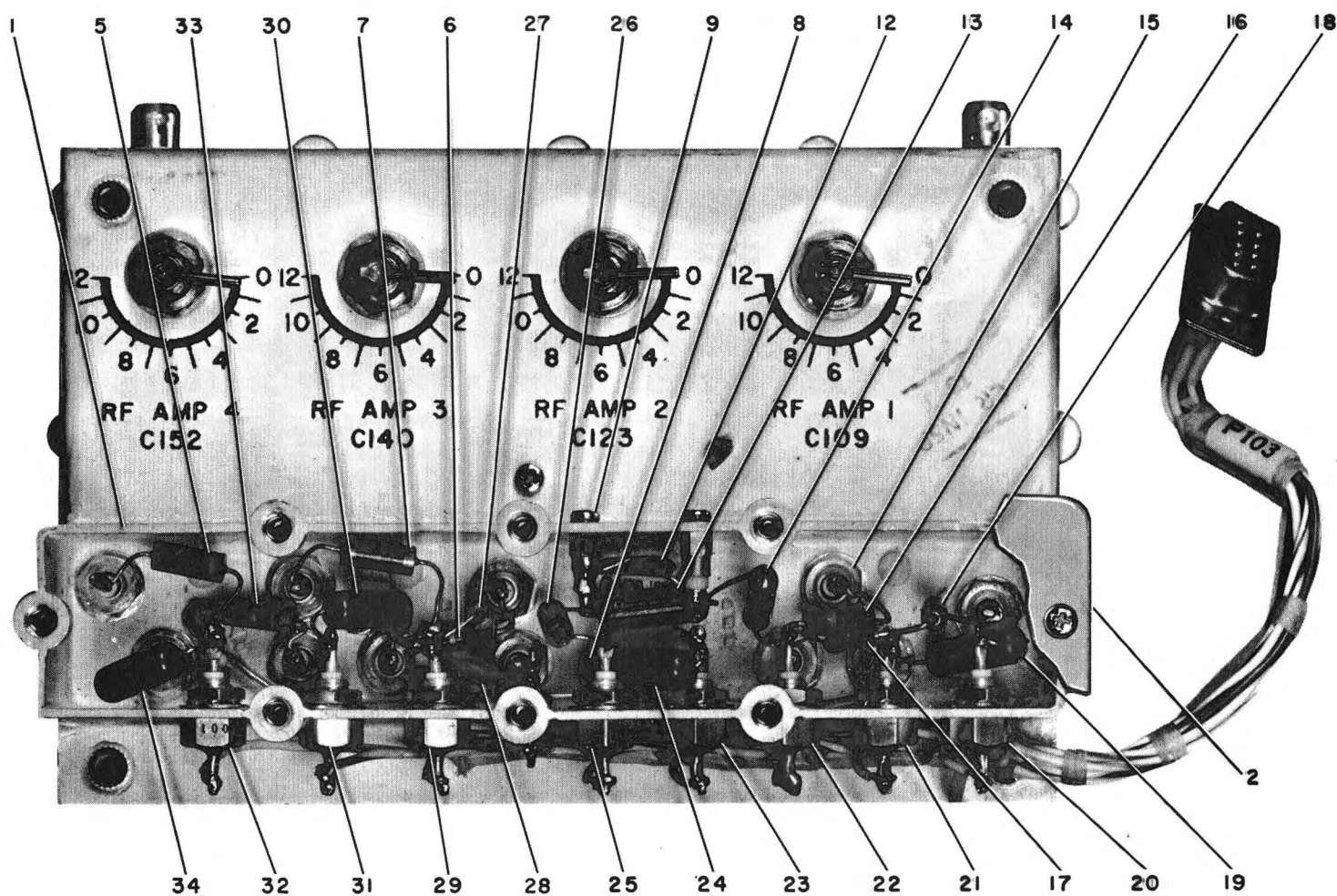


Figure 6-7. Transmitter VHF Exciter Subassembly (Sheet 1 of 4, Index 1 Through 34)

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parts list

GROUP ASSEMBLY PARTS LIST

FIG. - ITEM	PART NO.	INDENT.	NOMENCLATURE	UNITS PER ASSY.	USAGE CODE
6- 7 - 0	528-0604-004	1	TRANSMITTER VHF EXCITER SUBASSY SEE FIG. 6-1-147 FOR NHA	REF	
1	280-3796-060	2	PLATE, INFO	1	
2	763-1730-001	2	CGVER, EXCITER, VHF, NO. 2 ATTACHING PARTS	1	
- 3	MS51957-14	2	SCREW, MACH., SST, PAN HD, 4-40 X 5/16 343-0134-000	8	
- 4	310-0396-000	2	WASHER, LOCK, SI BRZ, 0.112 ID, 0.202 OD /COML/ -----*-----	8	
5	RC20GF560K	2	RESISTOR, FXD, 56 OHMS 10%, 1/2 W R130 745-1300-000	1	
6	RC20GF104K	2	RESISTOR, FXD, 100,000 OHMS 10%, R115 1/2 W 745-1436-000	1	
7	MS18130-10	2	COIL, RF, 1.5 UH 240-1570-000 L114	1	
8	G4777-10	2	TERMINAL, STUD V12615 306-1018-000	2	
9	AB396-1	2	TERMINAL, STUD V12615 306-1281-000	1	
- 10	P343-0298-00 0	2	ATTACHING PARTS FOR 8 AND 9 SCREW, MACH., NI PL BRS, PAN HD, 2-56 X 3/16 V77250 343-0298-000	3	
- 11	310-0075-000	2	WASHER, LOCK, SI BRZ, 0.086 ID, 0.165 OD /COML/ -----*-----	3	
12	RL4005-31-9- 73S1	2	RESISTOR, THRM, 51.2 OHMS 10%, RT101 1.25 W V75263 714-3305-010	1	
13	RN65D2150F	2	RESISTOR FXD, 215 OHMS 1%, 1/2 W R129 705-7064-000	1	
14	RN65D1330F	2	RESISTOR, FXD, 133 OHMS 1%, 1/2 W R128 705-7054-000	1	
15	FB2B102W	2	CAPACITOR, FXD, 1000 UUF GMV, 500 C143 VDCW V01121 913-4235-020	1	
16	RC20GF101K	2	RESISTOR, FXD, 100 OHMS 10%, 1/2 W R108 745-1310-000	1	
17	RS1A00B22000 F	2	RESISTOR, FXD, 2200 OHMS 1%, 1 W R111 V91637 747-1499-020	1	
18	RC20GF332K	2	RESISTOR, FXD, 3300 OHMS 10%, 1/2 R104 W 745-1373-000	1	
19	RN65D2151F	2	RESISTOR, FXD, 2150 OHMS 1%, 1/2 W R107 705-7112-000	1	
20	FB2B102W	2	CAPACITOR, FXD, 1000 UUF GMV, 500 C108 VDCW V01121 913-4235-020	1	
21	FB2B102W	2	CAPACITOR, FXD, 1000 UUF GMV, 500 C103 VDCW V01121 913-4235-020	1	
22	FB2B471Z	2	CAPACITOR, FXD, 470 UUF 20%, 500 C113 VDCW V01121 913-4235-010	1	
23	FB2B102W	2	CAPACITOR, FXD, 1000 UUF GMV, 500 C121 VDCW V01121 913-4235-020	1	
24	RN65D8661F	2	RESISTOR, FXD, 8660 OHMS 1%, 1/2 W R114 705-7141-000	1	
25	FB2B471Z	2	CAPACITOR, FXD, 470 UUF 20%, 500 C126 VDCW V01121 913-4235-010	1	
26	MS18130-10	2	COIL, RF, 1.5 UH 240-1570-000 L108	1	
27	MS18130-10	2	COIL, RF, 1.5 UH 240-1570-000 L111	1	

GROUP ASSEMBLY PARTS LIST

FIG. - ITEM	PART NO.	INDENT.	NOMENCLATURE		UNITS PER ASSY.	USAGE CODE
6- 7	28	CK60AW102M	2	CAPACITOR, FXD, 1000 UUF 20%, 1000 VDCW 913-1186-000	C131	1
	29	FB2B102W	2	CAPACITOR, FXD, 1000 UUF GMV, 500 VDCW V01121 913-4235-020	C132	1
	30	RN65D1C01F	2	RESISTOR, FXD, 1000 OHMS 1%, 1/2 W 705-7096-000	R121	1
	31	FB2B102W	2	CAPACITOR, FXD, 1000 UUF GMV, 500 VDCW V01121 913-4235-020	C139	1
	32	FB2B102W	2	CAPACITOR, FXD, 1000 UUF GMV, 500 VDCW V01121 913-4235-020	C151	1
	33	MS18130-12	2	COIL, RF, 2.2 UH 240-1572-000	L116	1
	34	RN65D4222F	2	RESISTOR, FXD, 42,200 OHMS 1%, 1/2 W 705-7174-000	R127	1
	35	757-6960-001	2	COVER, EXCITER, VHF, NO. 1 ATTACHING PARTS		1
-	36	MS51957-14	2	SCREW, MACH., SST, PAN HD, 4-40 X 5/16 343-0134-000		15
-	37	310-0396-000	2	WASHER, LOCK, SI BRZ, 0.112 ID, 0.202 OD /COML/ -----*-----		15
	38	T1532	2	HOLDER, TSTR V98291 352-9508-000		2
	39	2N3866	2	TRANSISTOR 352-0671-010	Q102	1
	40	2N3866	2	TRANSISTOR 352-0671-010	Q103	1
	41	CS138C107M	2	CAPACITOR, FXD, 100 UF 20%, 10 VDCW 184-6150-000	C136	1
	42	RC20GF181K	2	RESISTOR, FXD, 180 OHMS 10%, 1/2 W 745-1321-000	R119	1
	43	CS138C107M	2	CAPACITOR, FXD, 100 UF 20%, 10 VDCW 184-6150-000	C148	1
	44	RC20GF101K	2	RESISTOR, FXD, 100 OHMS 10%, 1/2 W 745-1310-000	R125	1
	45	0750	2	CONNECTOR, RECP V94375 357-9215-000	J102	1
	46	4012HOTTINNE D	2	TERMINAL, LUG V77147 304-2800-000		1
	47	RC20GF101K	2	RESISTOR, FXD, 100 OHMS 10%, 1/2 W 745-1310-000	R122	1
	48	CK60AW102M	2	CAPACITOR, FXD, 1000 UUF 20%, 1000 VDCW 913-1186-000	C158	1
	49	G4777-10	2	TERMINAL, STUD V12615 306-1018-000 ATTACHING PARTS		1
-	50	P343-0298-00 0	2	SCREW, MACH., NI PL BRS, PAN HD, 2-56 X 3/16 V77250 343-0298-000		1
-	51	310-0075-000	2	WASHER, LOCK, SI BRZ, 0.086 ID, 0.165 OD /COML/		1
-	52	4040-2HOTTIN NED	2	TERMINAL, LUG V77147 304-0014-000 -----*-----		1
	53	RC20GF331K	2	RESISTOR, FXD, 330 CHMS 10%, 1/2 W 745-1331-000	R123	1
	54	CK60AW102M	2	CAPACITOR, FXD, 1000 UUF 20%, 1000 VDCW 913-1186-000	C145	1
	55	RC20GF101K	2	RESISTOR, FXD, 100 CHMS 10%, 1/2 W 745-1310-000	R116	1

GROUP ASSEMBLY PARTS LIST

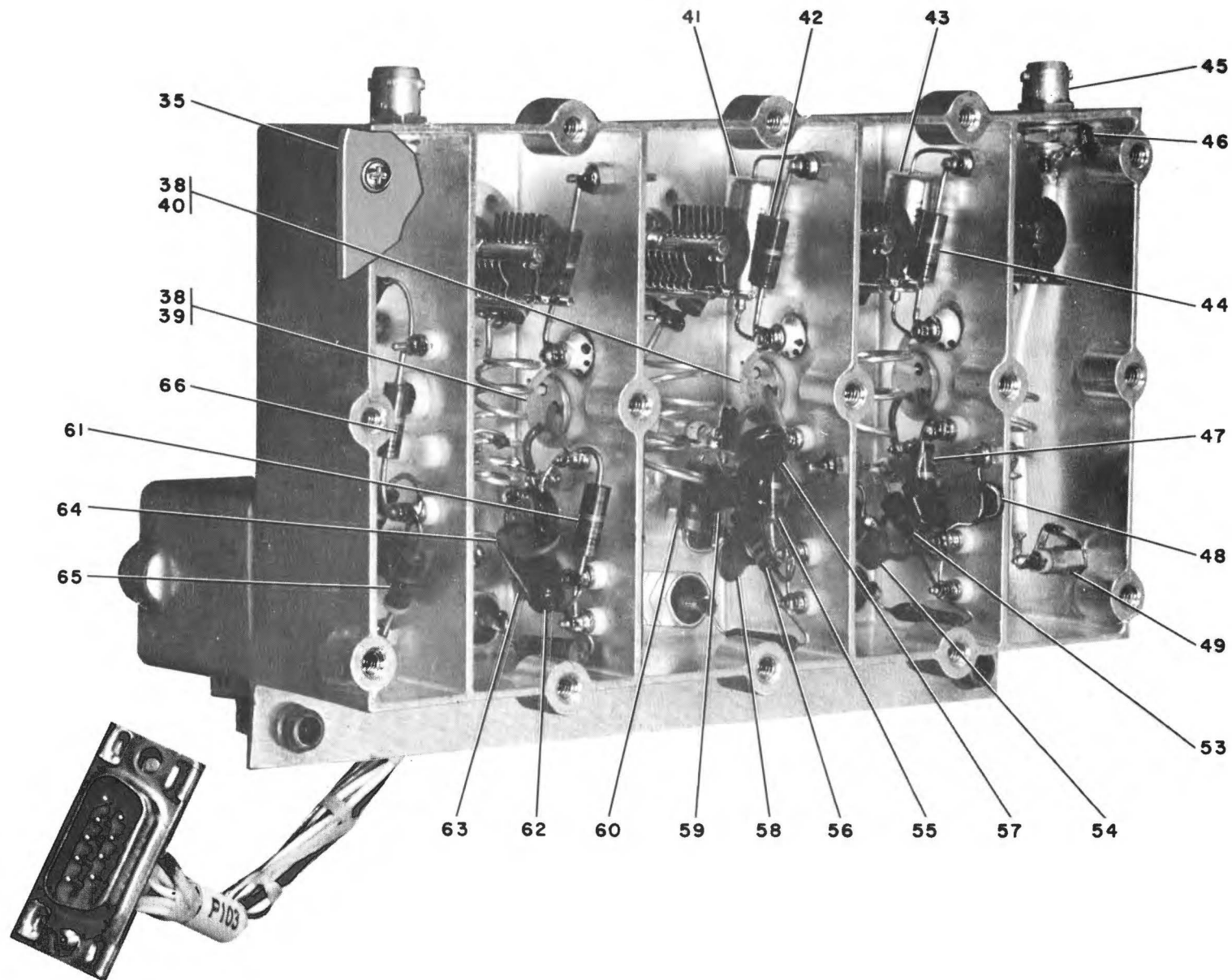


Figure 6-7. Transmitter VHF Exciter Subassembly (Sheet 2 of 4, Index 35 Through 66)

GROUP ASSEMBLY PARTS LIST

FIG. - ITEM	PART NO.	INDENT.	NOMENCLATURE	UNITS PER ASSY.	USAGE CODE
6- 7	56	RC20GF331K	2 RESISTOR, FXD, 330 OHMS 10%, 1/2 W 745-1331-000	R118	1
	57	DM15C100J01	2 CAPACITOR, FXD, 10 UUF 5%, 500 VDCW V72136 912-2753-000	C129	1
	58	CK60AW102M	2 CAPACITOR, FXD, 1000 UUF 20%, 1000 VDCW 913-1186-000	C134	1
	59	MA4394	2 CAPACITOR, VOLTAGE VAR, 10 UUF PORM 1 UUF, -30 VDCW V96341 922-6074-000	CR103	1
	60	MS18130-1	2 COIL, RF, 0.15 UH 240-1562-000	L109	1
	61	RC20GF101K	2 RESISTOR, FXD, 100 OHMS 10%, 1/2 W 745-1310-000	R109	1
	62	RN65D3830F	2 RESISTOR, FXD, 383 OHMS 1%, 1/2 W 705-7076-000	R110	1
	63	845-C14X5V05 03Z	2 CAPACITOR, FXD, 50,000 UUF P80M20%, 100 VDCW V72982 913-3679-000	C115	1
	64	805-014X5V01 03Z	2 CAPACITOR, FXD, 10,000 UUF P80M20%, 100 VDCW V72982 913-3680-000	C111	1
	65	RC20GF471K	2 RESISTOR, FXD, 470 OHMS 10%, 1/2 W 745-1338-000	R103	1
	66	RC20GF101K	2 RESISTOR, FXD, 100 OHMS 10%, 1/2 W 745-1310-000	R101	1
	67	T1533	2 HOLDER, TSTR V98291 352-9509-000		1
	68	2N3563	2 TRANSISTOR 352-0630-010	Q101	1
	69	763-1637-001	2 COIL, RF, VHF, RF AMPL, NO. 1	L102	1
	70	0750	2 CONNECTOR, RECP V94375 357-9215-000	J101	1
	71	2465-008W5T0 102P	2 CAPACITOR, FXD, 1000 UUF GMV, 500 VDCW V72982 913-3208-000	C117	1
	72	CS138C107M	2 CAPACITOR, FXD, 100 UF 20%, 10 VDCW 184-6150-000	C118	1
	73	2465-008W5T0 102P	2 CAPACITOR, FXD, 1000 UUF GMV, 500 VDCW V72982 913-3208-000	C135	1
	74	2465-008W5T0 102P	2 CAPACITOR, FXD, 1000 UUF GMV, 500 VDCW V72982 913-3208-000	C147	1
	75	T1532	2 HOLDER, TSTR V98291 352-9508-000		1
	76	2N3866	2 TRANSISTOR 352-0671-010	Q104	1
	77	763-1548-001	2 COIL, RF, VHF, RF AMPL, NO. 3	L117	1
	78	CK60AW102M	2 CAPACITOR, FXD, 1000 UUF 20%, 1000 VDCW 913-1186-000	C154	1
	79	GA0-68MMFD20 1	2 CAPACITOR, FXD, 0.68 UUF 20%, 500 VDCW V78488 913-0387-000	C149	1
	80	DM15C100J01	2 CAPACITOR, FXD, 10 UUF 5%, 500 VDCW V72136 912-2753-000	C144	1
	81	RC20GF332K	2 RESISTOR, FXD, 3300 OHMS 10%, 1/2 W 745-1373-000	R120	1
	82	GA1-5UUF PORM 5PCT	2 CAPACITOR, FXD, 1.5 UUF 5%, 500 VDCW V78488 913-2981-000	C137	1
	83	FB2B102W	2 CAPACITOR, FXD, 1000 UUF GMV, 500 VDCW V01121 913-4235-020	C130	1
	84	DM15C050D01	2 CAPACITOR, FXD, 5 UUF PORM 0.5 UUF, 500 VDCW V72136 912-2750-000	C128	1
	85	RC20GF332K	2 RESISTOR, FXD, 3300 OHMS 10%, 1/2 W 745-1373-000	R113	1

GROUP ASSEMBLY PARTS LIST

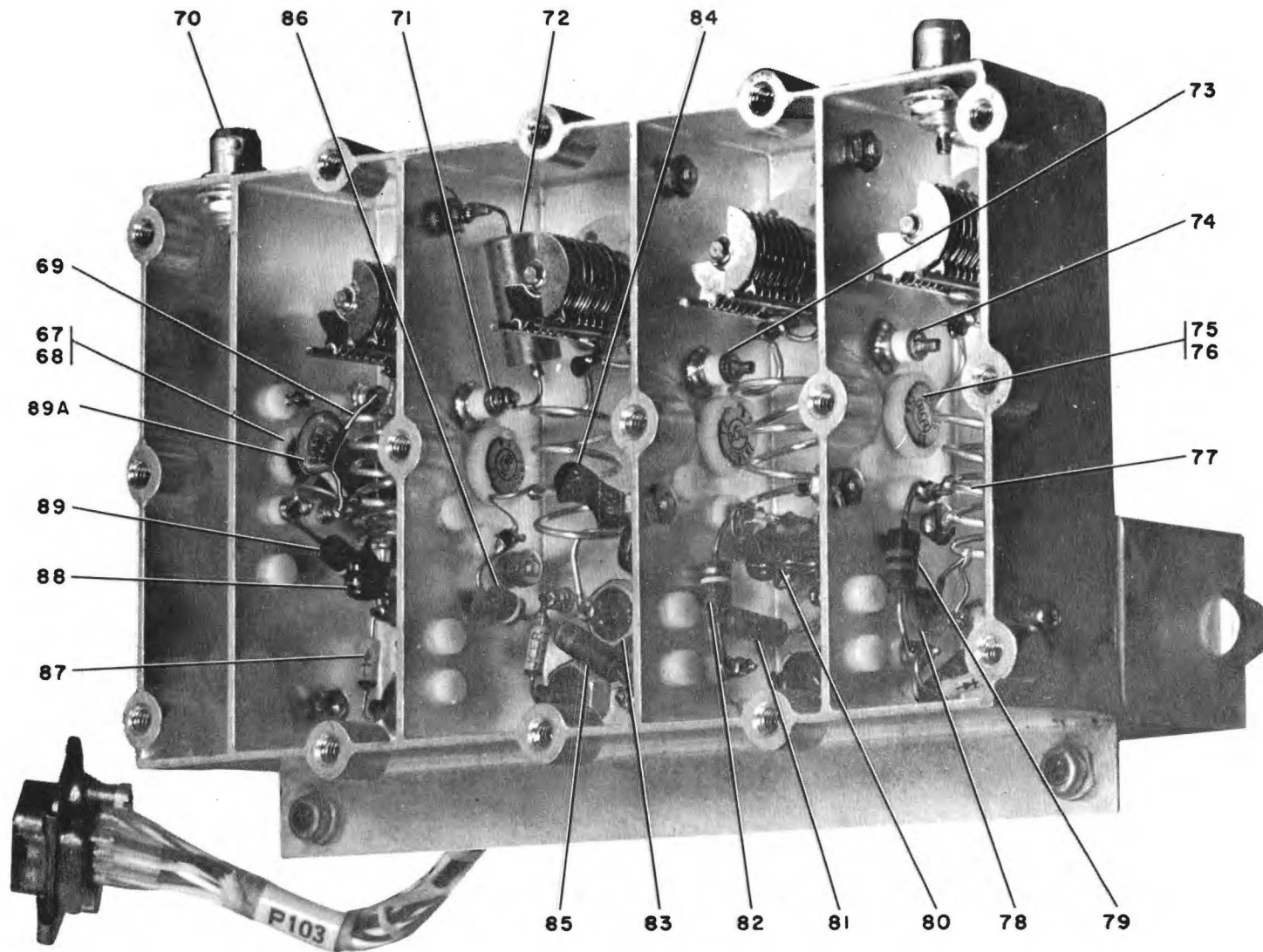


Figure 6-7. Transmitter VHF Exciter Subassembly (Sheet 3 of 4, Index 67 Through 89A)

GROUP ASSEMBLY PARTS LIST

FIG. - ITEM	PART NO.	INDENT.	NOMENCLATURE	UNITS PER ASSY.	USAGE CODE
6- 7	86	GA1-CMMFD201	2 CAPACITOR, FXD, 1 UUF 20%, 500 VDCW V78488 913-0388-000	C119	1
	87	JAN1N933	2 SEMICOND DEVICE 353-2051-000	CR101	1
	88	DM15C100J01	2 CAPACITOR, FXD, 10 UUF 5%, 500 VDCW V72136 912-2753-000	C114	1
	89	GA1-CMMFD201	2 CAPACITOR, FXD, 1 UUF 20%, 500 VDCW V78488 913-0388-000	C106	1
	89A	805- 014X5V0103Z	2 CAPACITOR, FXD, 0.01 UF P80M20%, 100 VDCW V72982 913-3680-000	C105	1
	90	RC20GF221K	2 RESISTOR, FXD, 220 OHMS 10%, 1/2 W 745-1324-000	R105	1
-	91	767-6010-001	2 WIRING HARNESS, BRANCHED		1
	92	DE9PC33	3 CONNECTOR, RECP V71468 371-0168-000	P103	1
	93	20419	2 SCREW LOCK ASSY V71468 371-0040-000		2
	94	DM15F471K03	2 CAPACITOR, FXD, 470 UUF 10%, 500 VDCW V72136 912-2865-000	C101	1
	95	RC20GF332K	2 RESISTOR, FXD, 3300 OHMS 10%, 1/2 W 745-1373-000	R106	1
	96	MS16562-194	2 PIN, SPG, CRES, 0.062 DIA X 1/2 LG 311-0421-000		1
	97	160-107-55	2 CAPACITOR, VAR, 2.6 TO 13.3 UUF, 850 VACW V74970 922-1021-010	C109	1
	98	GA4-7UUF PORM 5PCT	2 CAPACITOR, FXD, 4.7 UUF 5%, 500 VDCW V78488 913-2993-000	C110	1
	99	RC20GF330K	2 RESISTOR, FXD, 33 OHMS 10%, 1/2 W 745-1289-000	R112	1
	100	AB406D	2 TERMINAL, GRD V12615 306-1311-000		1
			ATTACHING PARTS		
-101	P313-0050-00 0	2	NUT, PLAIN, HEX., NI PL BRS, 2-56 V77250 313-0050-000		1
-102	310-0075-000	2	WASHER, LOCK, SI BRZ, 0.086 ID, 0.165 OD /COML/ -----*-----		1
103	763-1547-001	2	COIL, RF, VHF, RF AMPL, NO. 2	L106	1
104	MS16562-194	2	PIN, SPG, CRES, 0.062 DIA X 1/2 LG 311-0421-000		1
105	160-107-55	2	CAPACITOR, VAR, 2.6 TO 13.3 UUF, 850 VDCW V74970 922-1021-010	C123	1
106	GA3-3UUF PORM 5PCT	2	CAPACITOR, FXD, 3.3 UUF 5%, 500 VDCW V78488 913-2989-000	C122	1
107	G4777-10	2	TERMINAL, STUD V12615 306-1018-000		1
			ATTACHING PARTS		
-108	P343-0298-00 0	2	SCREW, MACH., NI PL BRS, PAN HD, 2-56 X 3/16 V77250 343-0298-000		1
-109	310-0075-000	2	WASHER, LOCK, SI BRZ, 0.086 ID, 0.165 OD /COML/ -----*-----		1
110	MS16562-194	2	PIN, SPG, CRES, 0.062 DIA X 1/2 LG 311-0421-000		1
111	160-107-55	2	CAPACITOR, VAR, 2.6 TO 13.3 UUF, 850 VACW V74970 922-1021-010	C140	1
112	763-1548-001	2	COIL, RF, VHF, RF AMPL, NO. 4	L112	1
113	GA2-2UUF PORM 5PCT	2	CAPACITOR, FXD, 2.2 UUF 5%, 500 VDCW V78488 913-2985-000	C141	1

GROUP ASSEMBLY PARTS LIST

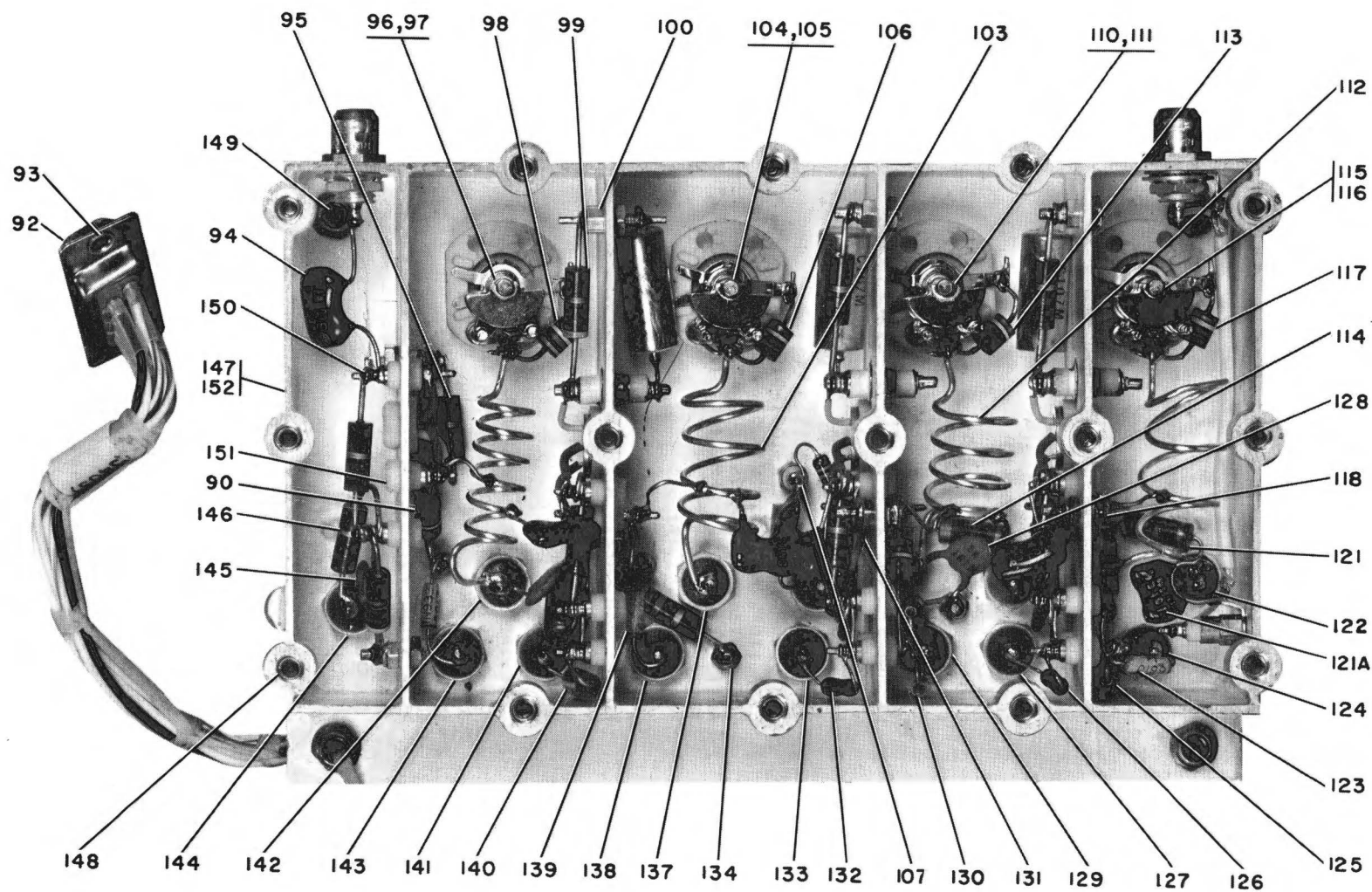


Figure 6-7. Transmitter VHF Exciter Subassembly (Sheet 4 of 4, Index 92 Through 152)

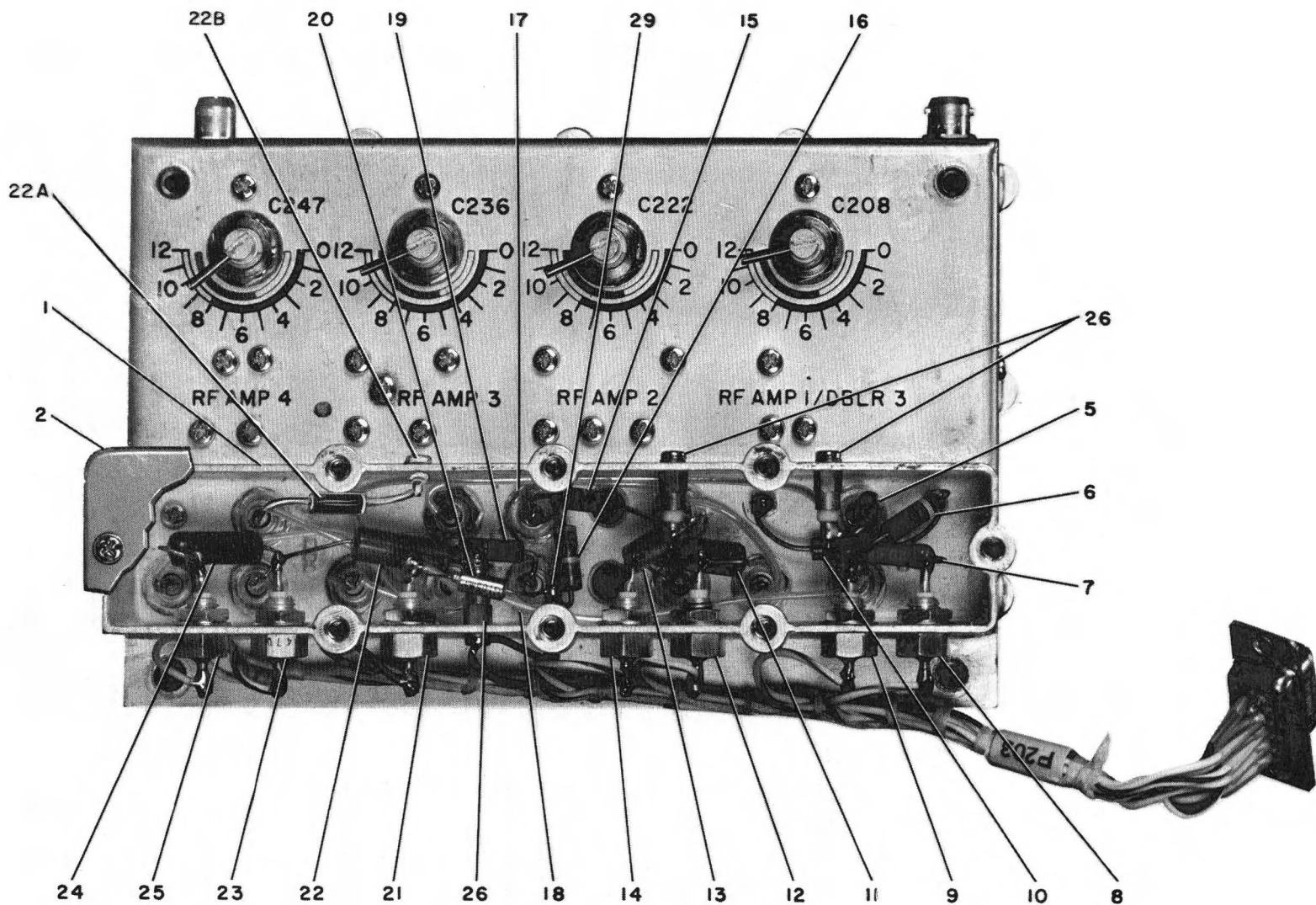
GROUP ASSEMBLY PARTS LIST

FIG. - ITEM	PART NO.	INDENT.	NOMENCLATURE	UNITS PER ASSY.	USAGE CODE
6- 7	114	MS18130-10	2 CCIL, RF, 1.5 UH 240-1570-000 L113	1	
	115	MS16562-194	2 PIN, SPG, CRES, 0.062 DIA X 1/2 LG 311-0421-000	1	
	116	160-107-55	2 CAPACITOR, VAR, 2.6 TO 13.3 UUF, 850 VACW V74970 922-1021-010 C152	1	
	117	GA3-3ULFPORM 5PCT	2 CAPACITOR, FXD, 3.3 UUF 5%, 500 VDCW V78488 913-2989-000 C153	1	
	118	AB397-1	2 TERMINAL, STUC V12615 306-1286-000 ATTACHING PARTS	2	
-119	P334-0278-00 0	2	NUT, PLAIN, HEX., NI PL BRS, 2-56 V77250 334-0278-000	1	
-120	310-CC75-000	2	WASHER, LOCK, SI BRZ, 0.086 ID, 0.165 OD /COML/	1	
			-----*-----		
	121	MS18130-10	2 CCIL, RF, 1.5 UH 240-1570-000 L118	1	
R	121A	CM05ED220 J03	2 CAPACITOR, FXD, 22 PF 5%, 500 VDCW 912-2768-000 C156	1	
	122	FB2B102W	2 CAPACITOR, FXD, 1000 UUF GMV, 500 VDCW V01121 913-4235-020 C155	1	
	123	JAN1N933	2 SEMICOND DEVICE 353-2051-000 CR105	1	
	124	FB2B102W	2 CAPACITOR, FXD, 1000 UUF GMV, 500 VDCW V01121 913-4235-020 C150	1	
	125	RC20GF332K	2 RESISTOR, FXD, 3300 OHMS 10%, 1/2 W 745-1373-000 R126	1	
	126	RS1A00B22000 F	2 RESISTOR, FXD, 2200 OHMS 1%, 1 W V91637 747-1499-020 R124	1	
	127	FB2B102W	2 CAPACITOR, FXD, 1000 UUF GMV, 500 VDCW V01121 913-4235-020 C146	1	
	128	CK60AW102M	2 CAPACITOR, FXD, 1000 UUF 20%, 1000 VDCW 913-1186-000 C142	1	
	129	FB2B102W	2 CAPACITOR, FXD, 1000 UUF GMV, 500 VDCW V01121 913-4235-020 C138	1	
	130	JAN1N933	2 SEMICOND DEVICE 353-2051-000 CR104	1	
	131	CK60AW102M	2 CAPACITOR, FXD, 1000 UUF 20%, 1000 VDCW 913-1186-000 C157	1	
	132	RC20GF222K	2 RESISTOR, FXD, 2200 OHMS 10%, 1/2 W 745-1366-000 R117	1	
	133	FB2B102W	2 CAPACITOR, FXD, 1000 UUF GMV, 500 VDCW V01121 913-4235-020 C133	1	
	134	AB397-1	2 TERMINAL, STUC V12615 306-1286-000 ATTACHING PARTS	10	
-135	P313-0050-00 0	2	NUT, PLAIN, HEX., NI PL BRS, 2-56 V77250 313-0050-000	10	
-136	310-C075-000	2	WASHER, LOCK, SI BRZ, 0.086 ID, 0.165 OD /COML/	10	
			-----*-----		
	137	FB2B471Z	2 CAPACITOR, FXD, 470 UUF 20%, 500 VDCW V01121 913-4235-010 C125	1	
	138	FB2B102W	2 CAPACITOR, FXD, 1000 UUF GMV, 500 VDCW V01121 913-4235-020 C120	1	
	139	JAN1N933	2 SEMICOND DEVICE 353-2051-000 CR102	1	
	140	MS18130-10	2 COIL, RF, 1.5 UH 240-1570-000 L105	1	
	141	FB2B102W	2 CAPACITOR, FXD, 1000 UUF GMV, 500 VDCW V01121 913-4235-020 C116	1	
	142	FB2B471Z	2 CAPACITOR, FXD, 470 UUF 20%, 500 VDCW V01121 913-4235-010 C112	1	

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GROUP ASSEMBLY PARTS LIST

FIG. - ITEM	PART NO.	INDENT.	NOMENCLATURE	UNITS PER ASSY.	USAGE CODE
6- 7	143	FB2B102W	2 CAPACITOR, FXD, 1000 UUF GMV, 500 C107	1	
	144	FB2B102W	2 CAPACITOR, FXD, 1000 UUF GMV, 500 C102	1	
	145	CK60AW102M	2 CAPACITOR, FXD, 1000 UUF 20%, 1000 C104	1	
	146	RC20GF272K	2 RESISTOR, FXD, 2700 OHMS 10%, 1/2 R102	1	
	147	767-6038-001	2 CHASSIS, ELECTRICAL EQUIP.	1	
	148	MS122076	3 INSERT, SCR THD, CRES, 4-40 X 0.112 012-1625-000	23	
	149	F12NCFMA2-62	3 NUT, SELF-LKG, CLINCH, CAD. PL STL, 6-32 V76962 333-0842-000	4	
	150	SL174-198	3 TERMINAL, FEEDTHRU V12615 306-1271-000	4	
	151	SL173-197	3 TERMINAL, STANDOFF V12615 306-1261-000	18	
	152	763-1517-001	3 CHASSIS, ELECTRICAL EQUIP.	1	
6- 8 -	0	528-0603-004	1 TRANSMITTER UHF EXCITER SUBASSY SEE FIG. 6-1-147 FOR NHA	REF	
	1	280-3796-070	2 PLATE, INFO	1	
	2	763-1529-001	2 COVER, EXCITER, UHF, NO. 2 ATTACHING PARTS	1	
-	3	MS51957-14	2 SCREW, MACH., SST, PAN HD, 4-40 X 5/16 343-0134-000	8	
-	4	MS35338-78	2 WASHER, LOCK, CRES, 0.115 ID, 0.212 OD 310-0279-000	8	
	5	RC20GF102K	2 RESISTOR, FXD, 1000 OHMS 10%, 1/2 R204	1	
	6	RC20GF393K	2 RESISTOR, FXD, 39,000 OHMS 10%, 1/2 W 745-1419-000	1	
	7	RN65D2052F	2 RESISTOR, FXD, 20,500 OHMS 1%, 1/2 R206	1	
	8	FB2B471Z	2 CAPACITOR, FXD, 470 UUF 20%, 500 C207	1	
	9	FB2B471Z	2 CAPACITOR, FXD, 470 UUF 20%, 500 C203	1	
	10	RC20GF102K	2 RESISTOR, FXD, 1000 OHMS 10%, 1/2 R203	1	
	11	RN65D5112F	2 RESISTOR, FXD, 51,100 OHMS 1%, 1/2 R210	1	
	12	FB2B471Z	2 CAPACITOR, FXD, 470 UUF 20%, 500 C217	1	
	13	CL25BH080UP3	2 CAPACITOR, FXD, 8 UF P75M15%, 30 C221	1	
	14	FB2B471Z	2 CAPACITOR, FXD, 470 UUF 20%, 500 C220	1	
	15	RC20GF121K	2 RESISTOR, FXD, 120 OHMS 10%, 1/2 W 745-1314-000	1	
	16	RC20GF471K	2 RESISTOR, FXD, 470 OHMS 10%, 1/2 W 745-1338-000	1	

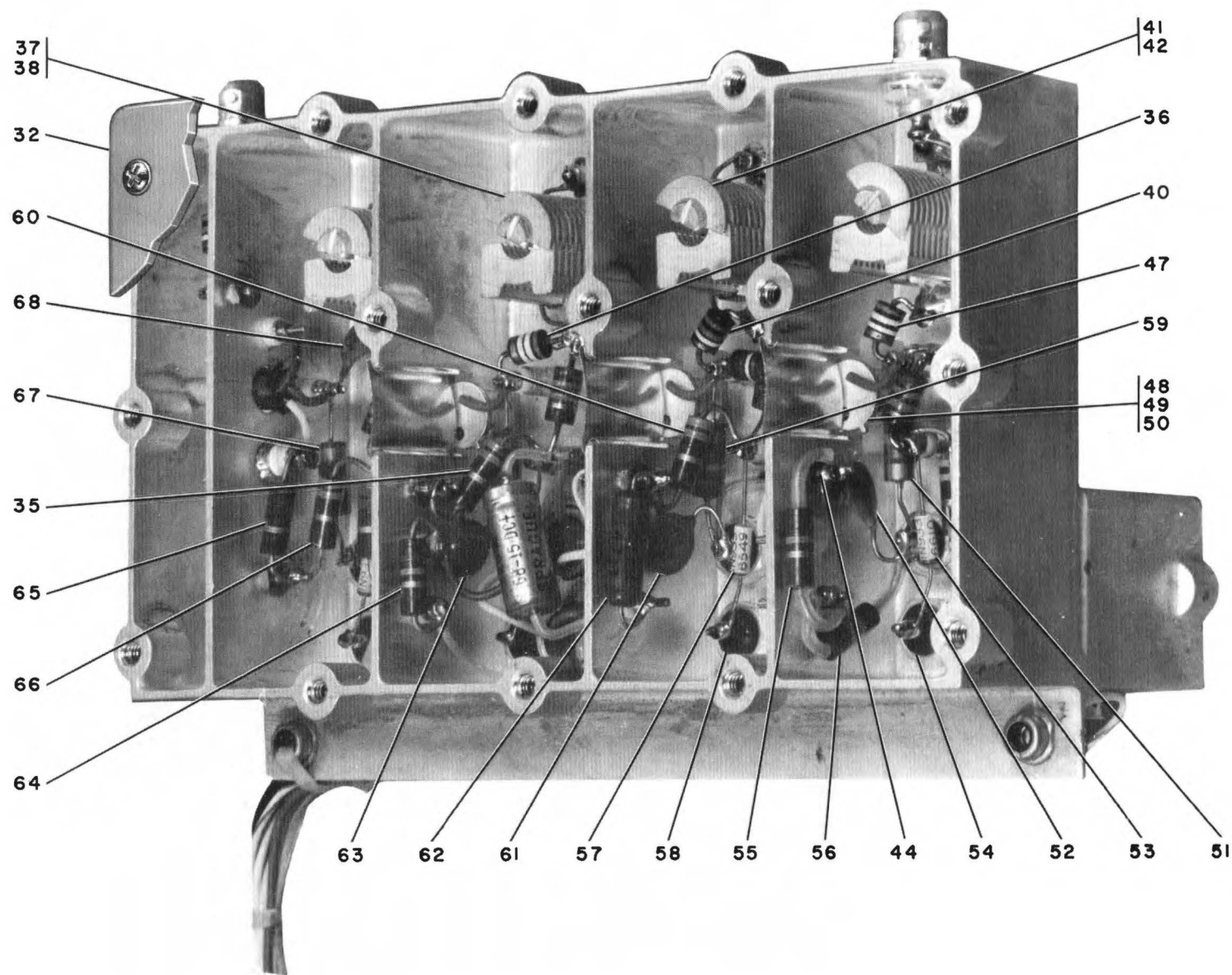


GROUP ASSEMBLY PARTS LIST

Figure 6-8. Transmitter UHF Exciter Subassembly (Sheet 1 of 4, Index 1 Through 29)

GROUP ASSEMBLY PARTS LIST

FIG. - ITEM	PART NO.	INDENT.	NOMENCLATURE	UNITS PER ASSY.	USAGE CODE
6- 8	17	FB2B471Z	2 CAPACITOR, FXD, 470 UUF 20%, 500 VDCW V01121 913-4235-010	C219	1
	18	FB2B471Z	2 CAPACITOR, FXD, 470 UUF 20%, 500 VDCW V01121 913-4235-010	C223	1
	19	RC20GF100K	2 RESISTOR, FXD, 10 OHMS 10%, 1/2 W 745-1268-000	R229	1
	20	CS13BG105M	2 CAPACITOR, FXD, 1 UF 20%, 50 VDCW 184-6233-000	C248	1
	21	FB2B471Z	2 CAPACITOR, FXD, 470 UUF 20%, 500 VDCW V01121 913-4235-010	C244	1
	22	RN65D5112F	2 RESISTOR, FXD, 51,100 OHMS 1%, 1/2 W 705-7178-000	R214	1
R	22A	RC20GF680K	2 RESISTOR, FXD, 68 OHMS 10%, 1/2 W 745-1303-000	R236	1
R	22B	TF300	2 TERMINAL, STUD V98291 306-1018-000 EFF MCN 278 SB 4		1
R	- 22C	P342-0298-000	2 SCREW, MACH., CAD PL STL, FH, 4-40 X 1-3/4 V77250 342-0298-000		1
R	- 22D	310-0075-000	2 WASHER, LOCK, SI BRZ, 0.086 ID, 0.165 OD /COML/		1
	23	FB2B471Z	2 CAPACITOR, FXD, 470 UUF 20%, 500 VDCW V01121 913-4235-010	C231	1
	24	RN65D8252F	2 RESISTOR, FXD, 82,500 OHMS 1%, 1/2 W 705-7188-000	R221	1
	25	FB2B471Z	2 CAPACITOR, FXD, 470-UUF 20%, 500 VDCW V01121 913-4235-010	C243	1
	26	G4777-10	2 TERMINAL, STUD V12615 306-1018-000		3
	- 27	P343-0298-000	2 SCREW, MACH., NI PL BRS, PAN HD, 2-56 X 3/16 V77250 343-0298-000		3
	- 28	310-0075-000	2 WASHER, LOCK, SI BRZ, 0.086 ID, 0.165 OD /COML/		3
	29	AB406D	2 TERMINAL, GRD V12615 306-1311-000		1
	- 30	P313-0050-000	2 NUT, PLAIN, HEX., NI PL BRS, 2-56 V77250 313-0050-000		1
	- 31	310-0075-000	2 WASHER, LOCK, SI BRZ, 0.086 ID, 0.165 OD /COML/		1
	32	763-1528-001	2 COVER, EXCITER, UHF NO. 1		1
	- 33	MS51957-14	2 SCREW, MACH., SST, PAN HD, 4-40 X 5/16 343-0134-000		15
	- 34	MS35338-78	2 WASHER, LOCK, CRES, 0.115 ID, 0.212 OD 310-0279-000		15
	35	RC20GF332K	2 RESISTOR, FXD, 3300 OHMS 10%, 1/2 W 745-1373-000	R209	1
	36	GA3-9UUF0RM 5PCT	2 CAPACITOR, FXD, 3.9 UUF 5%, 500 VDCW V78488 913-2991-000	C214	1
	37	MS16562-194	2 PIN, SPG, CRES, 0.062 DIA X 1/2 LG 311-0421-000		1
	38	193-C010-051	2 CAPACITOR, VAR, 2.7 TO 30.6 UUF, 650 VACW V74970 922-1020-030	C222	1
	- 39	1214-00-00-0 543	2 WASHER, LOCK, CAD. PL STL, 0.256 ID, 0.478 OD V78189 373-1080-000		1



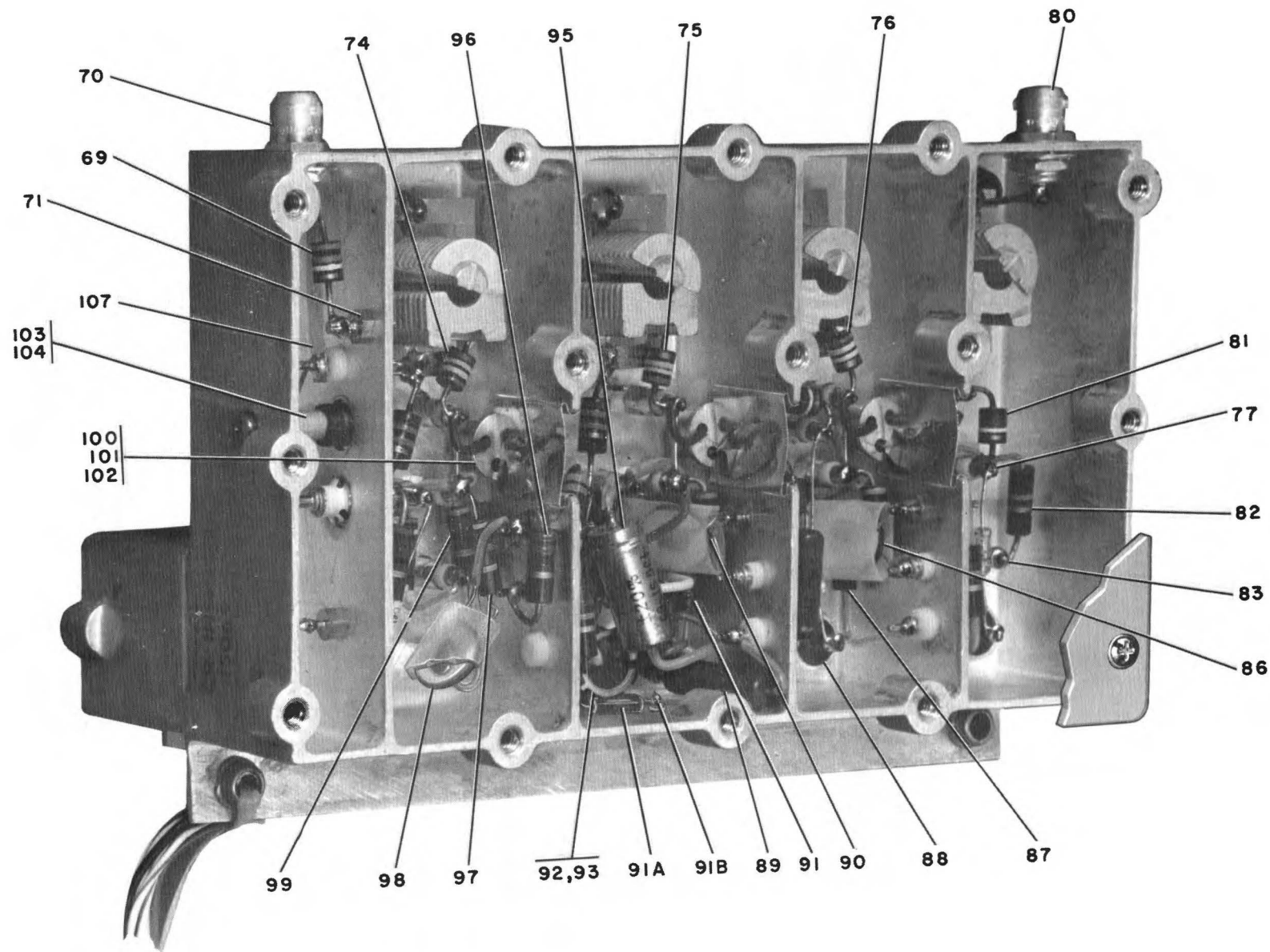
GROUP ASSEMBLY PARTS LIST

Figure 6-8. Transmitter UHF Exciter Subassembly (Sheet 2 of 4, Index 32 Through 68)

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GROUP ASSEMBLY PARTS LIST

FIG. - ITEM	PART NO.	INDENT.	NOMENCLATURE	UNITS PER ASSY.	USAGE CODE
6- 8	40	GA3-3UUFPORM 5PCT	2 CAPACITOR, FXD, 3.3 UUF 5%, 500 VDCW V78488 913-2989-000	C226	1
R	41	MS16562-194	2 PIN, SPG, CRES, 0.062 DIA X 1/2 LG 311-0421-000		1
	42	193-C010-051	2 CAPACITOR, VAR, 2.7 TO 30.6 UUF, 650 VACW V74970 922-1020-030	C236	1
	- 43	1214-00-00-0 543	ATTACHING PARTS WASHER, LOCK, CAD. PL STL, 0.256 ID, 0.478 OD V78189 373-1080-000		1
	44	AB406D	2 TERMINAL, GRD V12615 306-1311-000		4
	- 45	P313-C050-00 0	2 NUT, PLAIN, HEX., NI PL BRS, 2-56 V77250 313-0050-000		4
	- 46	310-C075-000	2 WASHER, LOCK, SI BRZ, 0.086 ID, 0.165 OD /COML/		4
	47	GA3-9UUFPORM 5PCT	2 CAPACITOR, FXD, 3.9 UUF 5%, 500 VDCW V78488 913-2991-000	C238	1
	48	763-1685-001	2 SHIELD, RF		1
	49	2N3866	2 TRANSISTOR 352-0671-010	Q204	1
	50	763-1687-001	2 HOLDER, TSTR		1
	51	MS18130-4	2 COIL, RF, 0.47 UH 240-1565-000	L208	1
R	52	805-C14X5V01 03Z	2 CAPACITOR, FXD, 10,000 UUF P80M20%, 100 VDCW V72982 913-3680-000	C239	1
	53	JAN1N933	2 SEMICOND DEVICE 353-2051-000	CR204	1
	54	FB2B471Z	2 CAPACITOR, FXD, 470 UUF 20%, 500 VDCW V01121 913-4235-000	C242	1
	55	RC20GF223K	2 RESISTOR, FXD, 22,000 OHMS 10%, 1/2 W 745-1408-000	R215	1
	56	RC20GF223K	2 RESISTOR, FXD, 22,000 OHMS 10%, 1/2 W 745-1408-000	R217	1
	57	JAN1N933	2 SEMICOND DEVICE 353-2051-000	CR203	1
	58	FB2B471Z	2 CAPACITOR, FXD, 470 UUF 20%, 500 VDCW V01121 913-4235-010	C230	1
	59	MS18130-4	2 COIL, RF, 0.47 UH 240-1565-000	L206	1
	60	RC20GF332K	2 RESISTOR, FXD, 3300 OHMS 10%, 1/2 W 745-1373-000	R213	1
	61	805-C14X5V01 03Z	2 CAPACITOR, FXD, 10,000 UUF P80M20%, 100 VDCW V72982 913-3680-000	C227	1
	62	RN65D1471F	2 RESISTOR, FXD, 1470 OHMS 1%, 1/2 W 705-7104-000	R230	1
	63	805-C14X5V01 03Z	2 CAPACITOR, FXD, 10,000 UUF P80M20%, 100 VDCW V72982 913-3680-000	C212	1
	64	RC20GF273K	2 RESISTOR, FXD, 27,000 OHMS 10%, 1/2 W 745-1412-000	R227	1
	65	RC20GF820K	2 RESISTOR, FXD, 82 OHMS 10%, 1/2 W 745-1307-000	R202	1
	66	RC20GF332K	2 RESISTOR, FXD, 3300 OHMS 10%, 1/2 W 745-1373-000	R205	1
	67	MS18130-4	2 COIL, RF, 0.47 UH 240-1565-000	L202	1



GROUP ASSEMBLY PARTS LIST

Figure 6-8. Transmitter UHF Exciter Subassembly (Sheet 3 of 4, Index 69 Through 107)

GROUP ASSEMBLY PARTS LIST

FIG. - ITEM	PART NO.	INDENT.	NOMENCLATURE	UNITS PER ASSY.	USAGE CODE
6- 8	68	CK60AW102M	2 CAPACITOR, FXD, 1000 UUF 20%, 1000 VDCW 913-1186-000 C204	1	
	69	GA3-3UUFQORM 5PCT	2 CAPACITOR, FXD, 3.3 UUF 5%, 500 VDCW V78488 913-2989-000 C210	1	
	70	0750	2 CONNECTOR, RECP V94375 J201	1	
	71	AB397-1	2 TERMINAL, STUD V12615 306-1286-000 ATTACHING PARTS	1	
-	72	P313-0050-00 0	2 NUT, PLAIN, HEX., NI PL BRS, 2-56 V77250 313-0050-000	1	
-	73	310-0075-000	2 WASHER, LOCK, SI BRZ, 0.086 ID, 0.165 OD /COML/	1	
	74	GA3-9UUFQORM 5PCT	2 CAPACITOR, FXD, 3.9 UUF 5%, 500 VDCW V78488 913-2991-000 C209	1	
	75	GA3-9UUFQORM 5PCT	2 CAPACITOR, FXD, 3.9 UUF 5%, 500 VDCW V78488 913-2991-000 C224	1	
	76	GA3-9UUFQORM 5PCT	2 CAPACITOR, FXD, 3.9 UUF 5%, 500 VDCW V78488 913-2991-000 C237	1	
	77	G4777-10	2 TERMINAL, STUD V12615 306-1018-000 ATTACHING PARTS	18	
-	78	P343-0298-00 0	2 SCREW, MACH., NI PL BRS, PAN HD, 2-56 X 3/16 V77250 343-0298-000	18	
-	79	310-0075-000	2 WASHER, LOCK, SI BRZ, 0.086 ID, 0.165 OD /COML/	18	
	80	0750	2 CONNECTOR, RECP V94375 J202	1	
	81	GA5-1UUFQORM 5PCT	2 CAPACITOR, FXD, 5.1 UUF 5%, 500 VDCW V78488 913-2994-000 C234	1	
	82	RC20GF223K	2 RESISTOR, FXD, 22,000 OHMS 10%, 1/2 W 745-1408-000 R222	1	
	83	AB396-1	2 TERMINAL, STUD V12615 306-1281-000 ATTACHING PARTS	5	
-	84	P343-0298-00 0	2 SCREW, MACH., NI PL BRS, PAN HD, 2-56 X 3/16 V77250 343-0298-000	5	
-	85	310-0075-000	2 WASHER, LOCK, SI BRZ, 0.086 ID, 0.165 OD /COML/	5	
	86	RL6GIT	2 RESISTOR, THRM, 84.4 OHMS 10%, 1.25 W V75263 714-3305-020 RT203	1	
	87	RC20GF103K	2 RESISTOR, FXD, 10,000 OHMS 10%, 1/2 W 745-1394-000 R216	1	
	88	FB2B471Z	2 CAPACITOR, FXD, 470 UUF 20%, 500 VDCW V01121 913-4235-010 C233	1	
	89	RN65D4221F	2 RESISTOR, FXD, 4220 OHMS 1%, 1/2 W 705-7126-000 R231	1	
	90	RL6GIT	2 RESISTOR, THRM, 84.4 OHMS 10%, 1.25 W V75263 714-3305-020 RT202	1	
	91	RC20GF152K	2 RESISTOR, FXD, 1500 OHMS 10%, 1/2 W 745-1359-000 R228	1	
R	91A	RC42BF561K	2 RESISTOR, FXD, 560 OHMS 10%, 2 W 745-5342-000 EFF MCN 298 SB 4 R237	1	
R	91B	TF300	2 TERMINAL, STUD V98291 306-1018-000 EFF MCN 298 SB 4 ATTACHING PARTS	1	
R	- 91C	P343-0298-00 0	2 SCREW, MACH., NI PL BRS, PAN HD, 2-56 X 3/16 V77250 343-0298-000	1	
R	- 91D	310-0075-000	2 WASHER, LOCK, SI BRZ, 0.086 ID, 0.165 OD, /COML/	1	
	92	2N1711	2 TRANSISTOR 352-0400-000 Q206	1	

GROUP ASSEMBLY PARTS LIST

FIG. - ITEM	PART NO.	INDENT.	NOMENCLATURE	UNITS PER ASSY.	USAGE CODE
6- 8	93	TXB2P032-037 -3B	2 HCLDER, SEMICOND DEVICE V98978 352-9884-000 ATTACHING PARTS	1	
-	94	IMC302	2 WASHER, NM, MICA, 1/8 ID, 3/8 OD V10583 302-0336-000 -----*-----	1	
	95	150D686X0015 R2	2 CAPACITOR, FXD, 68 UF 20%, 15 VDCW C218 V56289 184-7655-000	1	
	96	RC20GF682K	2 RESISTOR, FXD, 6800 OHMS 10%, 1/2 R226 W 745-1387-000	1	
	97	RC20GF472K	2 RESISTOR, FXD, 4700 OHMS 10%, 1/2 R208 W 745-1380-000	1	
	98	RL6GIT	2 RESISTOR, THRM, 84.4 OHMS 10%, RT201 1.25 W V75263 714-3305-020	1	
	99	RC20GF391K	2 RESISTOR, FXD, 390 OHMS 10%, 1/2 W R207 745-1335-000	1	
	100	763-1685-001	2 SHIELD, RF	1	
	101	2N3866	2 TRANSISTOR 352-0671-010 Q202	1	
	102	763-1687-001	2 HOLDER, TSTR	1	
	103	2N3563	2 TRANSISTOR 352-0630-010 Q201	1	
	104	TXB2-019-028 B	2 HOLDER, SEMICOND DEVICE V98978 352-9984-010 ATTACHING PARTS	1	
-	105	P343-0303-00	2 SCREW, MACH., NI PL BRS, PAN HD, 2-56 X 1/2 V77250 343-0303-000	1	
-	106	541-5957-002	2 SPACER, SLV -----*-----	1	
	107	763-1689-001	2 LEAD, ELECTRICAL	1	
	108	MS16562-194	2 PIN, SPG, CRES, 0.062 DIA X 1/2 LG 311-0421-000	1	
	109	193-0010-051	2 CAPACITOR, VAR, 2.7 TO 30.6 UUF, C208 650 VACW V74970 922-1020-030 ATTACHING PARTS	1	
-	110	1214-00-00-0 543	2 WASHER, LOCK, CAD. PL STL, 0.256 ID, 0.478 OD V78189 373-1080-000 -----*-----	1	
	111	763-1688-001	2 COIL, RF L203	1	
	112	GA-68UUFPORM 5PCT	2 CAPACITOR, FXD, 0.68 UUF 5%, 500 C215 VDCW V78488 913-2974-000	1	
	113	RC07GF153K	2 RESISTOR, FXD, 15,000 OHMS 10%, R233 1/4 W 745-0791-000	1	
	114	763-1688-001	2 COIL, RF L205	1	
	115	763-1685-001	2 SHIELD, RF	1	
	116	2N3866	2 TRANSISTOR 352-0671-010 Q203	1	
	117	763-1687-001	2 HOLDER, TSTR	1	
	118	RC07GF153K	2 RESISTOR, FXD, 15,000 OHMS 10%, R234 1/4 W 745-0791-000	1	
	119	GA-68UUFPORM 5PCT	2 CAPACITOR, FXD, 0.68 UUF 5%, 500 C229 VDCW V78488 913-2974-000	1	
	120	GA5-1UUFPORM 5PCT	2 CAPACITOR, FXD, 5.1 UUF 5%, 500 C232 VDCW V78488 913-2994-000	1	
	121	763-1688-001	2 COIL, RF L207	1	
	122	MS16562-194	2 PIN, SPG, CRES, 0.062 DIA X 1/2 LG 311-0421-000	1	
	123	193-0010-051	2 CAPACITOR, VAR, 2.7 TO 30.6 UUF, C247 650 VDCW V74970 922-1020-030	1	

GROUP ASSEMBLY PARTS LIST

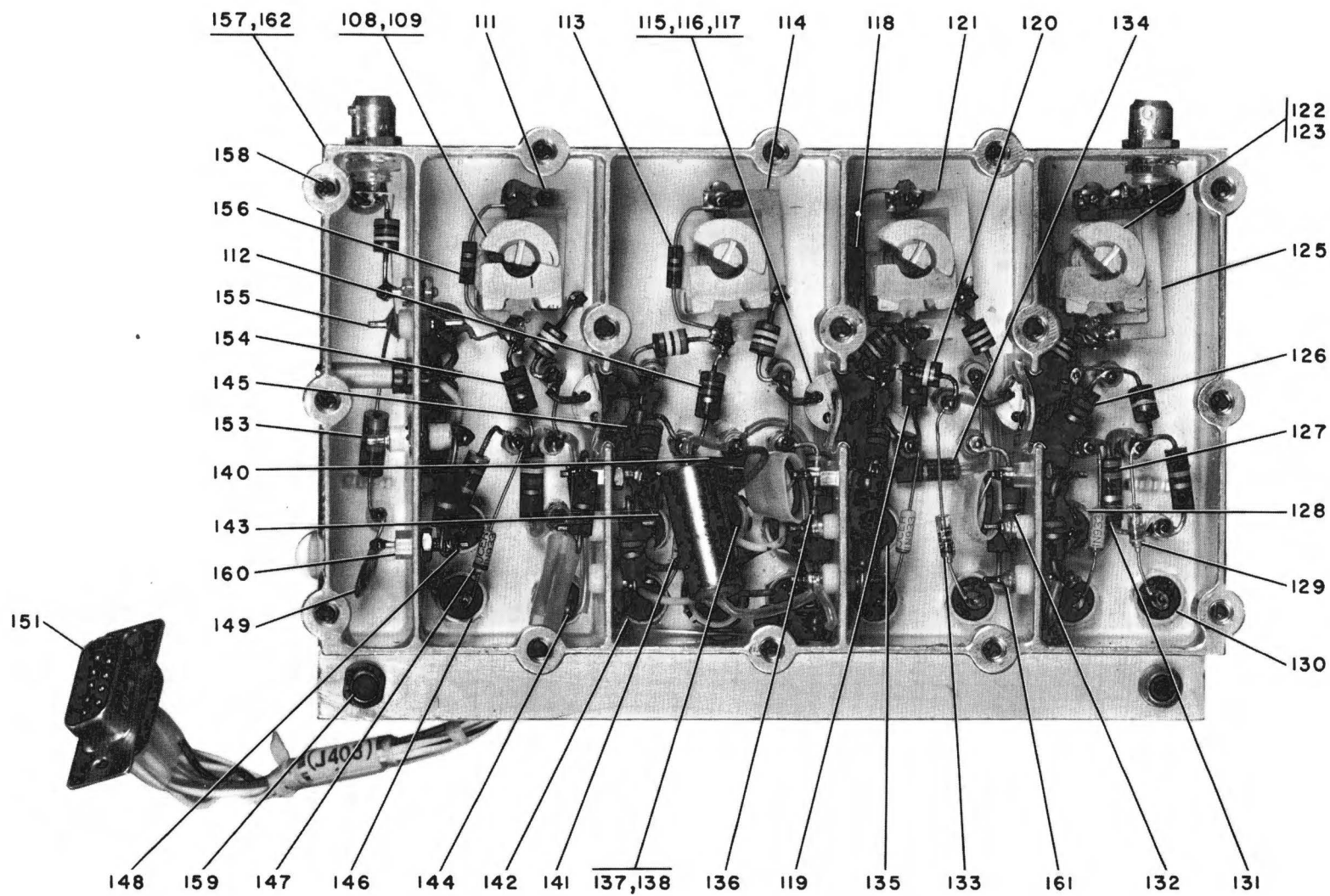


Figure 6-8. Transmitter UHF Exciter Subassembly (Sheet 4 of 4, Index 108 Through 162)

GROUP ASSEMBLY PARTS LIST

FIG. - ITEM	PART NO.	INDENT.	NOMENCLATURE	UNITS PER ASSY.	USAGE CODE
6- 8			ATTACHING PARTS		
-124	1214-00-00-0 543	2	WASHER, LOCK, CAD. PL STL, 0.256 ID, 0.478 OD V78189 373-1080-000 -----*-----	1	
6- 8 -124	1214-00-00-0 543	2	WASHER, LOCK, CAD. PL STL, 0.256 ID, 0.478 OD V78189 373-1080-000	1	
125	763-1691-001	2	COIL, RF, NC. 2	L209	1
126	GA-68UUF PORM 5PCT	2	CAPACITOR, FXD, 0.68 UUF 5%, 500 VDCW V78488 913-2974-000	C241	1
127	RC20GF332K	2	RESISTOR, FXD, 3300 OHMS 10%, 1/2 W 745-1373-000	R220	1
128	FB2B471Z	2	CAPACITOR, FXD, 470 UUF 20%, 500 VDCW V01121 913-4235-010	C240	1
129	1N457	2	SEMICOND DEVICE 353-0204-000	CR206	1
130	FB2B471Z	2	CAPACITOR, FXD, 470 UUF 20%, 500 VDCW V01121 913-4235-010	C235	1
131	RC20GF223K	2	RESISTOR, FXD, 22,000 OHMS 10%, 1/2 W 745-1408-000	R223	1
132	RC20GF471K	2	RESISTOR, FXD, 470 OHMS 10%, 1/2 W 745-1338-000	R218	1
133	1N457	2	SEMICOND DEVICE 353-0204-000	CR205	1
134	RC20GF682K	2	RESISTOR, FXD, 6800 OHMS 10%, 1/2 W 745-1387-000	R219	1
135	FB2B471Z	2	CAPACITOR, FXD, 470 UUF 20%, 500 VDCW V01121 913-4235-010	C228	1
R 136	RC20GF391K	2	RESISTOR, FXD, 390 OHMS 10%, 1/2 W 745-1335-000	R211	1
137	2N1711	2	TRANSISTOR 352-0400-000	Q205	1
138	TXB2P032-037 -3B	2	HOLDER, SEMICOND DEVICE V98978 352-9884-000		1
-139	IMC302	2	ATTACHING PARTS WASHER, NM, MICA, 1/8 ID, 3/8 OD V10583 302-0336-000 -----*-----	1	
140	RC20GF472K	2	RESISTOR, FXD, 4700 OHMS 10%, 1/2 W 745-1380-000	R212	1
141	JAN1N933	2	SEMICOND DEVICE 353-2051-000	CR202	1
142	FB2B471Z	2	CAPACITOR, FXD, 470 UUF 20%, 500 VDCW V01121 913-4235-010	C216	1
143	FB2B471Z	2	CAPACITOR, FXD, 470 UUF 20%, 500 VDCW V01121 913-4235-010	C213	1
144	FB2B471Z	2	CAPACITOR, FXD, 470 UUF 20%, 500 VDCW V01121 913-4235-010	C211	1
145	MS18130-4	2	COIL, RF, 0.47 UH 240-1565-000	L204	1
146	FB2B471Z	2	CAPACITOR, FXD, 470 UUF 20%, 500 VDCW V01121 913-4235-000	C206	1
147	JAN1N933	2	SEMICOND DEVICE 353-2051-000	CR201	1
148	FB2B471Z	2	CAPACITOR, FXD, 470 UUF 20%, 500 VDCW V01121 913-4235-010	C202	1
149	805-014X5V01 03Z	2	CAPACITOR, FXD, 10,000 UUF P80M20%, 100 VDCW V72982 913-3680-000	C225	1
-150	767-7428-001	2	WIRING HARNESS, BRANCHED, UHF EXCITER		1
151	DE9PC33	3	CONNECTOR, RECP V71468 371-0168-000	P203	1
-152	20419	3	SCREW LOCK ASSY V71468 371-0040-000		2
153	MS18130-4	2	COIL, RF, 0.47 UH 240-1565-000	L201	1

section 6
parts list

GROUP ASSEMBLY PARTS LIST

FIG. - ITEM	PART NO.	INDENT.	NOMENCLATURE	UNITS PER ASSY.	USAGE CODE
6- 8	154	GA-68UUF0RM 5PCT	2 CAPACITOR, FXD, 0.68 UUF 5%, 500 VDCW V78488 913-2974-000	C205	1
	155	2465-008W5T0 102P	2 CAPACITOR, FXD, 1000 UUF GMV, 500 VDCW V72982 913-3208-000	C201	1
	156	RC07GF153K	2 RESISTOR, FXD, 15,000 OHMS 10%, 1/4 W 745-0791-000	R232	1
	157	767-7427-001	2 CHASSIS, ELECTRICAL EQUIP.		1
	158	MS122076	3 INSERT, SCR THD, CRES, 4-40 X 0.112 012-1625-000		23
	159	F12NCFMA2-62	3 NUT, SELF-LKG, CLINCH, CAD. PL STL, 6-32 V72962 333-0842-000		4
	160	SL173-197	3 TERMINAL, STANDOFF V12615 306-1261-000		4
	161	SL174-198	3 TERMINAL, FEEDTHRU V12615 306-1271-000		5
	162	763-1543-001	3 CHASSIS, ELECTRICAL EQUIP., UHF EXCITER		1
6- 9 -	0	528-0605-001	1 FREQUENCY MULTIPLIER OSCILLATOR SEE FIG. 6-1-149 FOR NHA		REF
	1	905-C007	2 OVEN, XTAL V75378 292-0307-010	Z1	1
	2	763-1516-001	2 COVER, OSC-DBLR, NO. 2 ATTACHING PARTS		1
-	3	MS51957-14	2 SCREW, MACH., SST, PAN HD, 4-40 X 5/16 343-0134-000		6
-	4	MS35338-78	2 WASHER, LOCK, CRES, 0.115 ID, 0.212 OD 310-0279-000 -----*		6
	5	MS18130-12	2 COIL, RF, 2.2 UH 240-1572-000	L15	1
	6	FB2B102W	2 CAPACITOR, FXD, 1000 UUF GMV, 500 VDCW V01121 913-4235-020	C29	1
	7	MS18130-17	2 COIL, RF, 5.6 UH 240-1577-000	L6	1
	8	FB2B102W	2 CAPACITOR, FXD, 1000 UUF GMV, 500 VDCW V01121 913-4235-020	C23	1
	9	FB2B102W	2 CAPACITOR, FXD, 1000 UUF GMV, 500 VDCW V01121 913-4235-020	C24	1
	10	FB2B102W	2 CAPACITOR, FXD, 1000 UUF GMV, 500 VDCW V01121 913-4235-020	C26	1
	11	FB2B102W	2 CAPACITOR, FXD, 1000 UUF GMV, 500 VDCW V01121 913-4235-020	C30	1
	12	MS18130-14	2 COIL, RF, 3.3 UH 240-1574-000	L12	1
	13	MS18130-17	2 COIL, RF, 5.6 UH 240-1577-000	L8	1
	14	FB2B102W	2 CAPACITOR, FXD, 1000 UUF GMV, 500 VDCW V01121 913-4235-020	C27	1
	15	FB2B102W	2 CAPACITOR, FXD, 1000 UUF GMV, 500 VDCW V01121 913-4235-020	C42	1
	16	MS18130-14	2 COIL, RF, 3.3 UH 240-1574-000	L11	1
	17	FB2B102W	2 CAPACITOR, FXD, 1000 UUF GMV, 500 VDCW V01121 913-4235-020	C37	1
	18	FB2B102W	2 CAPACITOR, FXD, 1000 UUF GMV, 500 VDCW V01121 913-4235-020	C41	1
	19	MS18130-12	2 COIL, RF, 2.2 UH 240-1572-000	L16	1

GROUP ASSEMBLY PARTS LIST

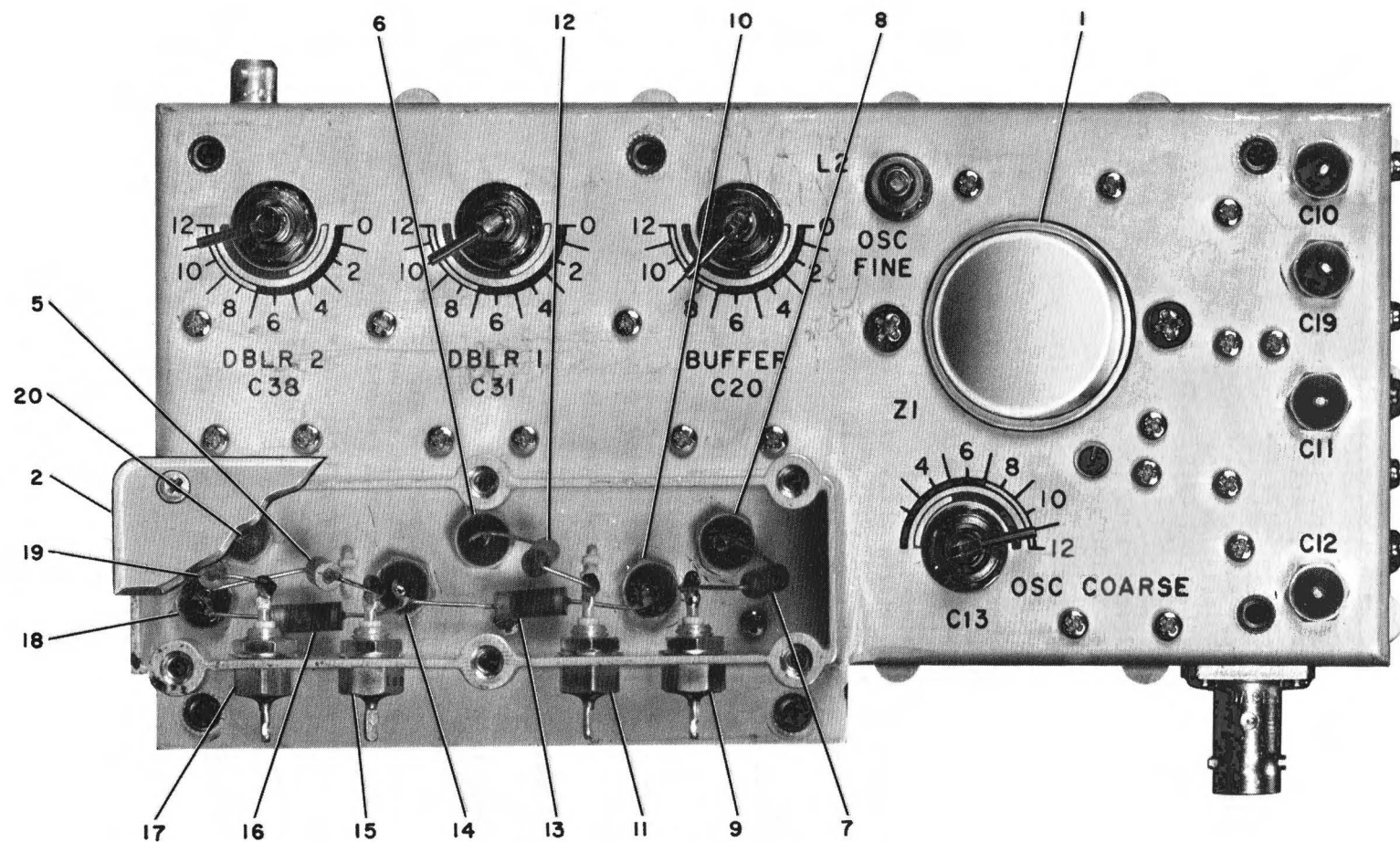


Figure 6-9. Frequency Multiplier Oscillator (Sheet 1 of 4, Index 1 Through 20)

GROUP ASSEMBLY PARTS LIST

FIG. - ITEM	PART NO.	INDENT.	NOMENCLATURE	UNITS PER ASSY.	USAGE CODE	
6- 9	20	FB2B102W	2	CAPACITOR, FXD, 1000 UUF GMV, 500 VDCW V01121 913-4235-020	C36	1
	21	763-1515-001	2	COVER, OSC-DBLR, NO. 1 ATTACHING PARTS		1
- 22	MS51957-14	2	SCREW, MACH., SST, PAN HD, 4-40 X 5/16 343-0134-000		17	
- 23	MS35338-78	2	WASHER, LOCK, CRES, 0.115 ID, 0.212 OD 310-0279-000 -----*-----		17	
	24	805-014X5V01 03Z	2	CAPACITOR, FXD, 10,000 UUF P80M20%, 100 VDCW V72982 913-3680-001	C17	1
	25	CM05D391K03	2	CAPACITOR, FXD, 390 UUF 10%, 500 VDCW 912-2859-000	C1	1
	26	763-1652-001	2	CCIL, RF	L2	1
	27	CM05D101K03	2	CAPACITOR, FXD, 100 UUF 10%, 500 VDCW 912-2817-000	C15	1
	28	AB397-1	2	TERMINAL, STUD V12615 306-1286-000 ATTACHING PARTS		3
- 29	P313-0050-00 0	2	NUT, PLAIN, HEX., NI PL BRS, 2-56 V77250 313-0050-000		3	
- 30	310-0075-000	2	WASHER, LOCK, SI BRZ, 0.086 ID, 0.165 OD /COML/ -----*-----		3	
	31	JAN2N706	2	TRANSISTOR 352-9058-000	Q2	1
	32	MS16562-194	2	PIN, SPG, CRES, 0.062 DIA X 1/2 LG 311-0421-000		1
	33	PL4788	2	CAPACITOR, VAR, 3.7 TO 45 UUF, 600 VACW V71313 922-1019-020 ATTACHING PARTS	C20	1
- 34	1214-00-00-0 543	2	WASHER, LOCK, CAD. PL STL, 0.256 ID, 0.478 OD V78189 373-1080-000 -----*-----		1	
	35	19C372	2	CAPACITOR, FXD, 470 UUF 20%, 500 VDCW V56289 913-3007-000	C16	1
	36	763-1546-001	2	CCIL, RF, OSC DBLR, NO. 3	L9	1
	37	CK12AX102M	2	CAPACITOR, FXD, 1000 UUF 20%, 100 VDCW 913-3019-000	C43	1
	38	805-014X5V01 03Z	2	CAPACITOR, FXD, 10,000 UUF P80M20%, 100 VDCW V72982 913-3680-000	C33	1
	39	2N3563	2	TRANSISTOR 352-0630-010	Q4	1
	40	805-014X5V01 03Z	2	CAPACITOR, FXD, 10,000 UUF P80M20%, 100 VDCW V72982 913-3680-000	C45	1
	41	MS16562-194	2	PIN, SPG, CRES, 0.062 DIA X 1/2 LG 341-0421-000		1
	42	160-130-55	2	CAPACITOR, VAR, 3.6 TO 27.7 UUF, 850 VACW V74970 922-1022-010 ATTACHING PARTS	C38	1
- 43	1214-00-00-0 543	2	WASHER, LOCK, CAD. PL STL, 0.256 ID, 0.478 OD V78189 373-1080-000 -----*-----		1	

GROUP ASSEMBLY PARTS LIST

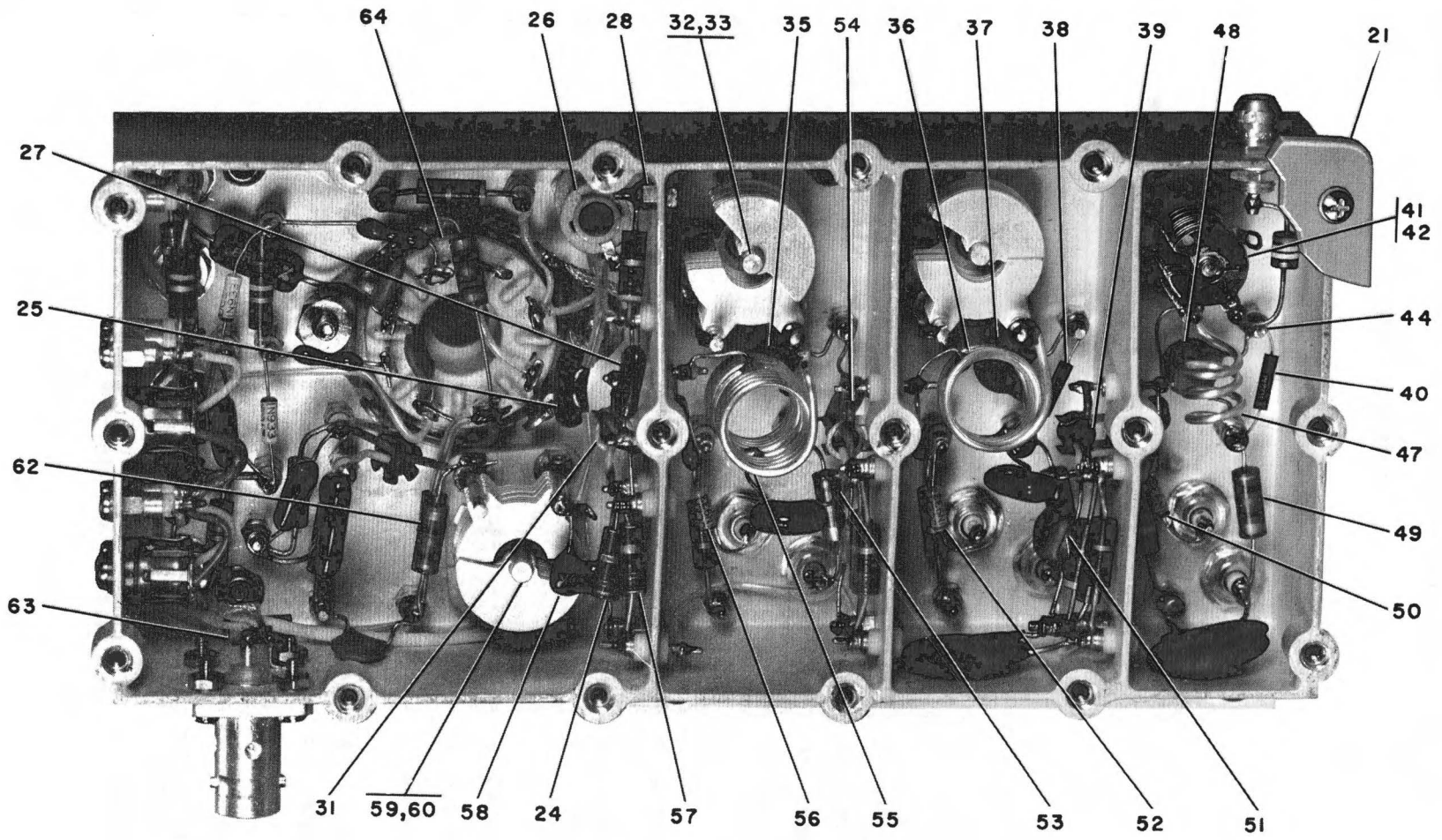


Figure 6-9. Frequency Multiplier Oscillator (Sheet 2 of 4, Index 21 Through 64)

GROUP ASSEMBLY PARTS LIST

FIG. - ITEM	PART NO.	INDENT.	NOMENCLATURE	UNITS PER ASSY.	USAGE CODE
6- 9 44	AB396-1	2	TERMINAL, STUD V12615 306-1281-000	9	
- 45	P343-0298-00 0	2	ATTACHING PARTS SCREW, MACH., NI PL BRS, PAN HD, 2-56 X 3/16 V77250 343-0298-000	9	
- 46	310-0075-000	2	WASHER, LOCK, SI BRZ, 0.086 ID, 0.165 OD /COML/ -----*	9	
47	763-1544-001	2	COIL, RF, OSC DBLR, NO. 1	L13	1
48	CK12AX102M	2	CAPACITOR, FXD, 1000 UUF 20%, 100 VDCW 913-3019-000	C40	1
49	MS1813C-12	2	COIL, RF, 2.2 UH 240-1572-000	L14	1
50	JAN1N933	2	SEMICONV DEVICE 353-2051-000	CR5	1
51	MS1813C-14	2	COIL, RF, 3.3 UH 240-1574-000	L10	1
52	JAN1N933	2	SEMICONV DEVICE 353-2051-000	CR4	1
53	MS1813C-17	2	COIL, RF, 5.6 UH 240-1577-000	L7	1
54	805-014X5V01 03Z	2	CAPACITOR, FXD, 10,000 UUF P80M20%, 100 VDCW V72982 913-3680-000	C22	1
55	763-1545-001	2	COIL, RF, OSC DBLR, NO. 2	L5	1
56	JAN1N933	2	SEMICONV DEVICE 353-2051-000	CR3	1
57	RC20GF272K	2	RESISTOR, FXD, 2700 OHMS 10%, 1/2 W 745-1370-000	R14	1
58	CM05C050K03	2	CAPACITOR, FXD, 5 UUF 10%, 500 VDCW 912-2751-000	C14	1
59	MS16562-194	2	PIN, SPG, CRES, 0.062 DIA X 1/2 LG 311-0421-000		1
60	PL4788	2	CAPACITOR, VAR, 3.7 TO 45 UUF, 600 VACW V71313 922-1019-020	C13	1
- 61	1214-00-00-0 543	2	ATTACHING PARTS WASHER, LOCK, CAD. PL STL, 0.256 ID, 0.478 OD V78189 373-1080-000 -----*		1
62	MS1813C-12	2	COIL, RF, 2.2 UH 240-1572-000	L3	1
63	MS1813C-17	2	COIL, RF, 5.6 UH 240-1577-000	L4	1
64	TS101C01	2	SOCKET, ELECTRON TUBE 220-1122-000	XZ1	1
- 65	P313-C053-00	2	ATTACHING PARTS NUT, PLAIN, HEX., NI PL BRS, 6-32 V77250 313-0053-000		2
- 66	310-C078-000	2	WASHER, LOCK, SI BRZ, 0.138 ID, 0.239 OD /COML/		2
- 67	P343-0329-00 0	2	SCREW, MACH., NI PL BRS, PAN HD, 6-32 X 5/16 V77250 343-0329-000 -----*		2
68	RC20GF183K	2	RESISTOR, FXD, 18,000 OHMS 10%, 1/2 W 745-1405-000	R11	1
69	RC20GF183K	2	RESISTOR, FXD, 18,000 OHMS 10%, 1/2 W 745-1405-000	R10	1
70	997F14	2	RESISTOR, THRM, 10,000 OHMS 10%, 0.5 W V10646 714-1738-000	RT1	1
71	FB2B102W	2	CAPACITOR, FXD, 1000 UUF GMV, 500 VDCW V01121 913-4235-020	C10	1
72	JAN1N933	2	SEMICONV DEVICE 353-2051-000	CR1	1
73	DM15F471K03	2	CAPACITOR, FXD, 470 UUF 10%, 500 VDCW V72136 912-2865-000	C21	1
74	DM15F471K03	2	CAPACITOR, FXD, 470 UUF 10%, 500 VDCW V72136 912-2865-000	C32	1

GROUP ASSEMBLY PARTS LIST

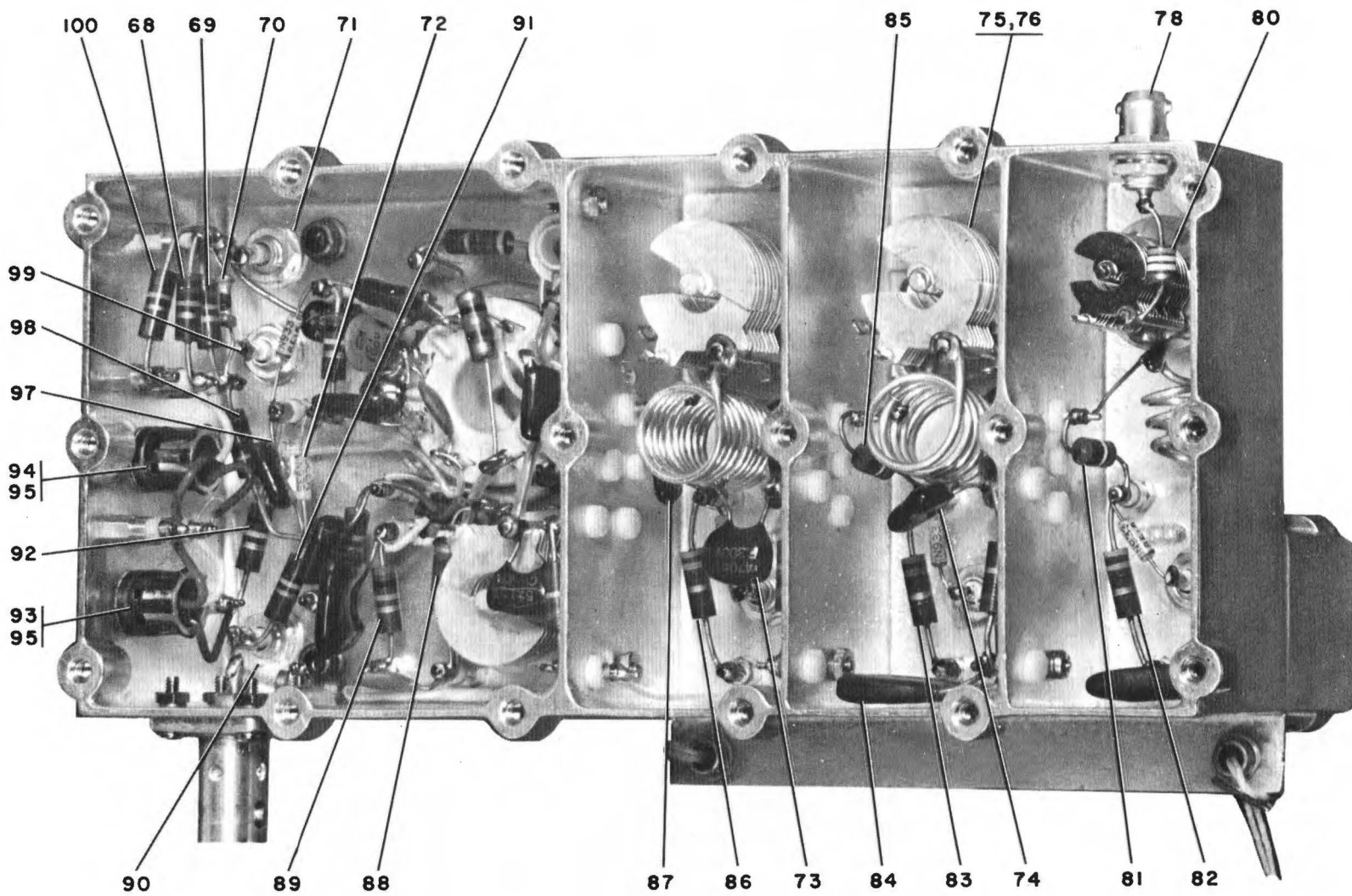


Figure 6-9. Frequency Multiplier Oscillator (Sheet 3 of 4, Index 68 Through 100)

GROUP ASSEMBLY PARTS LIST

FIG. - ITEM	PART NO.	INDENT.	NOMENCLATURE	UNITS PER ASSY.	USAGE CODE
6- 9	75	MS16562-194	2 PIN, SPG, CRES, 0.062 DIA X 1/2 LG 311-0421-000	1	
	76	PL4787	2 CAPACITOR, VAR, 3.4 TO 32 UUF, 600 C31 VACW V71313 922-1019-010	1	
			ATTACHING PARTS		
-	77	1214-00-00-0 543	2 WASHER, LOCK, CAD. PL STL, 0.256 ID, 0.478 OD V78189 373-1080-000 -----*-----	1	
	78	0750	2 CONNECTOR, RECP V94375 J4 357-9215-000	1	
			ATTACHING PARTS		
-	79	AN936B416B	2 WASHER, LOCK, CAD. PL P BRZ, 0.256 ID, 0.506 OD 373-7050-000 -----*-----	1	
	80	GA3-9UUF PORM 5PCT	2 CAPACITOR, FXD, 3.9 UUF 5%, 500 C39 VDCW V78488 913-2991-000	1	
	81	GA1-5UUF PORM 5PCT	2 CAPACITOR, FXD, 0.68 UUF 5%, 500 C35 VDCW V78488 913-2981-000	1	
	82	RC20GF332K	2 RESISTOR, FXD, 3300 OHMS 10%, 1/2 R25 W 745-1373-000	1	
	83	RC20GF332K	2 RESISTOR, FXD, 3300 OHMS 10%, 1/2 R21 W 745-1373-000	1	
	84	825-213X5V01 04Z	2 CAPACITOR, FXD, 100,000 UUF C59 P80M20%, 200 VDCW V72982 913-3681-000	1	
	85	GA1-5UUF PORM 5PCT	2 CAPACITOR, FXD, 1.5 UUF 5%, 500 C28 VDCW V78488 913-2981-000	1	
	86	RC20GF332K	2 RESISTOR, FXD, 3300 OHMS 10%, 1/2 R17 W 745-1373-000	1	
	87	CM05C050K03	2 CAPACITOR, FXD, 5 UUF 10%, 500 C18 VDCW 912-2751-000	1	
	88	RC20GF472K	2 RESISTOR, FXD, 4700 OHMS 10%, 1/2 R4 W 745-1380-000	1	
	89	RC20GF103K	2 RESISTOR, FXD, 10,000 OHMS 10%, 1/2 W 745-1394-000 R3	1	
	90	FB2B102W	2 CAPACITOR, FXD, 1000 UUF GMV, 500 C12 VDCW V01121 913-4235-020	1	
	91	RC20GF224K	2 RESISTOR, FXD, 220,000 OHMS 10%, 1/2 W 745-1450-000 R8	1	
	92	RC20GF104K	2 RESISTOR, FXD, 100,000 OHMS 10%, 1/2 W 745-1436-000 R7	1	
	93	JAN2N1711	2 TRANSISTOR 352-9097-000 Q5	1	
	94	JAN2N1711	2 TRANSISTOR 352-9097-000 Q6	1	
	95	TXB2P032-037 -3B	2 HGLDR, SEMICOND DEVICE V98978 352-9884-000	2	
			ATTACHING PARTS		
-	96	IMC302	2 WASHER, NM, MICA, 1/8 ID, 3/8 OD V10583 302-0336-000 -----*-----	2	
	97	FB2B102W	2 CAPACITOR, FXD, 1000 UUF GMV, 500 C11 VDCW V01121 913-4235-020	1	
	98	RC20GF822K	2 RESISTOR, FXD, 8200 OHMS 10%, 1/2 R9 W 745-1391-000	1	
	99	FB2B102W	2 CAPACITOR, FXD, 1000 UUF GMV, 500 C19 VDCW V01121 913-4235-020	1	

GROUP ASSEMBLY PARTS LIST

FIG. - ITEM	PART NO.	INDENT.	NOMENCLATURE	UNITS PER ASSY.	USAGE CODE
6- 9 100	RC20GF223K	2	RESISTOR, FXD, 22,000 OHMS 10%, 1/2 W 745-1408-000	R12	1
101	JAN1N933	2	SEMICOND DEVICE 353-2051-000	CR2	1
102	RW69V8R2	2	RESISTOR, FXD, 8.2 OHMS 5%, 3 W 747-5318-000	R6	1
103	805-014X5V01 03Z	2	CAPACITOR, FXD, 10,000 UUF P80M20%, 100 VDCW V72982 913-3680-000	C9	1
104	CM05C050K03	2	CAPACITOR, FXD, 5 UUF 10%, 500 VDCW 912-2751-000	C6	1
105	RC20GF471K	2	RESISTOR, FXD, 470 OHMS 10%, 1/2 W 745-1338-000	R2	1
106	MS1813C-8	2	COIL, RF, 1 UH 240-1568-000	L1	1
107	RC20GF470K	2	RESISTOR, FXD, 47 OHMS 10%, 1/2 W 745-1296-000	R15	1
108	JAN2N706	2	TRANSISTOR 352-9058-000	Q3	1
109	RC20GF272K	2	RESISTOR, FXD, 2700 OHMS 10%, 1/2 W 745-1370-000	R19	1
110	805-014X5V01 03Z	2	CAPACITOR, FXD, 10,000 UUF P80M20%, 100 VDCW V72982 913-3680-000	C34	1
111	RC20GF471K	2	RESISTOR, FXD, 470 OHMS 10%, 1/2 W 745-1338-000	R24	1
112	G4777-10	2	TERMINAL, STUD V12615 306-1018-000 ATTACHING PARTS		21
-113	P343-0298-00 0	2	SCREW, MACH., NI PL BRS, PAN HD, 2-56 X 3/16 V77250 343-0298-000		21
-114	313-0075-000	2	WASHER, LOCK, SI BRZ, 0.086 ID, 0.165 OD /COMPL/ -----*-----		21
115	825-213X5V01 04Z	2	CAPACITOR, FXD, 100,000 UUF P80M20%, 200 VDCW V72982 913-3681-000	C44	1
116	RC20GF272K	2	RESISTOR, FXD, 2700 OHMS 10%, 1/2 W 745-1370-000	R23	1
117	RC20GF122K	2	RESISTOR, FXD, 1200 OHMS 10%, 1/2 W 745-1356-000	R22	1
118	AB396-2	2	TERMINAL, STUD V12615 306-1282-000 ATTACHING PARTS		2
-119	P343-0298-00 0	2	SCREW, MACH., NI PL BRS, PAN HD, 2-56 X 3/16 V77250 343-0298-000		2
-120	310-0075-000	2	WASHER, LOCK, SI BRZ, 0.086 ID, 0.165 OD /COMPL/ -----*-----		2
121	RC20GF122K	2	RESISTOR, FXD, 1200 OHMS 10%, 1/2 W 745-1356-000	R18	1
122	RC20GF681K	2	RESISTOR, FXD, 680 OHMS 10%, 1/2 W 745-1345-000	R20	1
123	805-014X5V01 03Z	2	CAPACITOR, FXD, 10,000 UUF P80M20%, 100 VDCW V72982 913-3680-000	C25	1
124	RC20GF122K	2	RESISTOR, FXD, 1200 OHMS 10%, 1/2 W 745-1356-000	R13	1
125	RC20GF821K	2	RESISTOR, FXD, 820 OHMS 10%, 1/2 W 745-1349-000	R16	1

GROUP ASSEMBLY PARTS LIST

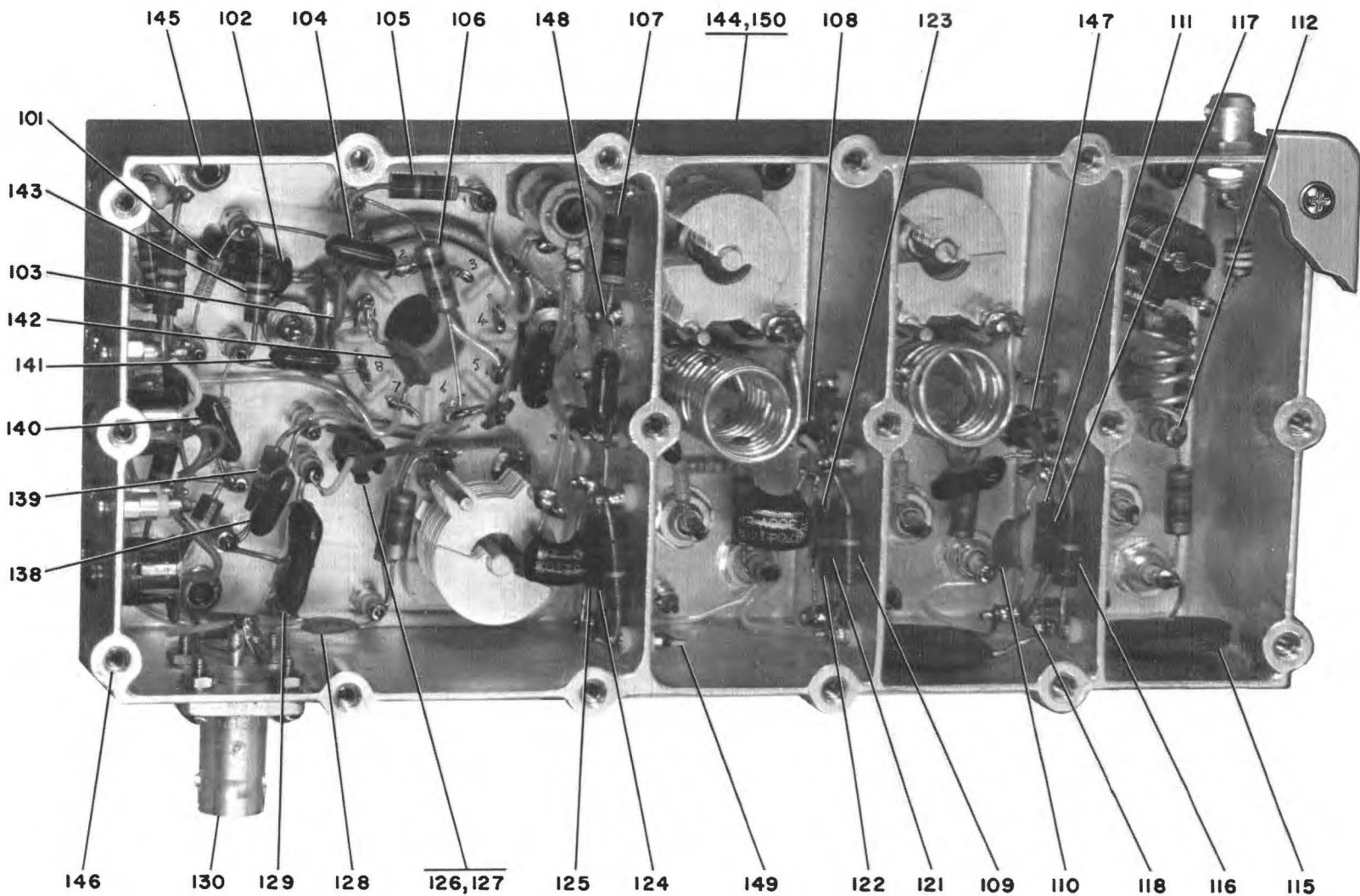


Figure 6-9. Frequency Multiplier Oscillator (Sheet 4 of 4, Index 101 Through 150)

GROUP ASSEMBLY PARTS LIST

FIG. - ITEM	PART NO.	INDENT.	NOMENCLATURE	UNITS PER ASSY.	USAGE CODE
6- 9	126	2N3563	2 TRANSISTOR 352-0630-010	Q1	1
	127	TXB2P019-28	2 HOLDER, SEMICOND DEVICE V98978 352-9959-000		1
	128	805-C14X5V01 03Z	2 CAPACITOR, FXD, 10,000 UUF P80M20%, 100 VDCW V72982 913-3680-000	C4	1
	129	CM06F821J03	2 CAPACITOR, FXD, 820 UUF 5%, 500 VDCW 912-2995-000	C2	1
	130	UG447U	2 CONNECTOR, RECP 357-9129-000	J12	1
	-131	P313-0050-00	2 ATTACHING PARTS NUT, PLAIN, HEX., NI PL BRS, 2-56 V77250 313-0050-000		3
	-132	310-0075-000	2 WASHER, LOCK, SI BRZ, 0.086 ID, 0.165 OD /COML/		3
	-133	P343-0300-00	2 SCREW, MACH., NI PL BRS, PAN HD, 2-56 X 5/16 V77250 343-0300-000		3
	-134	P313-0050-00	2 NUT, PLAIN, HEX., NI PL BRS, 2-56 V77250 313-0050-000		1
	-135	310-0075-000	2 WASHER, LOCK, SI BRZ, 0.086 ID, 0.165 OD /COML/		1
	-136	4040-2HOTTIN NED	2 TERMINAL, LUG V77147 304-0014-000		1
	-137	P343-0300-00	2 SCREW, MACH., NI PL BRS, PAN HD, 2-56 X 5/16 V77250 343-0300-000 -----*		1
	138	RC20GF123K	2 RESISTOR, FXD, 12,000 OHMS 10%, 1/2 W 745-1398-000	R1	1
	139	CM05D181K03	2 CAPACITOR, FXD, 180 UUF 10%, 500 VDCW 912-2835-000	C3	1
	140	CM05D470K03	2 CAPACITOR, FXD, 47 UUF 10%, 500 VDCW 912-2793-000	C7	1
	141	CM05C050K03	2 CAPACITOR, FXD, 5 UUF 10%, 500 VDCW 912-2751-000	C5	1
	142	805-C14X5V01 03Z	2 CAPACITOR, FXD, 10,000 UUF P80M20%, 100 VDCW V72982 913-3680-000	C8	1
	143	RC20GF104K	2 RESISTOR, FXD, 100,000 OHMS 10%, 1/2 W 745-1436-000	R5	1
	144	767-6036-001	2 CHASSIS, ELECTRICAL EQUIP.		1
	145	F12NCFMA2-62	3 NUT, SELF-LKG, CLINCH, CAD. PL STL, 6-32 V72962 333-0842-000		6
	146	MS122076	3 INSERT, SCR THD, CRES, 4-40 X 0.112 012-1625-000		23
	147	98-417-352	3 CLIP, TSTR, INS V12815 139-3540-010		3
	148	SL173-197	3 TERMINAL, STANDOFF V12615 306-1261-000		10
	149	SL174-198	3 TERMINAL, FEEDTHRU V12615 306-1271-000		4
	150	763-1518-001	3 CHASSIS, ELECTRICAL EQUIP. OSC-DBLR		1

GROUP ASSEMBLY PARTS LIST

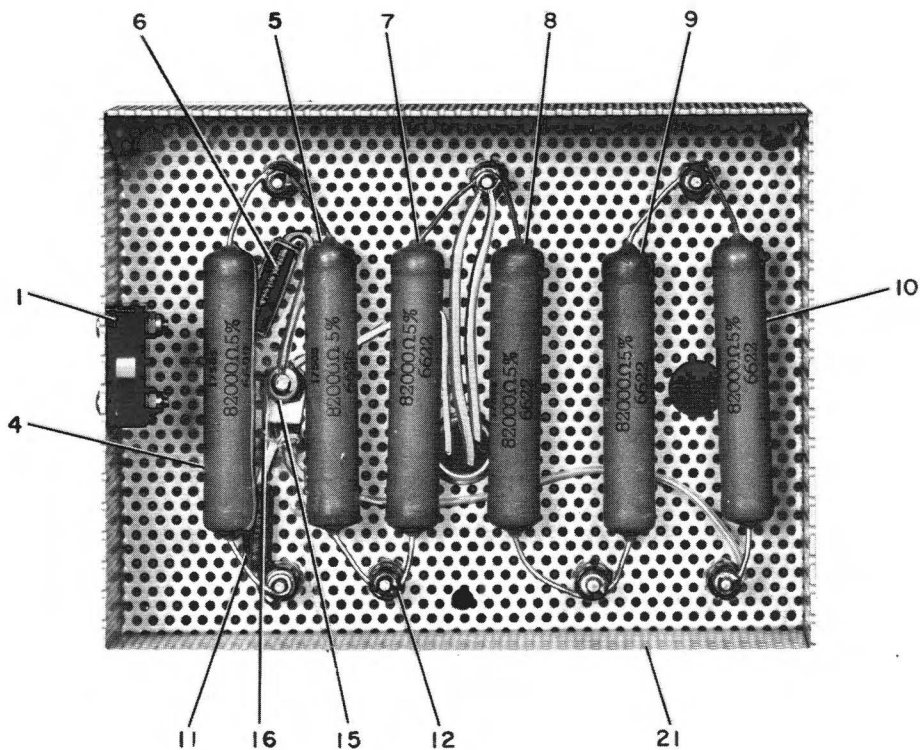


Figure 6-10. Resistor Assembly

FIG. - ITEM	PART NO.	INDENT.	NOMENCLATURE	UNITS PER ASSY.	USAGE CODE
6-1C - 0	767-6029-001	1	RESISTOR ASSY SEE FIG. 6-1-193 FCR NHA	REF	
1	16-4C4	2	SWITCH, SENSITIVE V04426 S410 266-7036-000	1	
			ATTACHING PARTS		
- 2	68-1660-26	2	NUT, SELF-LKG, HEX., ANOD AL, 2-56 V72962 333-0604-000	2	
- 3	MS51957-6	2	SCREW, MACH., SST, PAN HD, 2-56 X 7/16 343-0127-000	2	
			-----*		
4	1750S82000-5	2	RESISTOR, FXD, 82,000 OHMS 3%, 15 W V91637 747-0994-010 R445	1	
5	1750S82000-5	2	RESISTOR, FXD, 82,000 OHMS 3%, 15 W V91637 747-0994-010 R444	1	
R 6	RC32GF220K	2	RESISTOR, FXD, 22 OHMS 10%, 1 W 745-3282-000 R454 EFF MCN 161 SB 1	1	

GROUP ASSEMBLY PARTS LIST

FIG. - ITEM	PART NO.	INDENT.	NOMENCLATURE	UNITS PER ASSY.	USAGE CODE
6-10	7	1750S82000-5	2 RESISTOR, FXD, 82,000 OHMS 3%, 15 W V91637 747-0994-010 R443	1	
	8	1750S82000-5	2 RESISTOR, FXD, 82,000 OHMS 3%, 15 W V91637 747-0994-010 R440	1	
	9	1750S82000-5	2 RESISTOR, FXD, 82,000 OHMS 3%, 15 W V91637 747-0994-010 R441	1	
	10	1750S82000-5	2 RESISTOR, FXD, 82,000 OHMS 3%, 15 W V91637 747-0994-010 R442	1	
R	11	RN65D10R0F	2 RESISTOR, FXD, 10 OHMS 1%, 1/2 W 705-7000-000 EFF THRU MCN 160 SB 1 R423	1	
R	11	RN65D1001F	2 RESISTOR, FXD, 1000 OHMS 1%, 1/2 W 705-7096-000 EFF MCN 161 SB 1 R423	1	
	12	RTMT12M	2 TERMINAL, STUD V91663 306-0976-000 ATTACHING PARTS	7	
	- 13	MS51957-12	2 SCREW, MACH., SST, PAN HD, 4-40 X 3/16 343-0132-000	7	
	- 14	310-0045-000	2 WASHER, FLAT, CRES, 1/8 ID, 5/16 OD /COML/ -----*-----	7	
R	15	RTMT12M	2 TERMINAL, STUD V91663 306-0976-000 EFF MCN 161 SB 1	1	
	16	2104-04-01-2 520N	2 TERMINAL, LUG V78189 304-0317-000 ATTACHING PARTS	1	
R	- 17	MS21044D04	2 NUT, SELF-LKG, HEX., ANOD AL, 4-40 333-0347-000 EFF THRU MCN 160 SB 1	1	
R	- 18	310-0045-000	2 WASHER, FLAT, CRES, 1/8 ID, 5/16 OD /COML/ EFF THRU MCN 160 SB 1	1	
R	- 19	MS51957-14	2 SCREW, MACH., SST, PAN HD, 4-40 X 5/16 343-0134-000 EFF THRU MCN 160 SB 1	1	
R	- 20	P343-0285-00 0	2 SCREW, MACH., NI PL BRS, PAN HD, 4-40 X 1/4 V77250 343-0285-000 EFF MCN 161 SB 1 -----*-----	1	
	21	767-6030-001	2 HOLDER, RES.	1	

