

PARTS LIST AND DESCRIPTIONS

TUBES

ITEM No.	USE	REPLACEMENT DATA			INSTALLATION NOTES
		HAMMARLUND PART No.	STANDARD REPLACEMENT	RMA BASE TYPE	
1	RF Amp.	6SS7	6SS7	6N	
2	Converter	6X4	6X4	6X4	
3	1st IF Amp.	6SS7	6SS7	6N	
4	2nd IF Amp.	6SS7	6SS7	6N	
5	3rd IF Amp.	6SS7	6SS7	6N	
6	Det. Noise Lim.	6H6	6H6	7A	
7	AF-LS Meter	6SN7GT	6SN7GT	6BD	
8	Power Output	6V6GT	6V6GT	7AC	
9	BFO	6B7	6B7	6N	
10	Rectifier	5U4G	5U4G	5T	
11	Voltage Reg.	OC3/VRL105	OC3/VRL105	4A3	

CAPACITORS

Capacity values given in the rating column are in mfd. for electrolytic and Paper Capacitors, and in mmfd. for Mica and Ceramic Capacitors.

ITEM No.	RATING	REPLACEMENT DATA				IDENTIFICATION CODES AND INSTALLATION NOTES
		HAMMARLUND PART No.	MALLORY PART No.	SOLAR PART No.	SARGENT PART No.	
12A	10	FP424	FP424	DY-3X10-450/20-25	EL-431	Filter.
B	10					"
C	10					"
13	25					"
14	0.5	TP415	TP415	S-6-05	TC-15	Line Bypass
15	0.5	TP415	TP415	S-6-05	TC-15	Line Bypass
16	0.5	TP415	TP415	S-6-05	TC-15	Line Bypass
17	0.5	TP415	TP415	S-6-05	TC-15	Line Bypass
18	0.5	TP415	TP415	S-6-05	TC-15	Line Bypass
19	0.5	TP415	TP415	S-6-05	TC-15	Line Bypass
20	0.5	TP415	TP415	S-6-05	TC-15	Line Bypass
21	0.1	TP412	TP412	S-4-01	TC-11	454-01
22	0.2	TP415	TP415	S-6-05	TC-15	654-05
23	0.5	TP415	TP415	S-6-05	TC-15	654-05
24	0.5	TP415	TP415	S-6-05	TC-15	654-05
25	0.1	TP412	TP412	S-4-01	TC-11	454-01
26	0.2	TP415	TP415	S-6-05	TC-15	654-05
27	0.2	TP415	TP415	S-6-05	TC-15	654-05
28	0.2	TP415	TP415	S-6-05	TC-15	654-05
29	0.2	TP412	TP412	S-6-02	TC-12	654-02
30	0.2	TP412	TP412	S-6-02	TC-12	654-02
31	0.2	TP412	TP412	S-6-02	TC-12	654-02
32	0.2	TP412	TP412	S-6-02	TC-12	654-02
33	0.5	TP415	TP415	S-6-05	TC-15	654-05
34	0.2	TP412	TP412	S-6-02	TC-12	654-02
35	0.5	TP415	TP415	S-6-05	TC-15	654-05
36	0.5	TP415	TP415	S-6-05	TC-15	654-05
37	0.2	TP412	TP412	S-6-02	TC-12	654-02
38	0.2	TP412	TP412	S-6-02	TC-12	654-02
39	0.2	TP412	TP412	S-6-02	TC-12	654-02
40	5	MC205	MC205	MOS-5-55	MS-55	1468-00005
41	300	MC241	MC241	MOS-5-33	MS-33	1468-00033
42	100	MC235	MC235	MOS-5-31	MS-31	1468-00031
43	100	MC235	MC235	MOS-5-31	MS-31	1468-00031
44	100	MC235	MC235	MOS-5-31	MS-31	1468-00031
45	673	MC241	MC241	MOS-5-31	MS-31	1468-00031
46	300	MC241	MC241	MOS-5-33	MS-33	1468-00033
47	1000	MC255	MC255	MO-5-21	LM-21	1468-001
48	1500	MC255	MC255	MO-5-21	LM-21	1468-001
49	50	MC255	MC255	MO-5-21	LM-21	1468-001
50	5100	MC255	MC255	MO-5-21	LM-21	1468-001
51	50	MC255	MC255	MO-5-21	LM-21	1468-001
52	50	MC255	MC255	MO-5-21	LM-21	1468-001
53	4700	MC255	MC255	MO-5-21	LM-21	1468-001
54	50	MC255	MC255	MO-5-21	LM-21	1468-001

*Parallel with one section of AF to obtain bypass section.

CONTROLS

ITEM No.	RATING	REPLACEMENT DATA				INSTALLATION NOTES
		HAMMARLUND PART No.	MALLORY PART No.	IC PART No.	CLAROSTAT PART No.	
55A	250KΩ	15355-1	NR44	D13-130	M-54-Z	Audio Gain Control Attach to 55A per Instructions
B	250KΩ	15355-1	NR44	D13-130	M-54-Z	" " " " " "
C	Switch	Not Req.	M26	A	SW-A	Sensitivity Control Attach to 56A per Instructions
56A	500Ω	15305-4	MR14	D11-114	M-19-S	" " " " " "
E	270KΩ	Not Req.	UM149	A	AM-55-S	Meter Adjustment Control
57A	Shaft	15257-1	SS12	D11-130	KSS-3#	Attach to 57A per Instructions
B	Shaft	Not Req.	SS12	E #		

#Split in knurled shaft may be used as screwdriver slot.

RESISTORS

ITEM No.	RATING	REPLACEMENT DATA		IDENTIFICATION CODES
		HAMMARLUND PART No.	MALLORY PART No.	
58	22KΩ	19302-9	BT-22	Red-Red-Blk. Parasitic Suppressor
59	220KΩ	19301-40	BTS-2200	Red-Red-Red RP Screen Dropping
60	470KΩ	19301-96	BTS-470K	Y1-V1-Y1. AVC Network
61	10KΩ	19301-56	BTS-10K	Br.-Blk.-Or. AVC Network
62	47KΩ	19301-72	BTS-47K	Y1-V1-Or. Converter Grid
63	22KΩ	19302-9	BT-22	Red-Red-Blk. Parasitic Suppressor
64	240KΩ	19302-34	BT-240	Red-V1-Br. Converter Cathode
65	47KΩ	19301-72	BTS-47K	Y1-V1-Or. Osc. Grid
66	15KΩ	19302-5	BT-15	Br.-Grn.-Blk. Parasitic Suppressor
67	220KΩ	19301-40	BTS-2200	Red-Red-Red Converter Screen Dropping
68	220KΩ	19301-40	BTS-2200	Red-Red-Red Converter Plate Filter
69	10KΩ	19301-56	BTS-10K	Br.-Blk.-Or. AVC Network
70	680KΩ	19301-28	BTS-680	Blue-Gray-Br. 1st IF Cathode
71	220KΩ	19301-40	BTS-2200	Red-Red-Red 1st IF Screen Dropping
72	220KΩ	19301-40	BTS-2200	Red-Red-Red 1st IF Plate Filter
73	200KΩ	19301-187	BTS-200	Or.-Blk.-Br. Selectivity Control
74	300KΩ	19301-196	BT-300	Gr.-Br.-Blk. Selectivity Control
75	51KΩ	19302-9	BT-51	Red-Red-Blk. Selectivity Control
76	22KΩ	19302-9	BT-22	Red-Red-Blk. Selectivity Control
77	10KΩ	19301-56	BTS-10K	Br.-Blk.-Or. AVC Network
78	300KΩ	19301-186	BT-300	Or.-Blk.-Br. Bias
79	390KΩ	19301-22	BT-390	Or.-White-Br. 2nd IF Cathode
80	220KΩ	19301-40	BTS-2200	Red-Red-Red 2nd IF Screen Dropping
81	220KΩ	19301-40	BTS-2200	Red-Red-Red 2nd IF Plate Filter
82	300KΩ	19301-186	BT-300	Or.-Blk.-Br. 3rd IF Cathode
83	47KΩ	19303-61	BT-47K	Y1-V1-Or. 3rd IF Screen Dropping
84	220KΩ	19301-231	BT-220	Red-Red-Red 3rd IF Plate Filter
85	62KΩ	19310-8	BT-62K	Blue-Red-Or. Sensitivity Limit
86	100KΩ	19301-72	BTS-100	Br.-Blk.-Br. Sensitivity Limit
87	47KΩ	19301-72	BTS-47K	Y1-V1-Or. 1st IF Filter
88	270KΩ	19301-90	BTS-270K	Red-V1-Y1. Limiter Plate Load
89	1Meg.	19301-104	BTS-1Meg.	Br.-Blk.-Grn. Limiter RF Blocking
90	320KΩ	19301-102	BTS-320K	Blue-Red-Y1. Limiter Cathode
91	2 Meg.	19301-169	BTS-2Meg.	Red-Blk.-Grn. AVC Network
92	100KΩ	19301-52	BTS-100K	Br.-Blk.-Red 1st AF Cathode
93	470KΩ	19301-96	BTS-470K	Y1-V1-Y1. Meter Bridge
94	470KΩ	19301-96	BTS-470K	Y1-V1-Y1. Meter Bridge
95	470KΩ	19301-96	BTS-470K	Y1-V1-Y1. Meter Bridge
96	24KΩ	19301-187	BTS-24K	Red-Y1-Or. Meter Bridge
97	24KΩ	19301-187	BTS-24K	Red-Y1-Or. 1st AF Plate Load
98	390KΩ	19301-220	BTS-390	Red-Blk.-Y1. Output Grid
99	27KΩ	19305-58	BT-27K	Or.-White-Br. Output Cathode
100	27KΩ	19305-11	BT-27K	Red-V1-Blk. Output Transformer Shunt
101	10KΩ	19301-56	BTS-10K	Br.-Blk.-Or. BFO Decoupling
102	100KΩ	19301-80	BTS-100K	Br.-Blk.-Y1. BFO Screen Dropping
103	100KΩ	19301-80	BTS-100K	Br.-Blk.-Y1. BFO Screen Dropping
104	220KΩ	19301-40	BTS-220K	Red-Red-Red Osc. Plate Load
105	10KΩ	19302-1	BT-10K	Br.-Blk.-Blk. Unused Osc. Coil Shunt
106	400KΩ	19300-47	BTS-400K	Red-Red-Red RF Plate Decoupling
107	220KΩ	19301-40	BTS-220K	Red-Red-Red RF Plate Decoupling