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CHASSIS COMPONENTS (continued) (TX)

Schematic Symbol	DESCRIPTION	PART NO.	Schematic Symbol No.	DESCRIPTION	PART NO.
	PILOT LAMPS (continued)				
1603	CM-2181 Lamp	8-0026			
1604	CM-2181 "	8-0026			
1605	CM-2181 "	8-0026			
1606	CM-2181 "	8-0026			
1607	CM-2181 "	8-0026			
	SWITCHES				
SW601	Spot Switch	11-0006			
SW602	Spring-Loaded Switch	11-0029			
SW603	E591 Mode Switch	11-0002			
SW604	E592 Meter Switch	11-0003			
SW605	Spring-Loaded Switch	11-0029			
	RELAY & SOCKET				
K601	4PDT Relay	10-0011			
	Relay Socket	10-0012			
	MISCELLANEOUS				
J601	Female Mic. Conn.	9-0038			
J602	S0239 Coax Conn.	9-0001			
P601	PL259 " "	9-0006			
P602	Control Cable Plug	9-0062			
P603	Male Mic. Conn.	9-0037			
	Lamp Socket	9-0011			
	On-the-Air Lamp Holder	13-0014			
	A8003 Readout Window	13-0015			
	A80012 Enunciator	13-0016			
	E593 RF Pick Up BD.	14-0001			
	Turner Microphone	14-0022			
M601	C594 Meter	15-0001			
	Meter and Enunciator	15-0012			
	P.C. BOARD				
	A10013 P.C. Board	14-0053			

**FRONT END P.C. BOARD RX**

Schematic Symbol	DESCRIPTION	PART NO.	Schematic Symbol No.	DESCRIPTION	PART NO.
	RESISTORS			CAPACITORS (continued)	
R101	100K 1/2W 5% Carbon	1-0778	C118	5.1pF 10% Tubular	2-0464
R102	2.2 Meg. 1/2W 5% Carbon	1-0794	C119	.01 +80-20% Z5U 500V	2-0049
R103	470K 1/2W 5% Carbon	1-0786	C120	.01 +80-20% Z5U 500V	2-0049
R104	68 ohm 1/2W 5% Carbon	1-0740	C121	.01 250V Mylar	2-0458
R105	6.8K 1W 10% Carbon	1-0841	C122	20PF NPO 10% 500V	2-0262
R106	47K 1/2W 5% Carbon	1-0774	C123	220PF Mica	2-0334
R107	470K 1/2W 5% Carbon	1-0786	C124	220PF Mica	2-0334
R108	4700 1/2W 5% Carbon	1-0762	C125	430PF Mica	2-0335
R109	6800 1/2W 5% Carbon	1-0764	C126	3-12PF Variable	2-0431
R110	68 ohm 1/2W 5% Carbon	1-0740	C127	10PF N220 10% 1KV	2-0517
R111	220K 1/2W 5% Carbon	1-0782	C128	47PF Mica	2-0331
R112	2200 1/2W 5% Carbon	1-0758	C129	2.2PF 10% Tubular	2-0462
R113	68 ohm 1/2W 5% Carbon	1-0740	C130	.001 +80-20% Z5U 500V	2-0036
R114	47K 1W 10% Carbon	1-0851	C131	5pF NPO 10% 500V	2-0001
R115	2200 1/2W 5% Carbon	1-0758	C132	6.8pF NPO 10% 500V	2-0593
R116	68K 1/2W 5% Carbon	1-0776	C133	470pF Z5U 10% 500V	2-0132
R117	1 Meg. 1/2W 5% Carbon	1-0790	C134	470pF " " "	2-0132
R118	47K 1/2W 5% Carbon	1-0774	C135	5 PF NPO 10% 500V	2-0001
			INDUCTORS		
R119	1000 ohm 1/2W 5% Carbon	1-0754	L101	A8138 Coil	3-0024
	CAPACITORS		L102	18 UHy Choke	3-0005
C101	20PF NPO 10% 500V	2-0262	L103	A8140 Coil	3-0025
C102	.001 +80-20% Z5U 500V	2-0036	L104	1 MHy Choke	3-0012
C103	.01 " " " "	2-0049	L105	A8398 Coil	3-0026
C104	.01 Z5U +80-20% 1KV	2-0100	L106	10 uh Choke	3-0021
C105	.001 " " " "	2-0036		Transformers	
C106	.005 " " " "	2-0048	T101	B8546 27 MHz	4-0019
C107	.001 " " " "	2-0036	T102	B8141 4 MHz	4-0022
C108	.001 " " " "	2-0036		Coil Shields	5-0078
C109	10PF NPO 10% 500V	2-0259	D101	IN4148 or 1N914	7-0013
C110	2.2pF 10% Tubular	2-0462		TUBES	
C111	20PF NPO 10% 500V	2-0259	V101	6DS4	8-0003
C112	.002 +80-20% Z5U 500V	2-0040	V102	6DS4	8-0003
C113	.001 " " " "	2-0036	V103	12AT7	8-0009
C114	20PF NPO 10% 500V	2-0262	V104	12AT7	8-0009
C115	20PF " " " "	2-0262		SOCKETS	
C116	5.1 PF 10% Tubular	2-0464		9 Pin P.C. Tube Socket	9-0024
C117	10PF NPO 10% 500V	2-0259		Crystal Socket	9-0039



IF P.C. BOARD RX

Schematic Symbol	DESCRIPTION	PART NO.	Schematic Symbol No.	DESCRIPTION	PART NO.
	RESISTORS		R238	2.2K 1/2W 5% Carbon	1-0758
R201	100K 1/2W 5% Carbon	1-0778	R239	470Kohm 1/2W5% Carbon	1-0786
R202	680 1/2W 5% Carbon	1-0752	R240	270 ohm 1W 10% Carbon	1-0824
R203	47K 1/2W 5% Carbon	1-0774	R241	10 Meg.1/2W 5% Carbon	1-0798
R204	2200 1/2W 5% Carbon	1-0758	R242	10 Meg.1/2W 5% Carbon	1-0798
R205	100K 1/2W 5% Carbon	1-0778			
R206	680 1/2W 5% Carbon	1-0752		CAPACITORS	
R207	47K 1/2W 5% Carbon	1-0774	C201	39PF NPO 500V	2-0266
R208	2200 1/2W 5% Carbon	1-0758	C202	.01 +80-20% Z5U 500V	2-0049
R209	100K 1/2W 5% Carbon	1-0778	C203	.01 +80-20% Z5U 500V	2-0049
R210	1000 1/2W 5% Carbon	1-0754	C204	.001 +80-20% Z5U 500V	2-0036
R211	47K 1/2W 5% Carbon	1-0774	C205	.01 +80-20% Z5U 500V	2-0049
R212	2200 1/2W 5% Carbon	1-0758	C206	.01 +80-20% Z5U 1KV	2-0100
R213	3300 1/2W 5% Carbon	1-0760	C207	.01 +80-20% Z5U 500V	2-0049
R214	220K 1/2W 5% Carbon	1-0782	C208	.01 +80-20% Z5U 500V	2-0049
R215	1 MEG. 1/2W 5% Carbon	1-0790	C209	.1 MFD 250V Mylar	2-0459
R216	470K 1/2W 5% Carbon	1-0786	C210	.01 +80-20% Z5U 500V	2-0049
R217	470K 1/2W 5% Carbon	1-0786	C211	.01 +80-20% Z5U 1KV	2-0100
R218	1 MEG. 1/2W 5% Carbon	1-0790	C212	.01 +80-20% Z5U 500V	2-0049
R219	1 MEG. 1/2W 5% Carbon	1-0790	C213	.01 +80-20% Z5U 500V	2-0049
R220	470K 1/2W 5% Carbon	1-0786	C214	.01 +80-20% Z5U 500V	2-0049
R221	22K 1/2W 5% Carbon	1-0770	C215	.01 +80-20% Z5U 1KV	2-0100
R222	100 ohm 1/2W 5% Carbon	1-0742	C216	100 PF 10% Mica	2-0292
R223	47K 1/2W 5% Carbon	1-0774	C217	100 PF 10% Mica	2-0292
R224	270K 1/2W 5% Carbon	1-0783	C218	.01 +80-20% Z5U 500V	2-0049
R225	15K 2W 10% Carbon	1-0922	C219	270 PF 10% 500V	2-0127
R226	4700 1/2W 5% Carbon	1-0762	C220	.02 +80 -20% Z5U 500V	2-0050
R227	150 ohm 1/2W 5% Carbon	1-0744	C221	.01 +80-20% Z5U 500V	2-0049
R228	100K 1/2W 5% Carbon	1-0778	C222	.01 +80-20% Z5U 500V	2-0049
R229	4.7 Meg.1/2W 5% Carbon	1-0798	C223	3-12 PF Variable	2-0431
R230	470K 1/2W 5% Carbon	1-0786	C224	3-12 PF Variable	2-0431
R231	1 MEG. 1/2W 5% Carbon	1-0790	C225	68 PF Dipped Mica	2-0296
R232	330K 1/2W 5% Carbon	1-0784	C226	330 PF Disc.	2-0027
R233	10 MEG. 1/2W 5% Carbon	1-0802	C227	270PF Mica 5%	2-0295
R234	10K 1/2W 5% Carbon	1-0766	C228	.01 +80-20% Z5U 500V	2-0049
R235	100K 1W 10% Carbon	1-0855	C229	.002 +80-20% Z5U 500V	2-0040
R236	1.8K 1W 10% Carbon	1-0757	C230	430 PF 5% Mica	2-0335
R237	100K 1/2W 5% Carbon	1-0778	C231	.002 +80-20% Z5U 500v	2-0040

IF P.C. BOARD (continued) RX

Schematic Symbol No.	DESCRIPTION	PART NO.	Schematic Symbol No.	DESCRIPTION	PART NO.
	CAPACITORS (continued)			P.C. BOARD	
C232	.22 MFD 250V Mylar	2-0457		P.C. Board	14-0021
C233	1.5PF Tubular	2-0461			
C234	.01 +80-20% Z5U 500V	2-0049			
C235	.001 " " " "	2-0036			
C236	.1 MFD 250V Mylar	2-0459			
C237	8 MFD 150V Electro.	2-0403			
C238	.001 +80-20% Z5U 500V	2-0036			
C239	5 MFD 50V Electro.	2-0372			
C240	.01 +80-20% Z5U 1KV	2-0100			
C241	470pF Z5U 10% 500V	2-0132			
C242	470pF " " " "	2-0132			
	INDUCTORS				
L201	2.2 MHy Choke	3-0013			
L202	2.2 Mhy Choke	3-0013			
LI	Ferrite Beads	3-0001			
	TRANSFORMERS				
T201	B8584 455 KHz	4-0023			
T202	B8584 " " " "	4-0023			
T203	B8584 " " " "	4-0023			
T204	B8584 " " " "	4-0023			
T205	B8584 " " " "	4-0023			
	DIODES				
D201	1N4005	7-0004			
D202	1N914 or 1N4148	7-0006			
D203	1N4005	7-0004			
D204	1N914 or 1N4148	7-0006			
D205	PD155	7-0008			
	TUBES				
V201	6BA6	8-0004			
V202	6BA6	8-0004			
V203	6BA6	8-0004			
V204	6BE6	8-0005			
V205	12AX7	8-0011			
V206	6AQ5	8-0007			
	SOCKETS				
	7 Pin P.C. Tube Socket	9-0023			
	9 Pin P.C. Tube Socket	9-0024			

VOLTAGE REGULATOR P.C. BOARD RX

Schematic Symbol	DESCRIPTION	PART NO.	Schematic Symbol No.	DESCRIPTION	PART NO.
	RESISTORS				
R301	3900 ½ W 5% Carbon	1-0761			
R302	470 2W 10% Carbon	1-0904			
R303	10K ½ W 5% Carbon	1-0766			
	-				
	DIODES				
D301	IN914 or IN414B	7-0013			
VR301	IN4739A 9.1V 2ENER	7-0036			
	TRANSISTOR				
0301	MPS6516	7-0038			
	P.C. Board	14-0024			

LED P.C. BOARD RX

Schematic Symbol No.	DESCRIPTION	PART NO.	Schematic Symbol No.	DESCRIPTION	PART NO.
	RESISTORS				
R401	390 ohm 1/2W 5% Carbon	1-0749			
R402	390 ohm 1/2W 5% Carbon	1-0749			
	LED'S				
1401	MV-5054-1	8-0027			
1402	MV-5054-1	8-0027			
1403	MV-5054-1	8-0027			
1404	MV-5054-1	8-0027			
1405	MV-5054-1	8-0027			
1406	MV-5054-1	8-0027			
	P.C. BOARD				
	P.C. Board	14-0023			
	LED Bracket	6-0275			
	CAPACITORS				
C401	470pF Z5U 10% 500V	2-0132			





**CHASSIS COMPONENTS RX**

Schematic Symbol No.	DESCRIPTION	PART NO.	Schematic Symbol No.	DESCRIPTION	PART NO.
	RESISTORS			TRANSFORMERS (continued)	
R1	220 ohm 1/2W 5% Carbon	1-0746	T2	C8006 Power XMFR	4-0021
R2	A8009 500 ohm Pot	11-0014		SHEET METAL	
R3	22K 10% 10W W.W.	1-0968		C9015 Bottom Plate	5-0009
R4	A8007 1 K ohm Pot w/sw.	11-0015		A9002 Meter Tabs	5-0011
R5	A8011 500K Pot	11-0030		Tuning Cap. Bracket	5-0012
R6	A8008 500K Pot w/sw.	11-0017		Eagle 2 3/4"	5-0046
R7	A325 10K Pot w/sw.	11-0016		Chassis	5-0040
R8	750 ohm 10% 10W W.W.	1-0983		Speaker Grille	5-0041
R9	250 ohm 10% 10W W.W.	1-0965		Speaker Bracket	5-0044
R10	1000 10% 2W Carbon	1-0908		9003 Front Panel	5-0042
R11	10K 10% 10W W.W.	1-0978		9006 Dust Cover	5-0043
R12	1000 10% 10W W.W.	1-0976		C9014 Oscillator Shield	5-0082
R13	A8002 100K Pot	11-0028		A8041 Antenna Shield	5-0083
	CAPACITORS			A9016 Crystal Shield	5-0088
C1	.001 +80-20% Z5U 500V	2-0036		KNOBS	
C2	.001 +80-20% Z5U 500V	2-0049		Large K12516 Knob	6-0001
C3	40-40-40-450V Electro.	2-0386		Small K9006 Knob	6-0002
C4	500 MFD 75V Electro.	2-0392		DIODES	
C5	2200 MFD 16V Electro.	2-0393	D1	PD1011	7-0003
C6	2200 MFD " "	2-0393	D2	PD1560	7-0037
C7	2 MFD 450V Electrolytic	2-0395	D3	PD1011	7-0003
C8	Main Tuning Capacitor	2-0416	VR1	IN3005B	7-0009
C9	40 MFD 450V Electro.	2-0394		PILOT LAMPS	
C10	.001 +80-20% Z5U 500V	2-0036	11	1847 Lamp	8-0022
C11	.001 +80-20% Z5U 500V	2-0036	12	1847 Lamp	8-0022
C12	2 MFD 450V Electro.	2-0395		SWITCHES	
C13	.005 Z5U +80-20% 500V	2-0048	SW1	A8017 Switch	11-0032
C14	.01 MFD +80-20% Z5U 500V	2-0049	SW2	A8018 Switch	11-0031
C15	470pF Z5U 10% 500V	2-0132		MISCELLANEOUS	
C16	.005 Z5U +80-20% 500V	2-0048		S0239 Coax Conn.	9-0001
C17	470pF Z5U 10% 500V	2-0132		Pilot Lamp Socket	9-0011
C18	470pF Z5U 10% 500V	2-0132	J1	Speaker Jack	9-0033
C19	470pF Z5U 10% 500V	2-0132	J2	Control Cable Socket	9-0061
C20	470pF Z5U 10% 500V	2-0132	F1	3Amp Fuse Slow Blow	10-0038
C21	470pF Z5U 10% 500V	2-0132	XF1	Fuse Holder	10-0002
	TRANSFORMERS			6' Line Cord	10-0004
T1	A8037 Speaker XMFR	4-0012		Dial	13-0023

CHASSIS COMPONENTS (continued) RX

Schematic Symbol No.	DESCRIPTION	PART NO.	Schematic Symbol No.	DESCRIPTION	PART NO.
	MISCELLANEOUS (continued)				
	Speaker	14-0010			
M1	Meter	15-0003			
	Meter Bezel	15-0012			
	T-Clips for Ennunc. Window	06-0048			