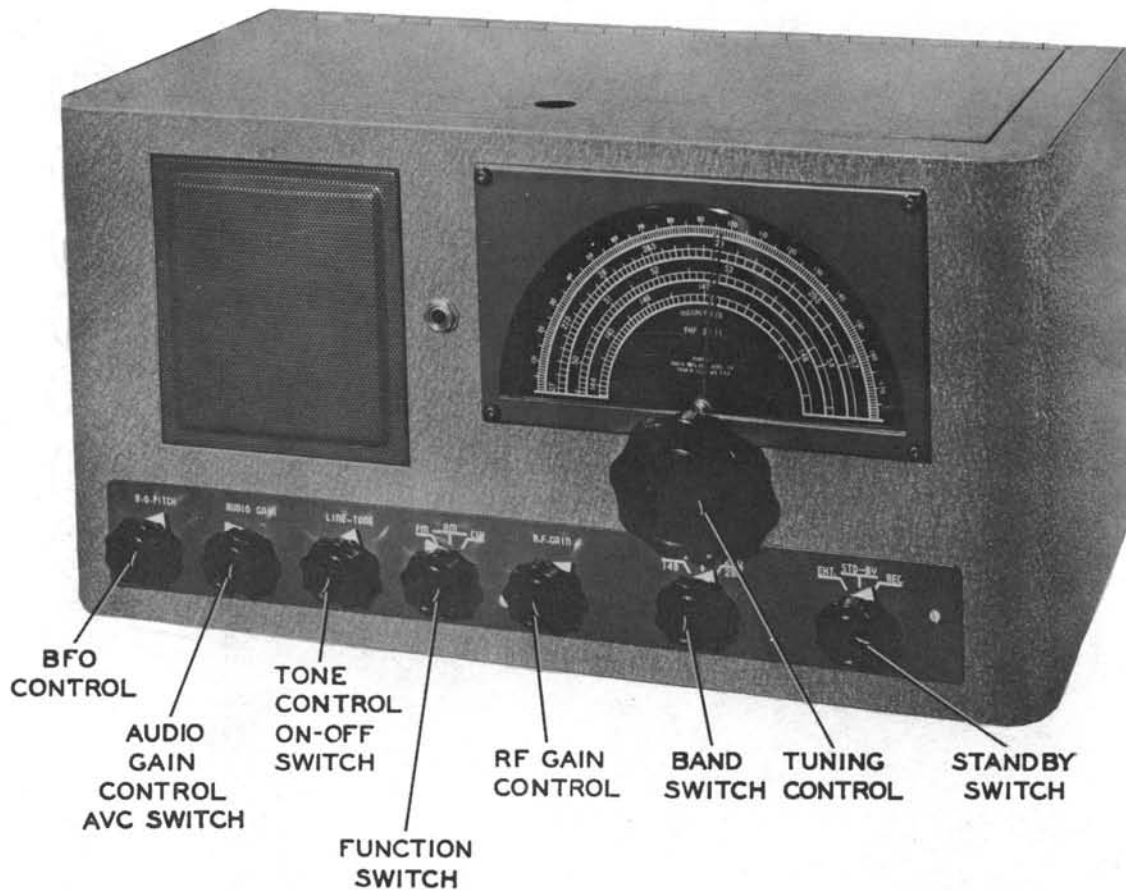




RME
MODEL VHF 2-11



RME
MODEL VHF 2-11

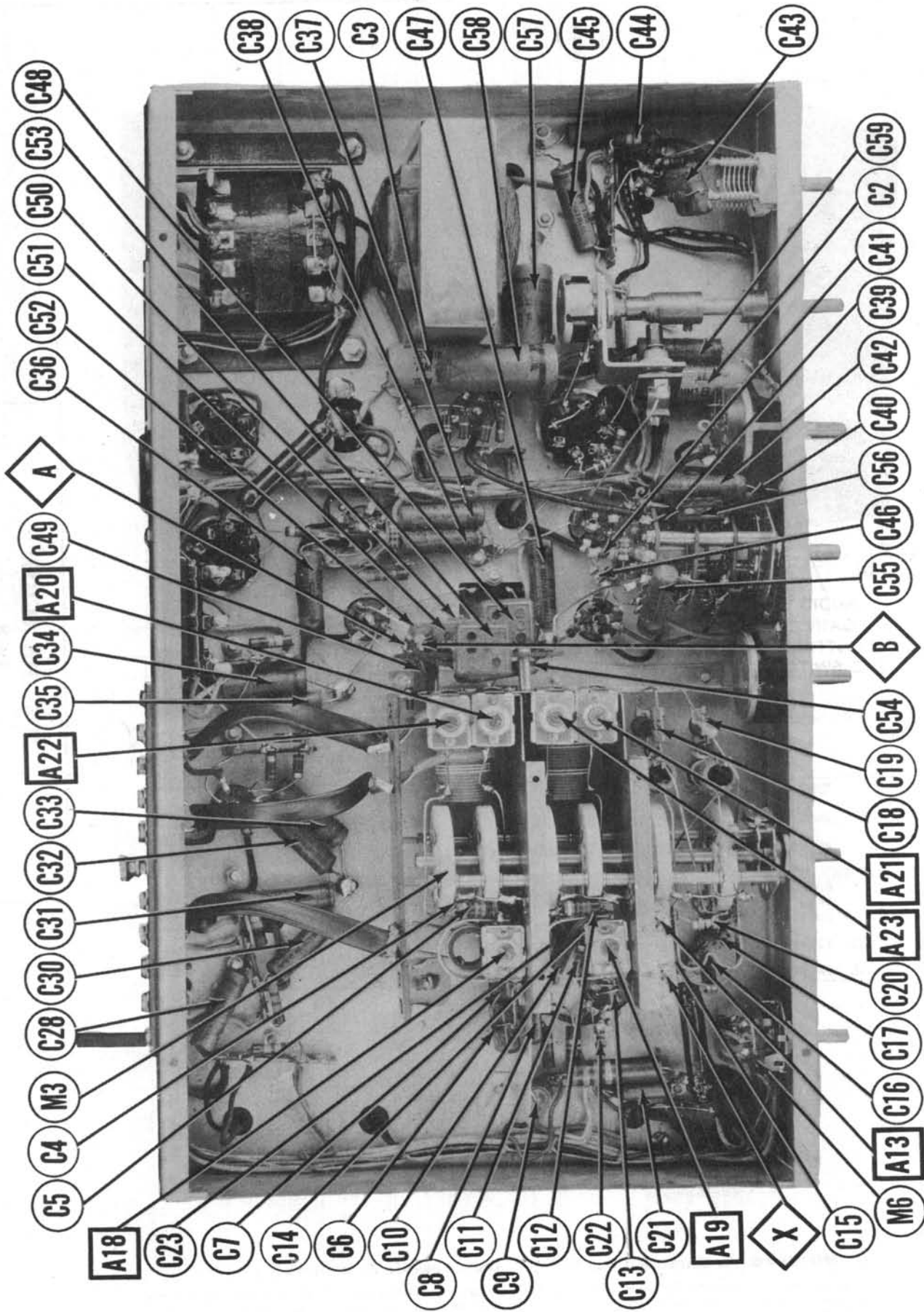
RME MODEL VHF 2-11

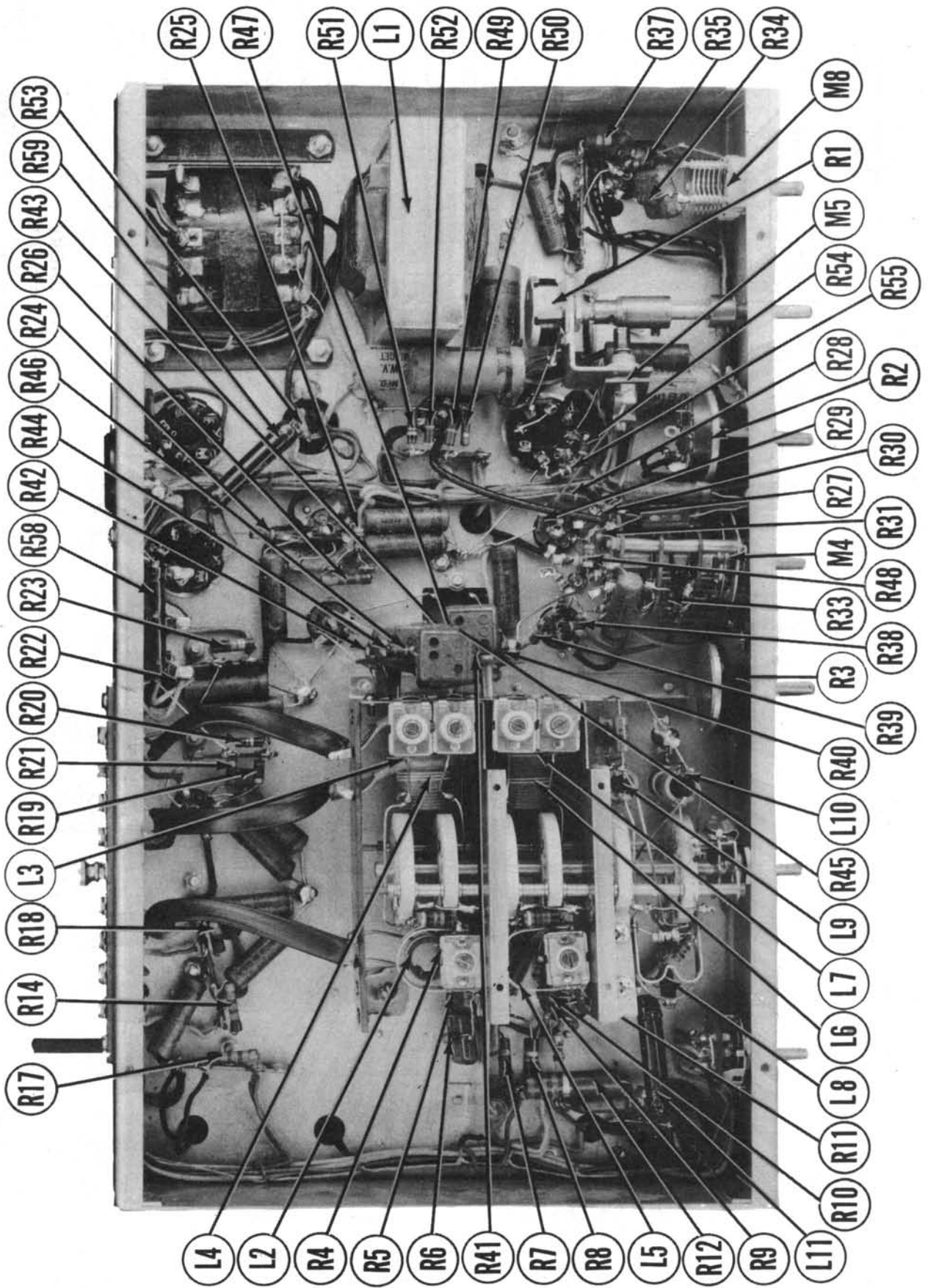
TRADE NAME	RME, Model VHF 2-11		
MANUFACTURER	Radio MFG. Engineers, Inc., 300-306 First Ave., Peoria, Illinois		
TYPE SET	AC Operated Superheterodyne Communications Receiver		
TUBES (THIRTEEN)	Types 6AK5 RF Amp., 12AT7 1st Converter, 6BE6 2nd Converter, 6BJ6 1st IF Amp., 6BJ6 2nd IF Amp., 6AL5 DET-AVC-Noise Limiter, 6BJ6 BFO, 6BJ6 Limiter, 6AL5 Ratio Det., 6AU6 or 6AJ6 AF Amp., 6G6G Power Output, VR150 Voltage Regulator, 5Y3GT Rectifier		
POWER SUPPLY	110-120 Volts AC	RATING	.69 Amp. @ 117 Volts AC
TUNING RANGE	SW #1 27.0-29.7MC	SW #2	50-54MC
		SW #3	144-148MC

HOWARD W. SAMS & CO., INC. • Indianapolis 7, Indiana

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PARTS LIST AND DESCRIPTIONS

TUBES (SYLVANIA or Equivalent)

ITEM No.	USE	REPLACEMENT DATA		RMA BASE TYPE	NOTES
		RVE PART No.	STANDARD REPLACEMENT		
V1	RF Amp.	6AK5	6AK5	7BD	
V2	1st Converter	12AT7	12AT7	9A	
V3	2nd Converter	6BE6	6BE6	7CH	
V4	1st IF Amp.	6BJ6	6BJ6	7CH	
V5	2nd IF Amp.	6BJ6	6BJ6	7CH	
V6	DET - AVC - Noise Limiter	6AL5	6AL5	6BT	
V7	BFO	6BJ6	6BJ6	7CM	
V8	Limiter	6BJ6	6BJ6	7CM	
V9	Radio Det.	6AL5	6AL5	6BT	
V10	AF Amp.	6AU6	6AU6	7BK	
V11	Power Output	6X6	6X6	7S	
V12	Voltage Regulator	0L3/VR-150	0L3/VR-150	4AJ	
V13	Rectifier	5Y3GT	5Y3GT	5T	

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 CAP. VOLT	REPLACEMENT DATA			IDENTIFICATION CODES AND INSTALLATION NOTES
		RVE PART No.	AEROVOX PART No.	CORNELL-DUBILIER PART No.	
C1A	15	AF333J	AF333J	JP15D145	EL-344
C1B	15				▲ Filter
C1C	450				AF Amp. Decoupling
C2	10				Output Cath. Bypass
C3	20				TA-25
C4	25				MS-425
C5	5				MS-55
C6	15				NPOR-5
C7	1000				GP1K-15
C8	1000				GP2L-001
C9	1000				GP2L-001
C10	100				GP2L-001
C11	100				GP2L-001
C12	15				GP2L-001
C13	1000				GP2L-001
C14	1.5				NPOR-1.5
C15	25				GP1K-15
C16	25				GP1K-15
C17	5				NPOR-5
C18	15				GP1K-12
C19	12				NPOR-12
C20	25				GP1K-25
C21	1000				NPOR-25
C22	25				GP1K-25
C23	1000				NPOR-25
C24	01				GP1K-01
C25	01				GP1K-01
C26	01				GP1K-01
C27	01				GP1K-01
C28	01				GP1K-01
C29	1000				NPOR-1000
C30	01				GP1K-01
C31	01				GP1K-01
C32	01				GP1K-01
C33	01				GP1K-01
C34	01				GP1K-01
C35	01				GP1K-01
C36	01				GP1K-01
C37	01				GP1K-01
C38	01				GP1K-01
C39	250				GP1K-250
C40	01				GP1K-01
C41	5				NPOR-5
C42	01				GP1K-01
C43	1000				NPOR-1000
C44	01				GP1K-01
C45	01				GP1K-01

PARTS LIST AND DESCRIPTIONS (Continued)

RESISTORS

ITEM No.	RATING RESISTANCE	REPLACEMENT DATA		IDENTIFICATION CODES
		RVE PART No.	IRC PART No.	
R36	2200Ω		BTS-2200	BFO Screen See Note
R37	10KΩ		BTS-10K	BFO Plate
R38	220KΩ		BTS-220K	Limiter Grid
R39	220KΩ		BTS-220K	Limiter Screen
R40	100KΩ		BTS-100K	Limiter Plate Decoupling
R41	1000Ω		BTS-1000	Balancing
R42	10KΩ		BTS-10K	Balancing
R43	10KΩ		BTS-10K	Balancing
R44	68KΩ		BTS-68K	Disc. Diode Load
R45	68KΩ		BTS-68K	Disc. Diode Load
R46	47KΩ		BTS-47K	De-emphasis
R47	100KΩ		BTS-100K	Tone Compensation
R48	47KΩ		BTS-47K	Tone Compensation
R49	220KΩ		BTS-220K	AF Grid
R50	820Ω		BTS-820	AF Cathode
R51	100KΩ		BTS-100K	AF Plate
R52	220KΩ		BTS-220K	AF Plate
R53	22KΩ		BTS-22K	Filter
R54	470Ω		BTS-470	Output Cathode
R55	390Ω		BTS-390	Output Cathode
R56	4300Ω		BTS-4300	Tone Compensation
R57	1000Ω		BTS-1000	Tone Compensation
R58A	1800Ω		AB-7000	Bleeder Wire Wound
R58B	1800Ω		AB-8000	Bleeder Wire Wound
R59	5500Ω		AB-3500	Filter Wire Wound

Note: Not used in all models.

TRANSFORMER (POWER)

ITEM No.	RATING	REPLACEMENT DATA			CHICAGO PART No.
		STANCOR PART No.	MERIT PART No.	PH-90 †	
T1	117VAC 570VCT 5VAC @ 2.7A	P-6013 †	P-2953 †	P-2953 †	PH-90 †

† Add series resistor to reduce plate voltage.

TRANSFORMER (AUDIO OUTPUT)

ITEM No.	RATING	REPLACEMENT DATA			INSTALLATION NOTES
		STANCOR PART No.	MERIT PART No.	CHICAGO PART No.	
T2	8KΩ 3.1Ω 600Ω .5Ω	A-3879 †	A-2932 †	RO-301 †	† Bend mounting tabs down and mount on original bracket.

SPEAKER

ITEM No.	RATINGS	REPLACEMENT DATA			INSTALLATION NOTES
		JENSEN PART No.	QUAM PART No.	INSTALLATION NOTES	
SP1	V.C. IMP. 3.1Ω	ST-105 †	5A1 †	† Remount output transformer.	
SP2	V.C. D.I.A. 9/16	MOD. PS-X			

FILTER CHOKE

ITEM No.	TOTAL DIRECT CURRENT	D. C. RESISTANCE	INDUCTANCE (1000 μH)	REPLACEMENT DATA			INSTALLATION NOTES
				STANCOR PART No.	MERIT PART No.	CHICAGO PART No.	
L1	.098A	220Ω	10Henries	C-1001	C-2983	R-885	

PARTS LIST AND DESCRIPTIONS (Continued)

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 CAP. VOLT	REPLACEMENT DATA			IDENTIFICATION CODES AND INSTALLATION NOTES
		RVE PART No.	AEROVOX PART No.	CORNELL-DUBILIER PART No.	
C46	25		1468-000025	5MST25	
C47	.01	600	P688-01	GT6S1	IF Coupling
C48	1000		1468-001	1MSD1	Limiter Screen Bypass
C49	50	500	1468-00005	5M505	Diode Load Cap. See Note 2
C50	50	500	1468-00005	5M505	Diode Load Cap. See Note 2
C51	500	500	1468-00005	5M505	Diode Load Cap. See Note 2
C52	.1	100	P288-1	GT2P1	RF Bypass
C53	1000		1468-001	1MSD1	Stabilizing Cap.
C54	.1	100	P288-1	GT2P1	De-emphasis
C55	.01	600	P688-01	GT6S1	Audio Coupling
C56	250	500	1468-00025	5MST25	AF Amp. Grid Bypass
C57	.1	600	P688-1	GT6P1	AF Amp. Screen Bypass
C58	.1	600	P688-1	GT6P1	Audio Coupling
C59	.01	600	P688-01	GT6S1	Tone Comp.
C60	.01	600	P688-01	GT6S1	Audio Coupling

Note 1. Not used in all models.
Note 2. When either items C49 or C50 are replaced, replace both with capacitors of equal value.

CONTROLS

ITEM No.	RATING RESIST. WATTS	REPLACEMENT DATA			INSTALLATION NOTES
		RVE PART No.	IRC PART No.	CLAROSTAT PART No.	
R1	500KΩ		Q11-133	M-58-Z	Volume control
R2A	1 Meg.		Q13-137	M-53-Z	Tone control
R3	50KΩ		76-2	SM-A2	Attach to R2A per instructions
			Q11-121	M-42-S	RF Gain control

RESISTORS

ITEM No.	RATING RESISTANCE WATTS	REPLACEMENT DATA			IDENTIFICATION CODES
		RVE PART No.	IRC PART No.	CLAROSTAT PART No.	
R4	150		BTS-100K		Parasitic Supp.
R5	100KΩ		5M-1-220		RF Grid
R6	220Ω		BTS-15K		RF Cathode
R7	15KΩ		BTS-15K		RF Screen
R8	18KΩ		BTS-18K		RF Plate
R9	100KΩ		BTS-100K		1st Conv. Grid
R10	2200Ω		BTS-2200		1st Conv. Cathode
R11	4700Ω		BTS-4700		1st Osc. Grid
R12	18KΩ		BTS-18K		1st Osc. Plate
R13	1000Ω		BTS-1000		2nd Conv. Cathode
R14	2200Ω		BTS-2200		2nd Conv. Plate Decoupling
R15	22KΩ		BTS-22K		2nd Osc. Grid
R16	68KΩ		BTS-68K		2nd Osc. Anode Decoupling
R17	2200Ω		BTS-2200		AVC Network
R18	10KΩ		BTS-10K		1st IF Cathode
R19	470Ω		BTS-470		Voltage Divider
R20	100KΩ		BTS-100K		1st IF Screen
R21	68KΩ		BTS-68K		1st IF Plate Decoupling
R22	2200Ω		BTS-2200		AVC Network
R23	10KΩ		BTS-10K		2nd IF Cathode
R24	470Ω		BTS-470		2nd IF Screen
R25	68KΩ		BTS-68K		2nd IF Plate Decoupling
R26	2200Ω		BTS-2200		AVC Network
R27	1 Meg.		BTS-1 Meg.		Diode Load
R28	220KΩ		BTS-220K		Diode Load
R29	220KΩ		BTS-220K		Diode Load
R30	1 Meg.		BTS-1 Meg.		AVC Network
R31	680KΩ		BTS-680K		AVC Network
R32	10KΩ		BTS-10K		AVC Network
R33	470Ω		BTS-470		Voltage Divider
R34	47KΩ		BTS-47K		BFO Grid
R35	47KΩ		BTS-47K		BFO Cathode

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PARTS LIST AND DESCRIPTIONS (Continued)

COILS (RF-IF)

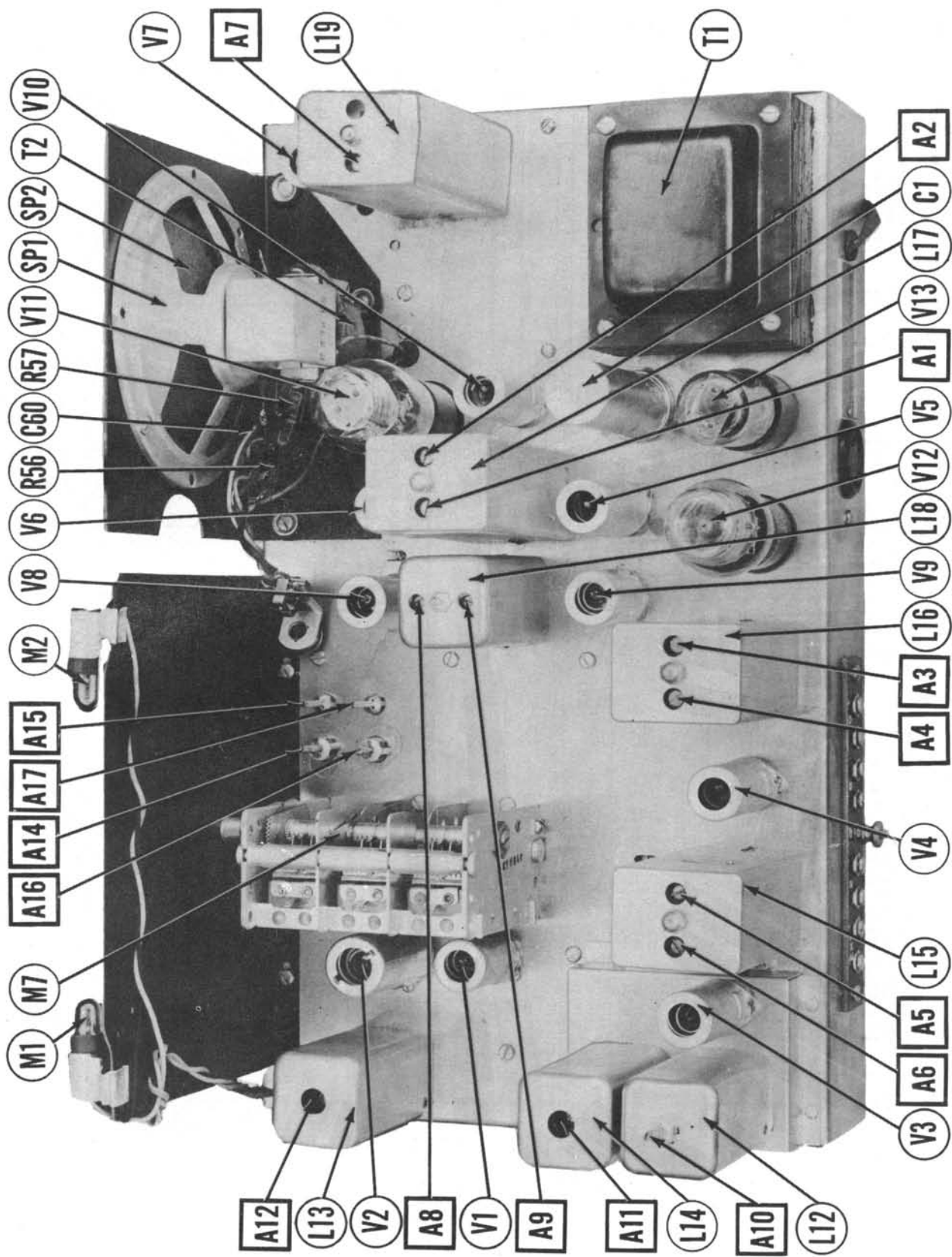
ITEM No.	USE	DC RES.			REPLACEMENT DATA		NOTES
		PRI.	SEC.	RVE PART No.	MEISSNER PART No.		
L2	RF Coil	0Ω	0Ω			2 meters	
L3	RF Coil	0Ω	0Ω			10 meters	
L4	RF Coil	0Ω	0Ω			6 meters	
L5	Mixer Grid	0Ω	0Ω			2 meters	
L6	Mixer Grid	0Ω	0Ω			10 meters	
L7	Mixer Grid	0Ω	0Ω			6 meters	
L8	Osc. Coil	0Ω	0Ω			10 meters	
L9	Osc. Coil	0Ω	0Ω			10 meters	
L10	Osc. Coil	0Ω	0Ω			6 meters	
L11	RF Choke	.1Ω					
L12	2nd Osc. Coil	0Ω					
L13	1st 6.95MC IF	.1Ω	0Ω				
L14	2nd 6.95MC IF	.1Ω	0Ω				
L15	1st 455KC IF	9Ω	3.5Ω				
L16	2nd 455KC IF	10.5Ω	3.5Ω				
L17	3rd 455KC IF	9Ω	9Ω				
L18	Ratio Det. Transformer	20Ω	20Ω				
L19	BFO Coil	3Ω					

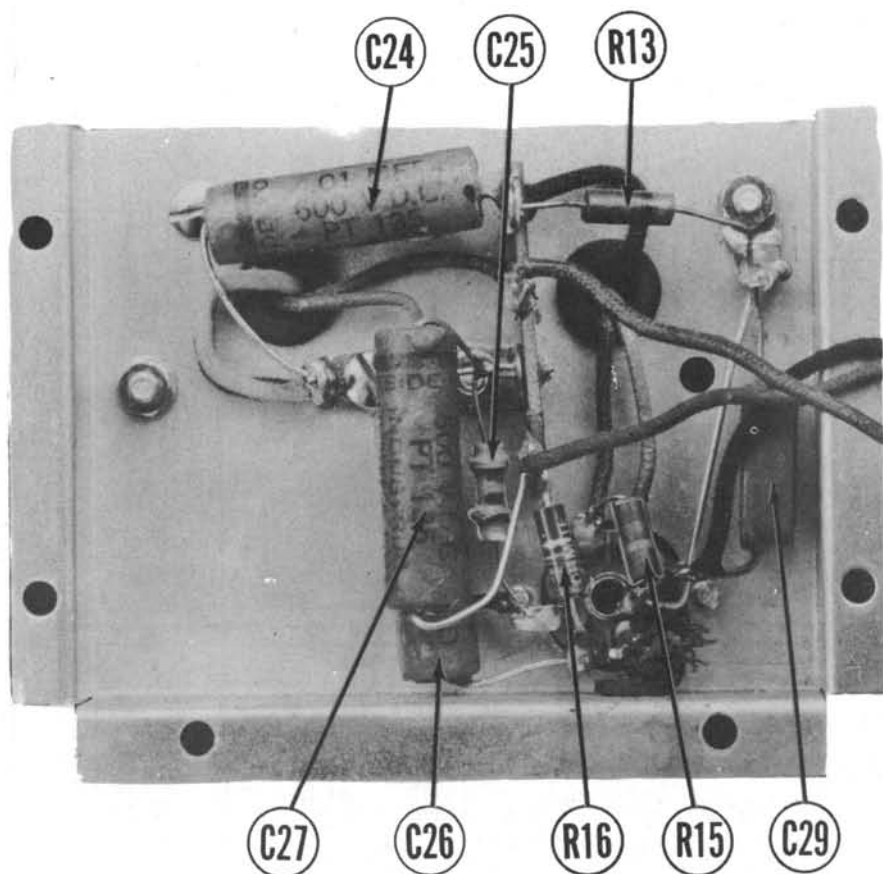
DIAL LIGHTS

ITEM No.	BASE TYPE	VOLTS	AMPS.	BEAD COLOR	REPLACEMENT DATA		NOTES
					RVE PART No.	MEISSNER PART No.	
M1	Bayonet	6-8	.15	Brown			Type #47
M2	Bayonet	6-8	.15	Brown			Type #47

MISCELLANEOUS

ITEM No.	PART NAME	RVE PART No.	NOTES
M3	Switch		Band Function
M4	Switch		AVL
M5	Switch		Standby-EXT.-INT.
M6	Switch		Main Tuning
M7	3 Gang Var. Cap.		
M8	Variable Cap.		BFO





INPUT

The VHF 2-11 is provided with separate antenna connection for each frequency band. On the terminal strip on the rear apron are four sets of two terminals each. These terminals are marked "2" for the 144-148 mc band; "6" for the 50-54 mc band, and "10" for the 27-29.7 mc band. The input impedance for each band has been designed to be 300 ohms. The remaining two terminals marked "EXT" connect to the 6.95 mc portion of the receiver when the standby switch is turned to "EXT". These terminals are provided for the owner who also has an RME HF 10-20 Converter (or a VHF-152). The output cable of an RME 10-20 may be connected to the terminal and with the standby switch turned to "EXT" the 10-20 then may be used in the same manner as when connected to a receiver. All controls such as manual gain, BFO, noise limiter, etc. operated in the same manner as when using the internal RF portion of the VHF 2-11. An RME 10-20 may require some recalibration when used in this manner.

6.95MC IF ALIGNMENT

Turn the "EXT.-STD. BY-REC." switch to "REC" (maximum clockwise). If the "R" meter is being used for an indicator set the function switch to "AM". If an output meter is used set the function switch to "CW" and remove V7.

DUMMY ANTENNA	SIGNAL GENERATOR COUPLING	SIGNAL GENERATOR FREQUENCY	BAND SWITCH POS.	RADIO DIAL SETTING	OUTPUT METER	ADJUST	REMARKS
01PFD	High side to stator of center section of tuning gang. Low side to chassis.	6.95MC (400V. Mod.)	Any	Gang fully open	Across voice coil	A11, A12	Adjust for maximum output.

OSCILLATOR ALIGNMENT

The oscillator adjustments in this receiver are very stable; oscillator alignment should not be attempted unless the set is definitely known to be off calibration. If the calibration seems to be off a comparable amount on all three bands, oscillator alignment may be accomplished in one step, using the trimmer "X". It should be noted that this is an overall oscillator adjustment and should not be adjusted for any individual band. If a small calibration error on the 27-29.7MC or 50-54MC band is to be corrected, the slug adjustment should be used.

DUMMY ANTENNA	SIGNAL GENERATOR COUPLING	SIGNAL GENERATOR FREQUENCY	BAND SWITCH POS.	RADIO DIAL SETTING	OUTPUT METER	ADJUST	REMARKS
300C carbon res.	Across "2" ant. terminals with 300C in series with high side of generator output.	144MC (400V. Mod.)	Maximum counter-clockwise	144-148	Across voice coil	A13	Adjust for maximum output.
"	Across "6" ant. terminals with 300C in high side of signal generator output.	50MC (400V. Mod.)	50-54 (center)	50MC	"	A14	"
"	"	54MC	"	54MC	"	A15	Adjust for maximum output. Repeat steps 8 and 9 until no further improvement can be made.
"	Across "10" ant. terminals with 300C in series with high side of signal generator output.	27MC (400V. Mod.)	27-29.7 (clockwise)	27MC	"	A16	Adjust for maximum output.
"	"	29MC	"	29MC	"	A17	Adjust for maximum output. Repeat steps 10 and 11 until no further improvement can be made.

RF ALIGNMENT

DUMMY ANTENNA	SIGNAL GENERATOR COUPLING	SIGNAL GENERATOR FREQUENCY	BAND SWITCH POS.	RADIO DIAL SETTING	OUTPUT METER	ADJUST	REMARKS
300C carbon res.	Across "2" ant. terminals with 300C in series with high side of signal generator output.	146MC (400V. Mod.)	144-148 (counter-clockwise)	146MC	Across voice coil	A18, A19	Adjust for maximum output.
"	Across "6" ant. terminals with 300C in series with high side of signal generator output.	52MC	50-54 (center)	52MC	"	A20, A21	"
"	Across "10" ant. terminals with 300C in series with high side of signal generator output.	28MC	27-29.7 (clockwise)	28MC	"	A22, A23	"

ALIGNMENT INSTRUCTIONS—READ CAREFULLY BEFORE ATTEMPTING ALIGNMENT
For best results it is recommended that this receiver be aligned with the chassis in place in the cabinet. It will be necessary to remove the chassis for "Ratio-detector alignment." If the "R" meter attachment is available, it may be used as an indicator in place of the output meter listed in the alignment table. It should be noted that there are two converter tubes; make sure signal is fed into the proper tube.

4.55KC IF ALIGNMENT

If the "R" meter is used, turn the function switch to "AM" (center position). If an output meter is used, turn the function switch to "CW" (maximum clockwise) and remove the BFO tube (V7); this will disable the AVC circuit.
Turn the RF gain control to maximum clockwise.
Set the "EXT.-STD. BY-REC." switch to "REC" (maximum clockwise).

DUMMY ANTENNA	SIGNAL GENERATOR COUPLING	SIGNAL GENERATOR FREQUENCY	BAND SWITCH POS.	RADIO DIAL SETTING	OUTPUT METER	ADJUST	REMARKS
Direct	High side to ungrounded tube shield floating over converter tube (V3). Low side to chassis.	455KC (400V. Mod.)	Any	Tuning gang fully open	Across voice coil	A1, A2, A3, A4, A5, A6	Adjust for maximum output.

BFO ALIGNMENT

Set the BFO tuner capacitor at 1/2 maximum capacity. Be sure this position is retained when the knob is replaced with the pointer pointing straight up during 455KC IF alignment. Do not move the signal generator from the setting used during 455KC IF alignment. Replace the BFO tube (V7), if it was removed during IF alignment.

DUMMY ANTENNA	SIGNAL GENERATOR COUPLING	SIGNAL GENERATOR FREQUENCY	BAND SWITCH POS.	RADIO DIAL SETTING	OUTPUT METER	ADJUST	REMARKS
Direct	High side to ungrounded tube shield floating over converter tube (V3). Low side to chassis.	Same freq as step 1 (Unmod.)	Any	Gang fully open	Across voice coil	A7	Adjust for zero beat in the speaker.

RATIO DETECTOR ALIGNMENT

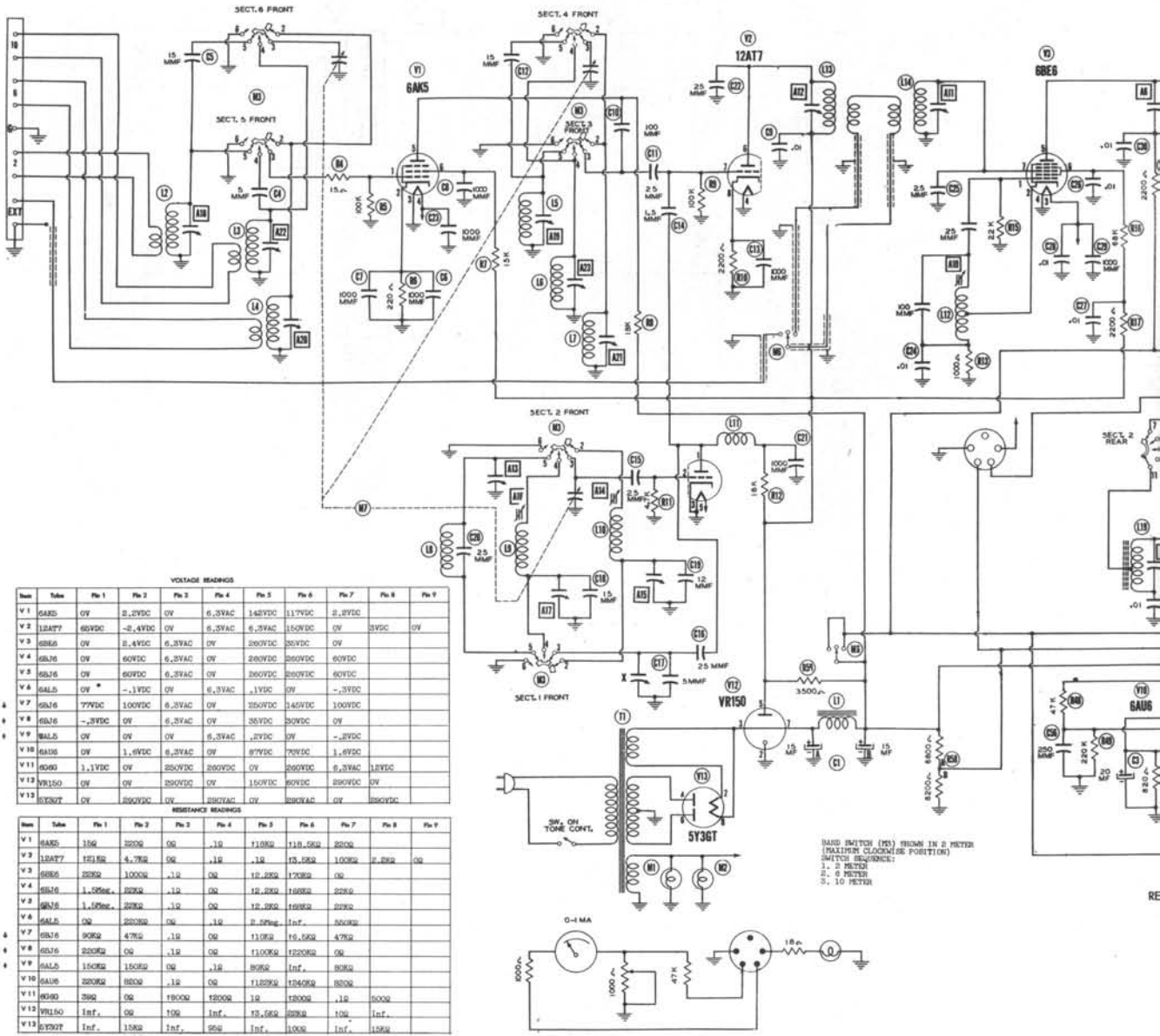
If the receiver is being aligned with the chassis in the cabinet, it will be necessary to remove the chassis for this step only. Turn the function switch to "FM" (maximum counter-clockwise). A VTVM is required to align the ratio detector.

DUMMY ANTENNA	SIGNAL GENERATOR COUPLING	SIGNAL GENERATOR FREQUENCY	BAND SWITCH POS.	RADIO DIAL SETTING	CONNECT VTVM	ADJUST	REMARKS
Direct	High side to ungrounded tube shield floating over converter tube (V3). Low side to chassis.	Use the same freq. as step 1. (Unmod.)	Any	Gang fully open	DC Probe to Point Common to chassis.	A8	Adjust for maximum deflection.
Direct	"	"	"	"	DC Probe to Point Common to chassis.	A9	Adjust for zero reading. A positive and negative reading will be obtained on either side of the correct setting.

SECOND CONVERTER ALIGNMENT

Turn the "EXT.-STD. BY-REC." switch to "EXT". Turn the function switch to "CW". Make sure the BFO pitch control is set to EXACTLY the same position used during step 2. If necessary, feed a 455KC unmodulated signal into the second converter and adjust the BFO pitch control for zero beat. Do not move the BFO pitch control during this step.

DUMMY ANTENNA	SIGNAL GENERATOR COUPLING	SIGNAL GENERATOR FREQUENCY	BAND SWITCH POS.	RADIO DIAL SETTING	OUTPUT METER	ADJUST	REMARKS
Direct	Across "Ext." terminals on rear of chassis.	6.95MC (Unmod.)	Any	Gang fully open	Across voice coil	A10	Adjust for zero beat in the speaker.



VOLTAGE READINGS

Item	Tube	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8	Pin 9
V1	6AK5	OV	2.2VDC	OV	6.3VAC	142VDC	11.7VDC	2.2VDC	OV	OV
V2	12AT7	60VDC	-2.4VDC	OV	6.3VAC	150VDC	OV	3VDC	OV	OV
V3	6BE6	OV	2.4VDC	6.3VAC	OV	300VDC	30VDC	OV	OV	OV
V4	6B7G	OV	60VDC	6.3VAC	OV	200VDC	200VDC	60VDC	OV	OV
V5	6B7G	OV	60VDC	6.3VAC	OV	200VDC	200VDC	60VDC	OV	OV
V6	6AL5	OV	-1.1VDC	OV	6.3VAC	1.1VDC	OV	-3VDC	OV	OV
V7	6B7G	77VDC	100VDC	6.3VAC	OV	250VDC	140VDC	100VDC	OV	OV
V8	6B7G	-3VDC	OV	6.3VAC	OV	30VDC	30VDC	OV	OV	OV
V9	6AL5	OV	OV	OV	6.3VAC	2.2VDC	OV	-2VDC	OV	OV
V10	6AL5	OV	1.6VDC	6.3VAC	OV	8.7VDC	70VDC	1.6VDC	OV	OV
V11	60A0	1.1VDC	OV	250VDC	250VDC	OV	20VDC	6.3VAC	10VDC	OV
V12	VR150	OV	OV	250VDC	OV	150VDC	60VDC	250VDC	OV	OV
V13	5Y3GT	OV	200VDC	OV	250VAC	OV	200VAC	OV	250VDC	OV

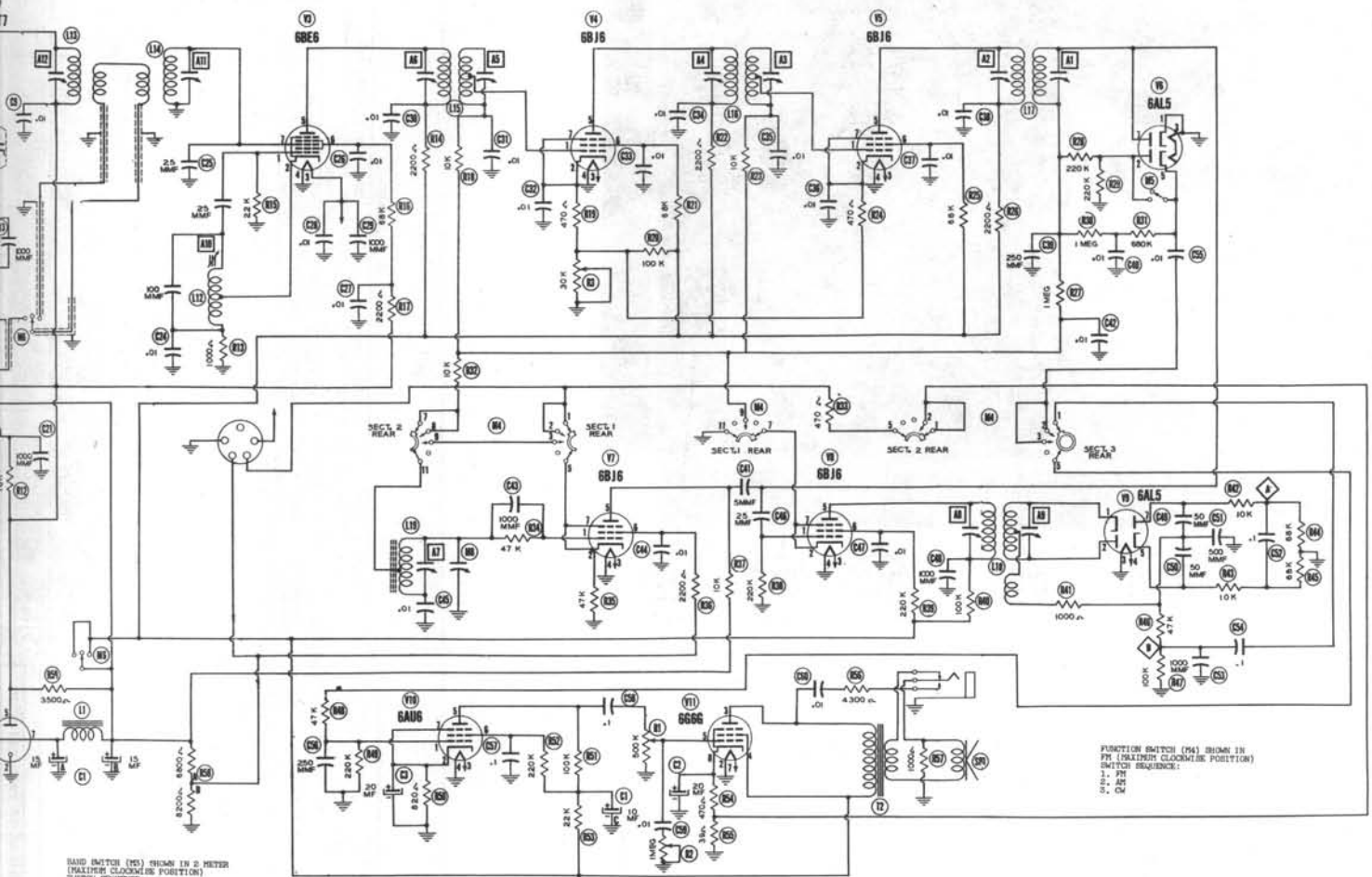
RESISTANCE READINGS

Item	Tube	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8	Pin 9
V1	6AK5	35Ω	220Ω	0Ω	.1Ω	110Ω	110.0Ω	220Ω		
V2	12AT7	100Ω	4.7KΩ	0Ω	.1Ω	10.0Ω	100Ω	100Ω	2.0KΩ	0Ω
V3	6BE6	220Ω	1000Ω	.1Ω	0Ω	12.2Ω	100Ω	0Ω		
V4	6B7G	1.0MΩ	220Ω	.1Ω	0Ω	12.2Ω	100Ω	220Ω		
V5	6B7G	1.0MΩ	220Ω	.1Ω	0Ω	12.2Ω	100Ω	220Ω		
V6	6AL5	0Ω	220Ω	0Ω	.1Ω	0.5MΩ	Inf.	200Ω		
V7	6B7G	30KΩ	47Ω	.1Ω	0Ω	110Ω	10.0Ω	47Ω		
V8	6AL5	220Ω	0Ω	.1Ω	0Ω	1100Ω	1220Ω	0Ω		
V9	6AL5	150Ω	150Ω	0Ω	.1Ω	30KΩ	Inf.	30KΩ		
V10	60A0	220Ω	80Ω	.1Ω	0Ω	1120Ω	1040Ω	80Ω		
V11	60A0	39Ω	0Ω	100Ω	120Ω	.1Ω	120Ω	.1Ω	300Ω	
V12	VR150	Inf.	0Ω	10Ω	Inf.	15.0Ω	20KΩ	10Ω	Inf.	
V13	5Y3GT	Inf.	150Ω	Inf.	5Ω	Inf.	100Ω	Inf.	150Ω	

1 Measured from pin 9 of V13.
 2 Measured with function switch in CW position.
 3 Measured with function switch in PP position.

BAND SWITCH (HS) SHOWN IN 2 METER (HIGHEST CLOSER TO POSITION) SWITCH POSITION:
 1. 2 METER
 2. 4 METER
 3. 10 METER

1. DC Voltage measurements are at 20,000 ohms per measured at 1,000 ohms per volt.
2. Socket connections are shown as bottom views.
3. Measured values are from socket pin to common reference.
4. Line voltage maintained at 117 volts for voltage readings.
5. Nominal tolerance on component values makes possible + 10% in voltage and resistance readings.
6. Volume control at maximum, no signal applied for measurements.



BAUD MOTOR (P4) SHOWN IN 2 PETER (WALTER CLOCKWISE POSITION) SWITCH RESISTANCE:
 1. 2 METER
 2. 5 METER
 3. 10 METER

THE COOPERATION OF THE MANUFACTURER OF THIS RECEIVER MAKES IT POSSIBLE TO BRING YOU THIS SERVICE

1ST IF = 6.95 MC
 2ND IF = 4.55 KC

1. DC Voltage measurements are at 20,000 ohms per volt; AC Voltages measured at 1,000 ohms per volt.
2. Socket connections are shown as bottom views.
3. Measured values are from socket pin to common negative.
4. Line voltage maintained at 117 volts for voltage readings.
5. Nominal tolerance on component values makes possible a variation of + 10% in voltage and resistance readings.
6. Volume control at maximum, no signal applied for voltage measurements.