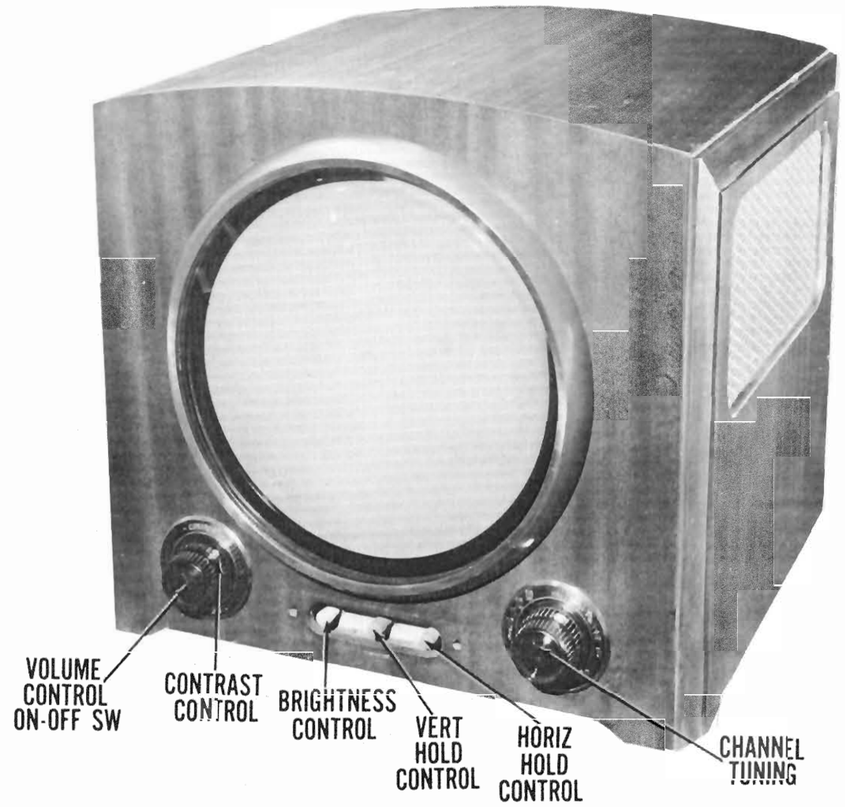
PHOTOFACT* Folder

RAYTHEON MODELS C-1104B, M-1105B, M-1106, M-1107



TRADE NAME	Raytheon Models C-1104B, M-1105B, M-1106, M-1107 (Ch. 12AX26, 12AX27)
MANUFACTURER	Belmont Radio Corp., 5921 W. Dickens Ave., Chicago (39), Ill.
TYPE SET	Television Receiver
TUBES	Twenty One
POWER SUPPLY	110-115 Volts AC-60 Cycle — RATING 1.8 Amp. @ 115 Volts AC
TUNING RANGE—	Channels 2 Thru 13

INDEX

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

DATE 8-51 SET 141 FOLDER 11

RAYTHEON MODELS C-1104B, M-1105B, M-1106, M-1107

PARTS LIST AND DESCRIPTIONS (Continued)

SPEAKER

ITEM No.	RATINGS		REPLACEMENT DATA			NOTES
	FIELD RES.	V. C. IMP.	BELMONT PART No.	VIKING PART No.	QUAM PART No.	
SP1A	PM	3Ω	C18A-18745	6J6	6A15	
B	PM	3Ω	C18A-18865	10J12	10A4A	
	CONE DIA.	V. C. DIA.				
SP2A	5 7/8"	9/16"				
B	9 7/8"	1"				

FILTER CHOKE

ITEM No.	RATINGS			REPLACEMENT DATA				INSTALLATION NOTES
	TOTAL DIRECT CURRENT	D. C. RESISTANCE	INDUCTANCE (0 CURRENT 1000 ↺)	BELMONT PART No.	STANCOR PART No.	MERIT PART No.	CHICAGO PART No.	
L1	.250A	38Ω	1.3 Henries	B16A-17959	C-2326 ②	C-2991	TR3300 ②	② Drill one new mounting hole.
L2	.250A	38Ω	1.3 Henries	B16A-17959	C-2326 ②	C-2991	TR3300 ②	

COILS (RF-IF)

ITEM No.	USE	DC RES.		REPLACEMENT DATA		NOTES
		PRI.	SEC.	BELMONT PART No.	MEISSNER PART No.	
L3	High Band Ant. Trans.	.1Ω	.1Ω	B-201-17143		
L4	Low Band Ant. Trans.	.1Ω	.1Ω			Part of L3
L5	RF Choke	.9Ω		A-16A-17128		
L6	RF Coil Pri.	.1Ω		B-13E-17140		High Band
L7	RF Coil Sec.	.1Ω		B-13E-17140		High Band
L8	RF Coil Pri.	.1Ω		B-13E-12046		Low Band
L9	RF Coil Sec.	.1Ω		B-13E-12046		Low Band
L10	Osc. Coil	.1Ω		B-13E-17140		High Band
L11	Osc. Coil	.1Ω		B-13D-12155		Low Band
L12	Conv. Plate Trap	11Ω		A-16A-18025		
L13	1st. Video IF	.4Ω		A-13M-18026		
L14	Fil. Choke	.3Ω		A-201-15609		
L15	2nd. Video IF	.2Ω		B-201-15612		
L16	3rd. Video IF	.2Ω		B-201-15612		
L17	4th. Video IF	.2Ω		B-201-15612		
L18	RF Choke	2.4Ω		A-201-15608		
L19	5th. Video IF	1.3Ω	1.3Ω	B-13B-18784		
L20	Fil. Choke	1.1Ω		A-16A-17937		
L21	Peaking	2.3Ω		A-16A-17961		
L22	4.5MC Trap	2.5Ω		A-201-18695		Includes C49
L23	Peaking	20Ω		A-16A-18685		
L24	Peaking	15Ω		A-16A-18685		
L25	Peaking	20Ω		A-16A-19486		
L26	1st. Sound IF	1Ω		B-13A-18783		
L27	Ratio Det. Trans.	4.2Ω	.2Ω	B-13M-17273		Tap. .6Ω
L28	Horiz. Osc.	60Ω		A-13D-16943		
L29	Horiz. Size	.2Ω		A-13M-18233		
L30	Horiz. Lin.	3.6Ω	Tap. 1Ω	A-13M-18961		

FUSES

ITEM No.	TYPE	RATING	REPLACEMENT DATA				REMARKS
			BELMONT PART No.		LITTELFUSE PART No.		
			FUSE	HOLDER	FUSE	HOLDER	
M1	3AG	.250	A46B-18362	A55F-18024	312.250	357001	

MISCELLANEOUS

ITEM No.	PART NAME	BELMONT PART No.	NOTES
M2	RF Tuner		
M3	Switch	A-20F-12108	Phono. (off-on)
M4	Focus Magnet	B-55P-18914	
M5	Ion Trap	B-16M-17982	
B2	Trimmer	A-BE-18508	80-480MMF (Horiz. Drive)
	Knob	A-5B-18781-56	Tuner (Models C-1104B, M-1105B, M-1106)
	Knob	A-5B-18781-76	Tuner (Models M-1107)
	Knob	B-5B-17761-76	Volume (Models C-1104B, M-1105B, M-1106)
	Knob	B-5B-17761-56	Volume (Models M-1107)
	Knob	B-5B-17762-76	Contrast (Models C-1104B, M-1105B, M01106)
	Knob	B-5B-17762-56	Contrast (Models M-1107)
	Knob	B-5B-18382-36	Antenna
	Knob	A-25M-18172	Rubber (White)
	Knob	A-25M-18177	Rubber (Red)
	Knob	A-25M-18178	Rubber (Blue)

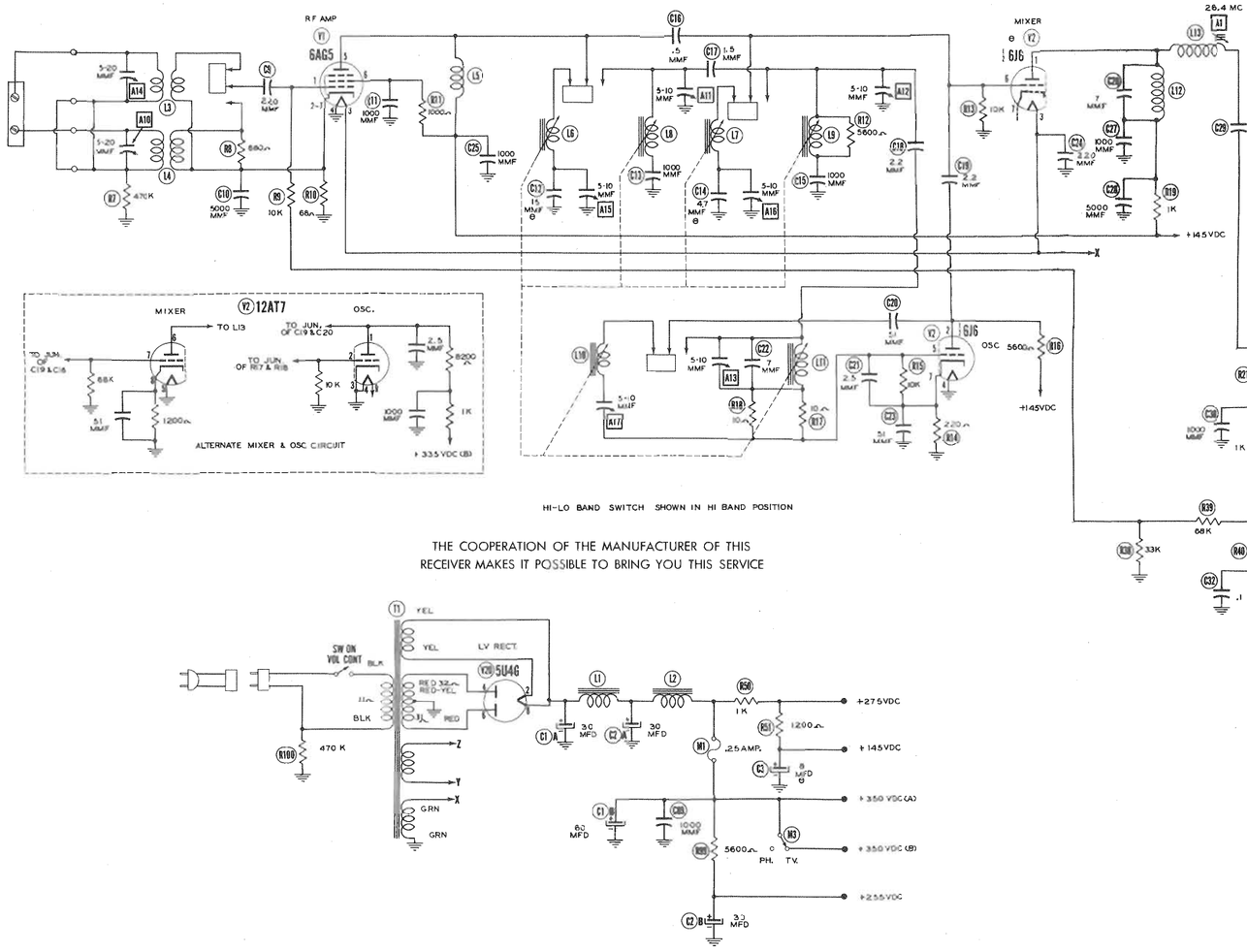
VOLUME CONTROL ON-OFF SW

TRADE NAME Raytheo
MANUFACTURER Belmon
TYPE SET Televis
TUBES Twenty

POWER SUPPLY 110-115
TUNING RANGE—Channe

Alignment Instructions
Disassembly Instruction
Horizontal Sweep Circui
Parts List and Descript
Photographs
Cabinet - Rear View
Capacitor and Alignm

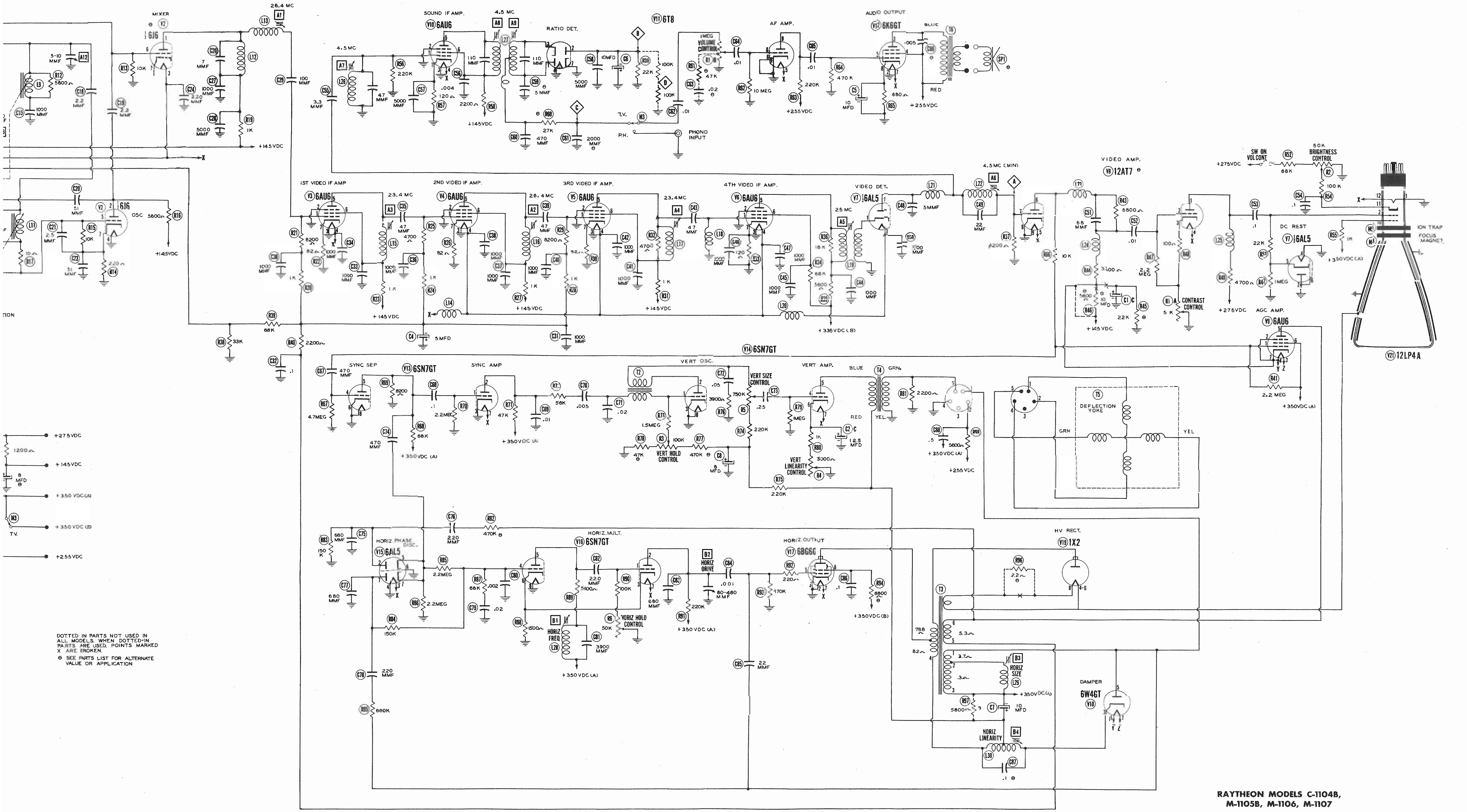
HO



DOTTED IN PARTS NOT USED IN ALL MODELS. WHEN DOTTED-IN PARTS ARE USED, POINTS MARKED X ARE BROKEN.

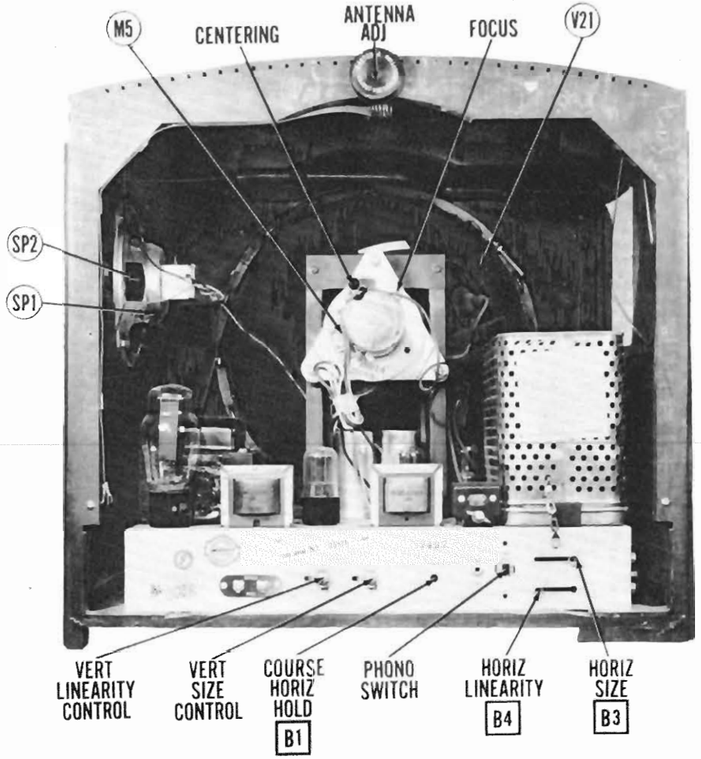
θ SEE PARTS LIST FOR ALTERNATE VALUE OR APPLICATION

A PHOTOFACT STANDARD NOTATION SCHEMATIC



RAYTHEON MODELS C-1104B, M-1105B, M-1106, M-1107

RAYTHEON MODELS C-1104-B, M-1105B, M-1106, M-1107



CABINET-REAR VIEW

HORIZONTAL SWEEP CIRCUIT ADJUSTMENTS

Turn the set on and tune in a TV staion, preferably a test pattern.

Turn the horizontal hold, "fine", (front panel), to the mid-position of its range.

Adjust the horizontal hold control, "coarse" slug, (B1), (rear of chassis), to the center of the range over which the picture synchronizes horizontally.

Adjust the horizontal drive trimmer, (B2), counter-clockwise until a fold over, (bright vertical line) appears in the picture. Then turn the trimmer clockwise until the fold over disappears and then one half turn additional.

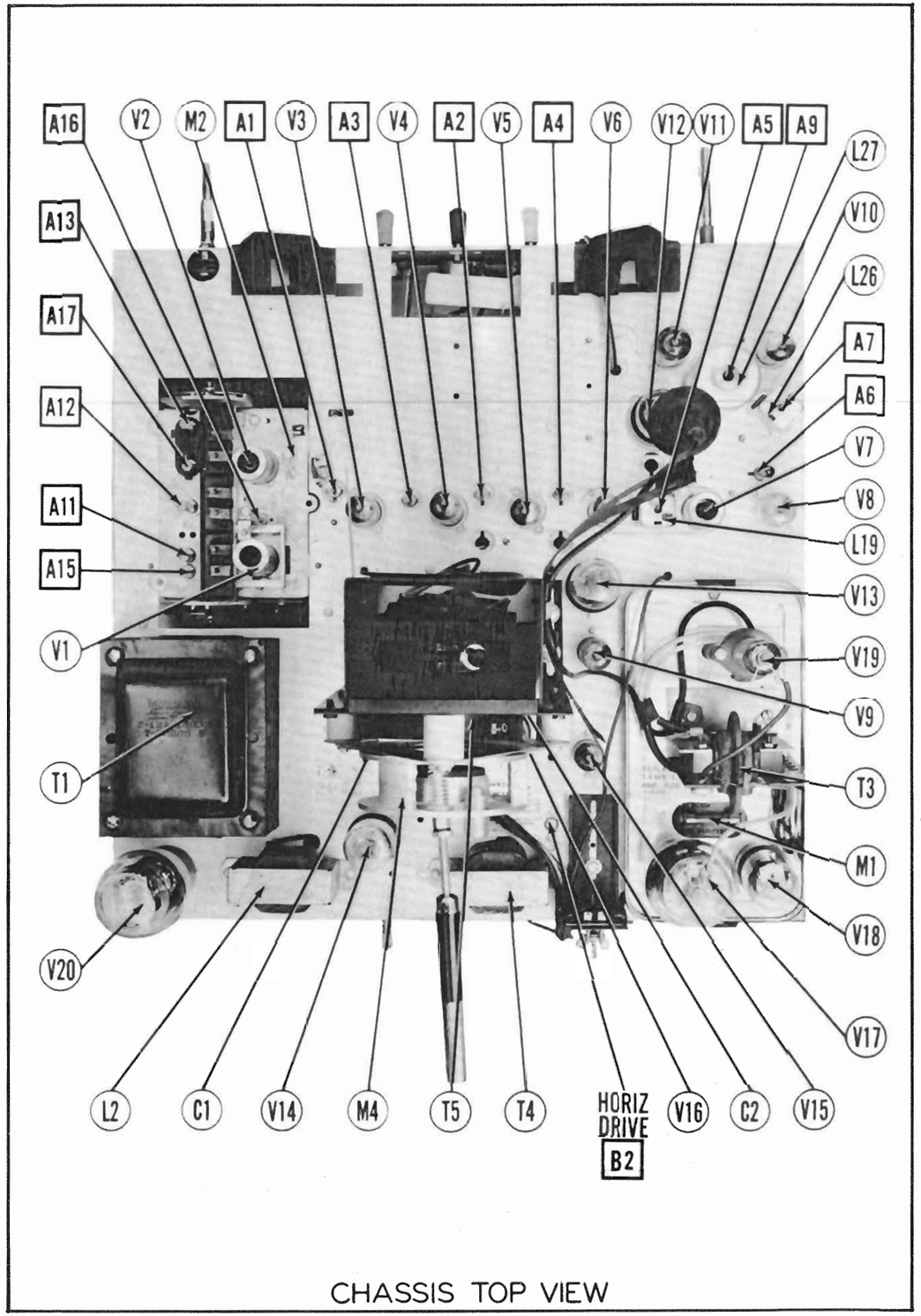
Adjust the horizontal size slug, (B3), until the picture is slightly wider than necessary to fill the mask horizontally.

Adjust the horizontal linearity slug, (B4), until the picture is symmetrical from left to right. Slight readjustment of B2 may be necessary for optimum linearity.

DISASSEMBLY INSTRUCTIONS

1. Remove three push-on type control knobs and channel pointer.
2. Remove four wood screws from rear cover. Remove rear cover.
3. Disconnect built-in antenna,
4. Disconnect speaker.
5. Remove five metal screws from chassis. Remove chassis.
6. Remove two 5/10" hex nuts from speaker. Remove speaker.

NOTE: - FOR PICTURE TUBE REMOVAL IT IS NECESSARY TO REMOVE THE CHASSIS AS OUTLINED ABOVE.



CHASSIS TOP VIEW

CHASSIS BOTTOM VIEW-CAPACITOR AND ALIGNMENT IDENTIFICATION

VOLTAGE AND RESISTANCE MEASUREMENTS

VOLTAGE READINGS

Item	Tube	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8	Pin 9
V 1	6AG5	-.1VDC	.6VDC	6.3VAC	0V	145VDC	145VDC	.6VDC		
V 2	6J6	160VDC	100VDC	6.3VAC	0V	8-.8VDC	0V	3VDC		
V 3	6AU6	0V	0V	0V	6.3VAC	135VDC	135VDC	.9VDC		
V 4	6AU6	0V	0V	0V	6.3VAC	135VDC	135VDC	.9VDC		
V 5	6AU6	0V	0V	0V	6.3VAC	138VDC	138VDC	.9VDC		
V 6	6AU6	0V	0V	0V	6.3VAC	290VDC	140VDC	1.2VDC		
V 7	6AL5	0V	0V	6.3VAC	0V	.9VDC	0V	-2.2VDC		
V 8	12AT7	200VDC	0V	39VDC 1VDC	6.3VAC	6.3VAC	83VDC	-.2VDC	0V	0V
V 9	6AU6	85VDC	100VDC	■100VDC	■100VDC	0V	330VDC	100VDC		
V 10	6AU6	0V	0V	0V	6.3VAC	125VDC	125VDC	1VDC		
V 11	6T8	-.2VDC	-.3VDC	-.2VDC	0V	6.3VAC	0V	0V	-.3VDC	83VDC
V 12	6K6GT	0V	0V	250VDC	255VDC	0V	0V	6.3VAC	18VDC	
V 13	6SN7GT	-.2VDC	85VDC	0V	-1VDC	35VDC	0V	6.3VAC	0V	
V 14	6SN7GT	-7.3VDC	112VDC	0V	0V	430VDC	14VDC 22VDC	6.3VAC	0V	
V 15	6AL5	2.8VDC	-.2VDC	6.3VAC	0V	2.8VDC	0V	-.2VDC		
V 16	6SN7GT	-1.6VDC	125VDC	11VDC	-.2VDC	290VDC	11VDC	6.3VAC	0V	
V 17	6BG6G	-.2VDC	0V	0V	310VDC	-14VDC	-14VDC	6.3VAC	250VDC	Top Cap *
V 18	6W4GT	330VDC	0V	445VDC	0V	330VDC	0V	■100VDC	■100VDC	
V 19	1X2	*	DO NOT MEASURE							
V 20	5U4G	0V	350VDC	0V	340VAC	0V	340VAC	330VDC	350VDC	
V 21	12LP4A	0V	6VDC	PIN 10 340VDC	PIN 11 95VDC	PIN 12 6.3VAC				

ALL MEASUREMENTS TAKEN WITH PICTURE TUBE REMOVED
* DO NOT MEASURE
■ 6.3 VAC MEASURED ACROSS FILAMENTS

RESISTANCE READINGS

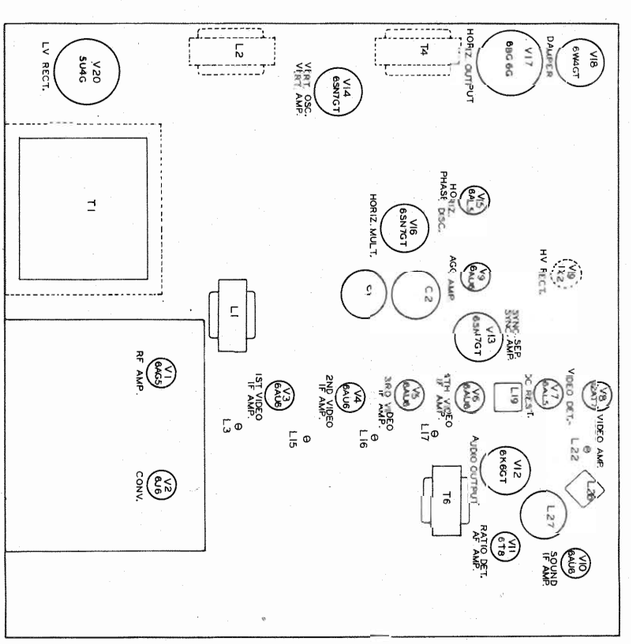
Item	Tube	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8	Pin 9
V 1	6AG5	45KΩ	68Ω	.1Ω	0Ω	†2.4KΩ	†3.4KΩ	68Ω		
V 2	6J6	†3.2KΩ	†9KΩ	.1Ω	0Ω	10KΩ	10KΩ	220Ω		
V 3	6AU6	80KΩ	0Ω	0Ω	.1Ω	†3.6KΩ	†3.6KΩ	82Ω		
V 4	6AU6	75KΩ	0Ω	0Ω	.1Ω	†3.6KΩ	†3.6KΩ	82Ω		
V 5	6AU6	80KΩ	0Ω	0Ω	.1Ω	†3.6KΩ	†3.6KΩ	82Ω		
V 6	6AU6	2Ω	0Ω	0Ω	.1Ω	†5.8KΩ	†68KΩ	120Ω		
V 7	6AL5	1Ω	0Ω	.1Ω	0Ω	1Meg	0Ω	8.2KΩ		
V 8	12AT7	†5.6KΩ	2.2Meg	4.5KΩ	.1Ω	.1Ω	†18KΩ	8.2KΩ	0Ω	0Ω
V 9	6AU6	†30KΩ	†7.5KΩ	¶.1Ω	¶0Ω	70KΩ	†80Ω	†7.5KΩ		
V 10	6AU6	1Ω	0Ω	0Ω	.1Ω	†4.5KΩ	†4.5KΩ	120Ω		
V 11	6T8	Inf.	22KΩ	Inf.	0Ω	.1Ω	0Ω	0Ω	10Meg	†220KΩ
V 12	6K6GT	Inf.	0Ω	†3.2KΩ	†3.2KΩ	†70KΩ	Inf.	.1Ω	680Ω	
V 13	6SN7GT	2.2Meg	†47KΩ	0Ω	4.7Meg	†20KΩ	0Ω	.1Ω	0Ω	
V 14	6SN7GT	1.5Meg	▲1Meg	0Ω	1Meg	▲100Ω	6KΩ 1KΩ	.1Ω	0Ω	
V 15	6AL5	2.2Meg	150KΩ	.1Ω	0Ω	2.2Meg	0Ω	4.5Meg		
V 16	6SN7GT	100KΩ	†220KΩ	1.5KΩ	4.5Meg	†5.6KΩ	1.5KΩ	.1Ω	0Ω	
V 17	6BG6G	4.5Meg	0Ω	0Ω	680KΩ	470KΩ	470KΩ	.1Ω	†6.8KΩ	Top Cap ▲68Ω
V 18	6W4GT	†80Ω	Inf.	200KΩ	Inf.	†80Ω	70KΩ	¶.1Ω	¶0Ω	
V 19	1X2	ALL PINS ARE INF. RESISTANCE								Top Cap 850Ω
V 20	5U4G	Inf.	20KΩ	500KΩ	32Ω	500KΩ	31Ω	20KΩ	20KΩ	
V 21	12LP4A	0Ω	1Meg	PIN 10 1.2KΩ	PIN 11 150KΩ	PIN 12 .1Ω				

ALL MEASUREMENTS TAKEN WITH PICTURE TUBE REMOVED
† MEASURED FROM PIN 8 OF V20
▲ MEASURED FROM PIN 3 OF V18
¶ MEASURED FROM JUNCTION OF R44 AND R45.

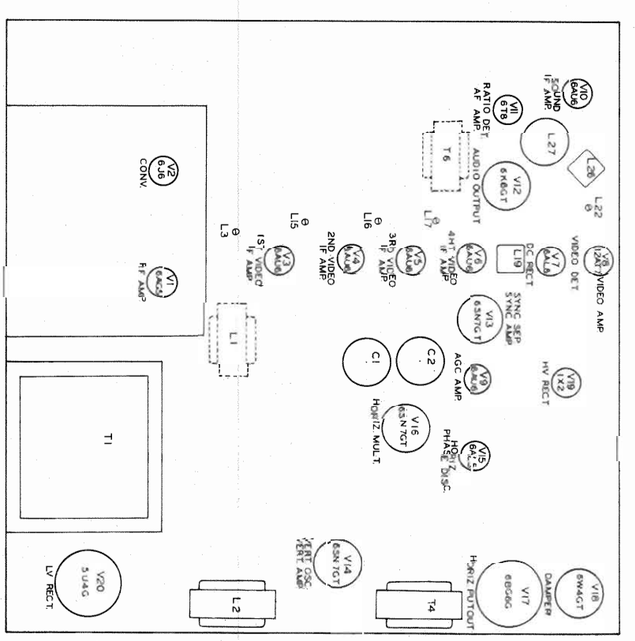
1. DC Voltage measurements are at 20,000 ohms per volt; AC Voltage measured at 1,000 ohms.
2. Pin numbers are counted in a clockwise direction on bottom of socket.
3. Measured values are from socket pin to common negative unless otherwise stated.
4. Line voltage maintained at 117 volts for voltage readings.
5. Front panels controls set at minimum.
6. Where readings may vary according to the setting of the service controls both minimum and maximum readings are given.

TUBE PLACEMENT CHART

BOTTOM VIEW



TOP VIEW



RAYTHEON
MODELS C-1104-B, M-1105B, M-1106, M-1107

ALIGNMENT INSTRUCTIONS

ALIGNMENT INSTRUCTIONS--READ CAREFULLY BEFORE ATTEMPTING ALIGNMENT

The end of the high voltage lead should be securely taped and kept away from the chassis. Do not remove the horizontal oscillator tube to disable the high voltage.

VIDEO IF ALIGNMENT

Remove the converter tube, (V2), from its socket and replace it with a 6J6 which has pin 1 removed. This will disable the local oscillator and prevent the possibility of erroneous indications.
Note: In later productions the 6J6, converter, has been replaced with a 12AT7. In that event use a 12AT7 with pin 1 removed.

	DUMMY ANTENNA	SIGNAL GENERATOR COUPLING	SIGNAL GENERATOR FREQUENCY	CHANNEL	CONNECT VTVM	ADJUST	REMARKS
1.	Direct	High side to an ungrounded tube shield floating over dummy converter tube, (V2). Low side to chassis	26.4MC	Any	DC probe to Point (A). Common to chassis.	A1, A2	Adjust for maximum deflection. Attenuate signal gen. to maintain 1 volt reading.
2.	"	"	23.4MC	"	"	A3, A4	"
3.	"	"	25MC	"	"	A5	"

OVERALL VIDEO IF RESPONSE CHECK

	DUMMY ANTENNA	SWEEP GENERATOR COUPLING	SWEEP GENERATOR FREQUENCY	MARKER GENERATOR FREQUENCY	CHANNEL	CONNECT SCOPE	ADJUST	REMARKS
4.	Direct	High side to an ungrounded tube shield floating over dummy converter tube, (V2). Low side to chassis	24MC (10MC SWP)	23MC 26.75MC	Any	Vert. Amp. to Point (A). Low side to chassis.		Check for response curve similar to fig. 1. If necessary retouch A1 thru A5 for proper response.

4.5MC TRAP ADJUSTMENT

	DUMMY ANTENNA	SWEEP GENERATOR COUPLING	SWEEP GENERATOR FREQUENCY	MARKER GENERATOR FREQUENCY	CHANNEL	CONNECT SCOPE	ADJUST	REMARKS
5.	.01MFD.	High side to pin 1 (cathode of 6AL5, (V7). Low side to chassis.	Not used	4.5MC (400% Mod.)	Any	Vert. Amp. to pin 2 of picture tube. Low side to chassis.	A6	Adjust for MINIMUM 400% indication on scope.

SOUND IF ALIGNMENT USING AM SIGNAL GENERATOR AND VTVM

Connect two matched 100KΩ (± 1%) resistors in series from Point B to B-. The junction of these two resistors is alignment Point D as shown on the schematic.

	DUMMY ANTENNA	SIGNAL GENERATOR COUPLING	SIGNAL GENERATOR FREQUENCY	CHANNEL	CONNECT VTVM	ADJUST	REMARKS
6.	.01MFD.	High side to pin 1 (cathode of 6AL5, (V7). Low side to chassis.	4.5MC (unmod.)	Any	DC probe to Point (B). Common to chassis.	A7, A8	Adjust for maximum deflection.
7.	"	"	"	"	DC probe to Point (C). Common to Point (D).	A9	Adjust for zero reading. A positive and negative reading will be obtained on either side of the correct setting.

SOUND IF ALIGNMENT USING FM SIGNAL GENERATOR AND OSCILLOSCOPE

Use frequency modulated signal with 60% modulation and 450KC sweep. Use 120% sawtooth voltage in scope for horizontal deflection.

	DUMMY ANTENNA	SWEEP GENERATOR COUPLING	SWEEP GENERATOR FREQUENCY	MARKER GENERATOR FREQUENCY	CHANNEL	CONNECT SCOPE	ADJUST	REMARKS
6.	.01MFD.	High side to pin 1 (cathode of 6AL5, (V7). Low side to chassis.	4.5MC (450KC SWP)	4.5MC	Any	Vert. Amp. to Point (B). Low side to chassis.	A7, A8	Disconnect stabilizor capacitor C6. Adjust for maximum amplitude and symmetry as per fig. 2.
7.	"	"	"	"	"	Vert. Amp. to Point (C). Low side to chassis.	A9	Reconnect capacitor C6. Adjust A9 so 4.5MC occurs at center of crossover lines as per fig. 3. SLIGHTLY retouch A8 for maximum amplitude and straightness of crossover lines.

TUNER ALIGNMENT

Remove the dummy converter tube and replace the original tube in its socket.
Pre-set the trimmer screws as shown in figure 5.
With the switch in low band position, turn the tuner core carriage to the extreme top of its travel.
Check to see that the cores project 1.6mms. out of the coils, then turn the low band oscillator core on additional four turns out of the coil, (counter-clockwise).

LOW BAND ALIGNMENT

Move carriage bar down 7/64 inch, from extreme top, by turning tuning control clockwise. This is the proper position for channel 6.
Connect the synchronized sweep voltage from the signal generator to the horizontal input of the oscilloscope for horizontal deflection.
The sweep generator output lead should be terminated with its characteristic impedance, usually 50 ohms.

	DUMMY ANTENNA	SWEEP GENERATOR COUPLING	SWEEP GENERATOR FREQUENCY	MARKER GENERATOR FREQUENCY	CHANNEL	CONNECT SCOPE	ADJUST	REMARKS
8.	Two 120Ω carbon resistors	Across antenna terminals with 120Ω in each lead.	85MC (10MC SWP)	83.25MC 87.75MC	6 (see note above)	Vert. Amp. to Point (A). Low side to chassis.	A10, A11, A12	Adjust for maximum response with symmetrical peaks.
9.	"	"	"	"	"	"	A13	Adjust to place video marker at 50% on response curve as shown in fig. 4.
10.	"	"	63MC (10MC SWP)	61.25MC 65.75MC	3	"		Turn the tuning control until the video marker appears at 50% on the response curve for each of the low band channels, and check for proper response curve. If necessary retouch A11 and A12 for compromise adjustment which will give best response over the low band channels.
			69MC (10MC SWP)	67.25MC 71.75MC	4			
			79MC (10MC SWP)	77.25MC 81.75MC	5			
			57MC (10MC SWP)	55.25MC 59.75MC	2			

HIGH BAND ALIGNMENT

Move the carriage bar down 7/64 inch, from extreme top, by turning tuning control counter-clockwise. This is the proper position for channel 13.

	DUMMY ANTENNA	SWEEP GENERATOR COUPLING	SWEEP GENERATOR FREQUENCY	MARKER GENERATOR FREQUENCY	CHANNEL	CONNECT SCOPE	ADJUST	REMARKS
11.	Two 120Ω carbon resistors	Across antenna terminals with 120Ω in each lead.	213MC (10MC SWP)	211.25MC 215.75MC	13 (see note above)	Vert. Amp. to Point (A). Low side to chassis.	A14, A15, A16	Adjust for maximum amplitude of response with symmetrical peaks.
12.	"	"	"	"	"	"	A17	Adjust to place video marker at 50% on response curve as shown in fig. 4.
13.	"	"	207MC (10MC SWP)	205.25MC 209.75MC	12	"		Turn tuning control to place video marker at 50% for each of the high band channels, and check for proper response curve. If necessary retouch A15 and A16 for compromise adjustment which will give the best response over the high band channels.
			201MC (10MC SWP)	199.25MC 203.75MC	11			
			195MC (10MC SWP)	193.25MC 197.75MC	10			
			189MC (10MC SWP)	187.25MC 191.75MC	9			
			183 MC (10MC SWP)	181.25MC 185.75MC	8			
			177 MC (10MC SWP)	175.25MC 179.75MC	7			

ALIGNMENT INSTRUCTIONS (CONT.)

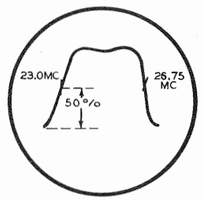


FIG. 1

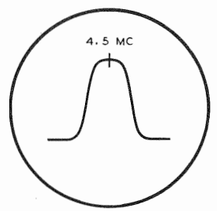


FIG. 2

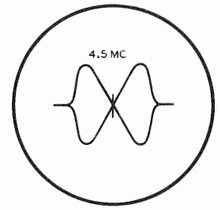


FIG. 3

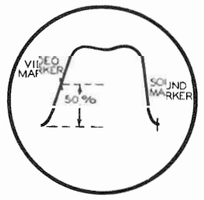


FIG. 4

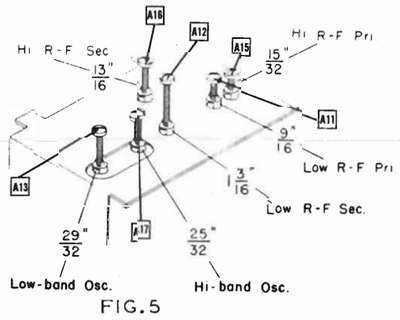
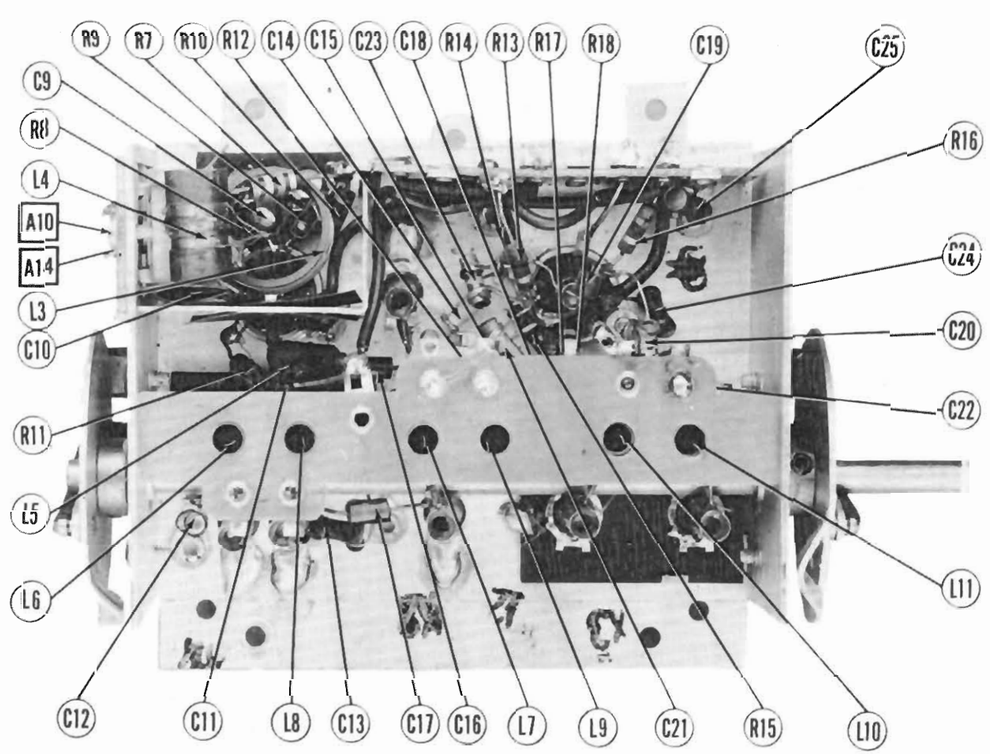


FIG. 5

ALIGNING TRIMMERS

The dimensions shown are approx from the shoulder of screw head to mounting base



RF TUNER - BOTTOM VIEW

CHASSIS BOTTOM VIEW-RESISTOR AND INDUCTOR IDENTIFICATION

PARTS LIST AND DESCRIPTIONS

TUBES (SYLVANIA or Equivalent)

ITEM No.	USE	REPLACEMENT DATA: BELMONT PART No.	REPLACEMENT DATA: STANDARD REPLACEMENT	RMA BASE TYPE	NOTES
V1	RF Amplifier	6AG5	6AG5	7BD	
V2A	Converter	6J6	6J6	7BF	
B	Converter	12AT7	12AT7	9A	
V3	Ist. Video IF Amp.	6AU6	6AU6	7BK	
V4	2nd. Video IF Amp.	6AU6	6AU6	7BK	
V5	3rd. Video IF Amp.	6AU6	6AU6	7BK	
V6	4th. Video IF Amp.	6AU6	6AU6	7BK	
V7	Video Detector-DC Restorer	6AL5	6AL5	6BT	
V8A	Video Amplifier	12AT7	12AT7	9A	
B	Video Amplifier	12AU7	12AU7	9A	
V9	AGC Amplifier	6AU6	6AU6	7BK	
V10	Sound IF Amplifier	6AU6	6AU6	7BK	
V11	Ratio Detector-AF Amplifier	6T8	6T8	9E	
V12	Audio Output	6K6GT	6K6GT	7S	
V13	Sync. Separator-Sync. Amplifier	6SN7GT	6SN7GT	8BD	
V14	Vert. Amplifier-Vert. Oscillator	6SN7GT	6SN7GT	8BD	
V15	Horiz. Phase Discr.	6AL5	6AL5	6BT	
V16	Horiz. Mult.	6SN7GT	6SN7GT	8BD	
V17	Horiz. Output	6BG6G	6BG6G	5BT	
V18	Damper	6W4GG	6W4GT	4CG	
V19	HV Rectifier	1X2	1X2	7CB	
V20	LV Rectifier	5U4G	4U4G	5T	

CATHODE-RAY TUBE

ITEM No.	REPLACEMENT DATA: BELMONT PART No.	SYLVANIA PART No.	THOMAS PART No.	RTMA BASE TYPE	NOTES
V 21	12LP4A	12LP4A	12LP4A ①		① Use single magnet ion trap.

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.	RATING: VOLT	REPLACEMENT DATA: BELMONT PART No.	AEROVOX PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	ERIE PART No.	SPRAGUE PART No.	IDENTIFICATION CODES AND INSTALLATION NOTES
C1A	30	450	A-8C-17845	AFH3666J		UPT36145		TVL-3790	▲ Filter
B	60	450							■ Filter
C	10	450							▲ Decoupling **
C2A	30	450	A-8C-18487	AF644J		UPT409		TVL-3741	▲ Filter
B	30	450		PRS25/109				TVA-1207	■ Audio Output Dec.
C	125	25							▲ Vert. Amp. Cathode
C3	8	450	A-8C-13453	PRS450/8		BR845A		TVA-1704	Decoupling ¶
C4	5	50	A-8C-11751	PRS150/4		BR550		TVA-1303	AGC Filter
C5	10	50	A-8C-17183	PRS50/10		BR105		TVA-1304	Audio Output cathode
C6	10	50	A-8C-17183	PRS50/10		BR105		TVA-1304	Stabilizing Cap.
C7	10	150	A-8C-11495	PRS150/12		BR1015		TVA-1406	Decoupling
C8	8	450	A-8C-13453	PRS450/8		BR845A		TVA-1704	Decoupling
C9	220		C-8G-16045	SI220	D6-221		GP2K-221	5GA-T22	RF Coupling
C10	5000		A-8G-12962	BPD-005	DD-502		811-005	5HK-D5	RF Amp. Cathode
C11	1000		A-8G-13201	SI1000	D6-102		GP2L-102	5HK-D1	RF Amp. Screen
C12	15				TCZ-15		NP0K-150	5TCC-Q15	Fixed Trimmer †
C13	1000		C-8G-13201	SI1000	D6-102		GP2L-102	5HK-D1	RF Bypass
C14	4.7			SI4.7NP0	TCZ-4.7		NP0K-4R7		Fixed Trimmer #
C15	1000		C-8G-13201	SI1000	D6-102		GP2L-102	5HK-D1	RF Bypass
C16	.5		A-8G-12495-7		TCZ-.5		NP0K-0R5		RF Coupling
C17	1.5			SI1.5NP0	TCZ-1.5		NP0K-1R5		RF Coupling
C18	2.2		A-8G-12495-4		TCZ-2.2		NP0K-2R2		Osc. Coupling
C19	2.2		A-8G-12495-4		TCZ-2.2		NP0K-2R2		Osc. Coupling
C20	51		A-8G-11891		TCN-51		N750K-510		Osc. Feedback
C21	2.5		C-8G-15737						Osc. Grid Cap.
C22	7		C-8G-15224	SI6.8NP0	TCZ-6.8		NP0K-6R8		Fixed Trimmer
C23	51		A-8G-11891	SI51	TCN-51		GP1K-510	5GA-Q5	Mixer Cathode
C24	220		C-8G-16045	SI220	D6-221		GP2K-220	5GA-T22	Conv. Fil.
C25	1000		C-8G-13201	SI1000	D6-102		GP2L-102	5HK-D1	RF Bypass
C26	7		C-8G-15224	SI6.8NP0	TCZ-6.8		NP0K-6R8		Fixed Trimmer
C27	1000		C-8G-13201	SI1000	D6-102	1W5D1	GP2L-102	5HK-D1	Conv. Plate Dec.
C28	5000		A-8G-13962	BPD-005	DD-502	1D5D5	811-005	5HK-D5	RF Bypass
C29	100	500	C-8F3-8	1468-9001	D6-101	1W5T1	GP1K-101	1FM-3	IF Coupling
C30	1000		C-8G-13201	SI1000	D6-102	1W5D1	GP2L-102	5HK-D1	AGC Filter
C31	1000		C-8G-13201	SI1000	D6-102	1W5D1	GP2L-102	5HK-D1	AGC Filter
C32	.1	200	C-8D-10770	P288-1	DF-104	PTE4P1		2TM-F1	AGC Filter
C33	1000		C-8G-13201	SI1000	D6-102	1W5D1	GP2L-102	5HK-D1	Ist. Video IF Dec.
C34	1000		C-8G-13201	SI1000	D6-102	1W5D1	GP2L-102	5HK-D1	Ist. Video IF Fil.
C35	47	500	C-8F3-109	1468-00005	D6-470	5R5Q5	GP1K-470	MS-45	IF Coupling
C36	1000		C-8G-13201	SI1000	D6-102	1W5D1	GP2L-102	5HK-D1	AGC Filter
C37	1000		C-8G-13201	SI1000	D6-102	1W5D1	GP2L-102	5HK-D1	2nd. Video IF Dec.
C38	1000		C-8G-13201	SI1000	D6-102	1W5D1	GP2L-102	5HK-D1	2nd. Video IF Fil.
C39	47	500	C-8F3-109	1468-00005	D6-470	5R5Q5	GP1K-470	MS-45	IF Coupling
C40	1000		C-8G-13201	SI1000	D6-102	1W5D1	GP2L-102	5HK-D1	AGC Filter
C41	1000		C-8G-13201	SI1000	D6-102	1W5D1	GP2L-102	5HK-D1	3rd. Video IF Dec.
C42	1000		C-8G-13201	SI1000	D6-102	1W5D1	GP2L-102	5HK-D1	3rd. Video IF Fil.
C43	47	500	C-8F3-109	1468-00005	D6-470	5R5Q5	GP1K-470	MS-45	IF Coupling
C44	1000		C-8G-13201	SI1000	D6-102	1W5D1	GP2L-102	5HK-D1	4th. Video IF Plate
C45	1000		C8G-13201	SI1000	D6-102	1W5D1	GP2L-102	5HK-D1	4th. Video IF Screen
C46	1000		C8G-13201	SI1000	D6-102	1W5D1	GP2L-102	5HK-D1	4th. Video IF Cathode
C47	1000		C-8G-13201	SI1000	D6-102	1W5D1	GP2L-102	5HK-D1	4th. Video IF Fil.
C48	5		C-8G-12166	SI5NP0			NP0K-050		Video Diode Filter
C49	22				TCZ-22		NP0K-220	5TCC-Q22	Fixed Trimmer
C50	1000		C-8G-13201	SI1000	D6-102	1W5D1	GP2L-102	5HK-D1	Video Det. Fil.
C51	68	500	C-8F3-111	1469-00007	D6-680	5R5Q7	GP1K-680	MS-47	Video Coupling
C52	.01	400	C-8D-10761	P488-01	DF-103	PTE4S1	GP2-333-103	4TM-S1	Video Coupling
C53	.1	400	C-8D-10760	P488-1	DF-104	PTE4P1		4TM-P1	Video Coupling
C54	.1	400	C-8D-10760	P488-1	DF-104	PTE4P1		4TM-P1	Picture Tube Cathode
C55	3.3		A-8G-12495-5	SI3.3NP0	TCZ-3.3		NP0K-3R3		Sound IF Coupling
C56	.004	400	C-8D-17958	P888-004	D6-402	PTE6D4	GP2-333-402	6TM-D4	Sound IF Decoupling
C57	5000		A-8G-13962	BPD-005	DD-502	1D5D5	811-005	5HK-D5	Sound IF Cathode

CAPACITORS (CONT.)

ITEM No.	RATING: CAP.	RATING: VOLT	REPLACEMENT DATA: BELMONT PART No.	AEROVOX PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	ERIE PART No.	SPRAGUE PART No.	IDENTIFICATION CODES AND INSTALLATION NOTES
C58	5000		A-8G-13962	BPD-005	DD-502	1D5D5	811-005	5HK-D5	RF Bypass
C59	5			SI5		5W5V5	GP1K-050		Balancing Cap. †
C60	470	500	C-8F3-121	1469-0005	D6-471	5R5T5	GP2K-471	MS-35	Diode Load Cap.
C61	2000			SI2000	D6-202	1W5D2	GP2-333-202	5HK-D2	De-emphasis ††
C62	.01	200	C-8D-11738	P488-01	D6-103	PTE4S1	GP2-333-103	4TM-S1	Audio Coupling
C63	.02	200	C-8D-17268	P488-02	DF-203	PTE4S2		2TM-S2	Tone Comp. *
C64	.01	200	C-8D-11738	P488-01	D6-103	PTE4S1	GP2-333-103	4TM-S1	Audio Coupling
C65	.01	400	C-8D-10761	P488-01	D6-103	PTE4S1	GP2-333-103	4TM-S1	Audio Coupling
C66	.005	600	C-8D-10935	P488-005	D6-502	PTE6D5	GP2-333-502	6TM-D5	Audio Output Plate††
C67	470	500	C-8F3-121	1469-0005	D6-471	5R5T5	GP2K-471	MS-35	Sync. Coupling
C68	.1	200	C-8D-10770	P288-1	DF-104	PTE4P1		2TM-P1	Sync. Coupling
C69	.01	400	C-8D-10761	P488-01	D6-103	PTE4S1		4TM-S1	Sync. Sep. Plate
C70	.005	600	C-8D-10935	P688-005	D6-502	PTE6D5	GP2-333-502	6TM-D5	Vert. Sync. Coupling
C71	.02	400	C-8D-10774	P488-02	DF-203	PTE4S2		4TM-S2	Integrator Net.
C72	.05	400	C-8D-14461	P488-05	DF-503	PTE4S5		4TM-S5	Vert. Discharge
C73	.25	400	C-8D-13439	P488-25		GT4P25		4TM-P25	Vert. Sweep Coupling
C74	470	500	C-8F3-121	1469-0005	D6-471	5R5T5	GP2K-471	MS-35	Horiz. Sync. Coupling
C75	680	500	C-8F3-123	1479-0007	D6-681	2R5T7	GP2K-681	MS-37	Voltage Divider
C76	220	500	C-8F3-117	1469-00025	D6-221	5R5T25	GP2K-221	MS-32	Horiz. Feedback
C77	680	500	C-8F3-123	1479-0007	D6-681	2R5T7	GP2K-681	MS-37	Voltage Divider
C78	220	500	C-8F3-117	1469-00025	D6-221	5R5T25	GP2K-221	MS-32	Horiz. Feedback
C79	.02	600	C-8D-17268	P688-02	DF-203	PTE6S2		6TM-S2	AFC Filter
C80	.002	600	C-8D-10778	P688-002	D6-202	PTE6D2	GP2-333-202	6TM-D2	AFC Filter
C81	3900	500	C-8F11-132	1464-004	D6-402	1DR5D4	GP2-333-402	MS-24	Fixed Trimmer
C82	220	500	C-8F3-117	1469-00025	D6-221	5R5T25	GP2K-221	MS-32	Horiz. MV Feedback
C83	680	500	C-8F3-123	1479-0007	D6-681	2R5T7	GP2K-681	MS-37	Horiz. Discharge
C84	.001	400	C-8D-12020	P688-001	D6-102	PTE6D1	GP2L-102	6TM-D1	Horiz. Sweep Coupling
C85	22		C-8G-11892		TCN-22		N750K-220	5TCU-Q22	Horiz. Feedback
C86	.1	400	C-8D-17990	P488-1	DF-104	PTE4P1		4TM-P1	Horiz. Output Screen
C87	.1	200	C-8D-10770	P288-1	DF-104	PTE4P1		2TM-P1	Fixed Trimmer ##
C88	.5	200	C-8D-11270	P288-5		GT2P5		2TM-P5	Horiz. Sweep Coupling
C90	1000	500	C-8F6-125	1468-001	D6-102	1W5D1	GP2L-102	1FM-21	RF Bypass

† Some models use 4.7MMF Mfgrs. Part # A-8G-12495-6 in this application.
† Some models use 12MMF Mfgrs. Part # C-8G-17305 in this application.
# Some models use 4MMF Mfgrs. Part # C-8G-11893 in this application.
†† Some models use 470MMF Mfgrs. Part # C-8F3-12 in this application.
†† Some models use .01MF Mfgrs. Part # C-8D-10761 in this application.
Some models use .05MF Mfgrs. Part # C-8D-10770 in this application.
* Not used in all models.
** Replaces C6 in chassis 12AX26.
¶ Not used in chassis 12AX26 and is replaced by C1C.

CONTROLS

ITEM No.	RATING: RESISTANCE	RATING: WATTS	REPLACEMENT DATA: BELMONT PART No.	IRC PART No.	CLAROSTAT PART No.	CENTRALAB PART No.	INSTALLATION NOTES
R1A	5000Ω	½	A-10A-18441		RTY-218	SBBT-617-S	Contrast Control - Front
B	1Meg	½					Volume Control and SW - Tapped ④ 100KΩ - Rear
R2A	50KΩ	½	A-10B-17764	QII-123	AG-44-S	AN-31	Brightness Control
B	Shaft		Not req.	Not req.	KSS-3	AK-4	Attach to R2A per instructions
R3A	100KΩ	½	A-10B-17275	QII-128	AG-49-S	AN-40	Vert. Hold Control
B	Shaft		Not req.	Not req.	KSS-3	AK-4	Attach to R3A per instructions
R4A	5000	½	A-10B-17766	QII-114	AM-19-S	AN-10	Vert. Linearity Control
B	Shaft		Not req.	Not req.	FKS-1/4	AK-1	Attach to R4A per instructions
R5A	750KΩ	½	A-10B-18240		AG-61-S	AN-69	Vert. Size Control
B	Shaft		Not req.		FKS-1/4	AK-1	Attach to R5A per instructions
R6A	50KΩ	½	A-10B-17764	QII-123	AG-44-S	AN-31	Horiz. Hold Control
B	Shaft		Not req.	Not req.	KSS-3	AK-4	Attach to R6A per instructions

RESISTORS

ITEM No.	RATING: RESISTANCE	RATING: WATTS	REPLACEMENT DATA: BELMONT PART No.	IRC PART No.	IDENTIFICATION CODES (ALL RESISTORS ± 10% UNLESS OTHERWISE SPECIFIED)
R7	470KΩ 5%	½		BTS-470K-5%	Antenna Isolation
R8	68Ω	½	C-9B1-60	BTS-680	Antenna Coil Shunt
R9	10KΩ	½	C-9B1-74	BTS-10K	RF Amp. Grid
R10	68Ω	½	C-9B1-48		RF Amp. Cathode
R11	1000Ω 20%	½	C-9B1-13	BTS-1000	RF Amp. Screen
R12	5600Ω	½	C-9B1-71	BTS-5600	RF Coil Shunt
R13	10KΩ	½	C-9B1-74	BTS-10K	Mixer Grid
R14	220Ω	½	C-9B1-54	BTS-220	Conv. Cathode
R15	10KΩ	½	C-9B1-74	BTS-10K	Osc. Grid
R16	5600Ω	½	C-9B1-71	BTS-5600	Osc. Plate
R17	10Ω	½	C-9B1-38		Parasitic Suppressor
R18	10Ω	½	C-9B1-38		Parasitic Suppressor
R19	1000Ω 20%	½	C-9B1-13	BTS-1000	Decoupling
R20	1000Ω 20%	½	C-9B1-13	BTS-1000	AGC Network
R21	8200Ω	½	C-9B1-73	BTS-8200	Ist. Video IF Amp. Grid
R22	82Ω	½	C-9B1-49	BTS-82	Ist. Video IF Amp. Cathode
R23	1000Ω 20%	½	C-9B1-13	BTS-1000	Ist. Video IF Amp. Decoupling
R24	1000Ω 20%	½	C-9B1-13	BTS-1000	AGC Network
R25	4700Ω	½	C-9B1-70	BTS-4700	2nd. Video IF Amp. Grid
R26	82Ω	½	C-9B1-49	BTS-82	2nd. Video IF Amp. Cathode
R27	1000Ω 20%	½	C-9B1-13	BTS-1000	2nd. Video IF Amp. Decoupling
R28	1000Ω 20%	½	C-9B1-13	BTS-1000	AGC Network
R29	8200Ω	½	C-9B1-73	BTS-8200	3rd. Video IF Amp. Grid
R30	82Ω	½	C-9B1-49	BTS-82	3rd. Video IF Amp. Cathode
R31	1000Ω 20%	½	C-9B1-13	BTS-1000	3rd. Video IF Amp. Decoupling
R32	4700Ω	½	C-9B1-70	BTS-4700	4th. Video IF Transformer Shunt
R33	120Ω	½	C-9B1-51	BTS-120	4th. Video IF Amp. Cathode
R34	68KΩ	½	C-9B2-84	BTA-68K	4th. Video IF Amp. Screen
R35	5600Ω	½	C-9B1-71	BTS-5600	4th. Video IF Amp. Plate Decoupling
R36	18KΩ	½	C-9B1-77	BTS-18K	5th. Video IF Transformer Shunt
R37	8200Ω	½	C-9B1-73	BTS-8200	Video Det. Diode Load
R38	33KΩ	½	C-9B1-80	BTS-33K	AGC Network
R39	68KΩ	½	C-9B1-84	BTS-68K	AGC Network
R40	2200Ω	½	C-9B1-66	BTS-2200	AGC Network
R41	2.2Meg	½	C-9B1-102	BTS-2.2Meg	Voltage Divider
R42	1Meg	½	C-9B1-98	BTS-1Meg	DC Restorer Diode Load
R43	6800Ω 20%	½	C-9B1-72	BTS-6800	Video Amp. Plate
R44	3300Ω	1	C-9B2-68	BTA-3300	Video Amp. Plate
R45	22KΩ 20%	2		BTB-22K	Voltage Divider - See Note 4

RESISTORS (CONT.)

ITEM No.	RATING: RESISTANCE	RATING: WATTS	REPLACEMENT DATA: BELMONT PART No.	IRC PART No.	IDENTIFICATION CODES
R46	5600Ω	1	C-9B2-71	BTA-5600	Decoupling - See Note 4
R47	2.2Meg	½	C-9B1-102	BTS-2.2Meg	Video Amp. Grid
R48	100Ω	½	C-9B1-50	BTS-100	Video Amp. Cathode
R49	4700Ω 20%	2	C-9B4-70	BTB-4700	Video Amp. Plate
R50	1000Ω	10	C-9C14-1099	1 3/4A-1000	Voltage Divider - Wire Wound
R51	1200Ω	10	C-9C14-1100	1 3/4A-1200	Voltage Divider - Wire Wound
R52	68KΩ	½	C-9B1-84	BTS-68K	Voltage Divider
R53	22KΩ	½	C-9B1-78	BTS-22K	Picture Tube Grid
R54	100KΩ	½	C-9B1-86	BTS-100K	Picture Tube Cathode
R55	1000Ω	½	C-9B1-62	BTS-1000	Acc. Anode
R56	220KΩ	½	C-9B1-90	BTS-220K	Sound IF Transformer Shunt
R57	120Ω	½	C-9B1-51	BTS-120	Sound IF Amp. Cathode
R58	2200Ω	½	C-9B1-66	BTS-2200	Sound IF Amp. Decoupling
R59	22KΩ 20%	½	C-9B1-78	BTS-22K	Ratio Det. Diode Load
R60	27KΩ 20%	½		BTS-27K	De-emphasis - See Note 2
R61	47KΩ	½	C-9B1-82	BTS-47K	Tone Compensation - See Note 1
R62	10Meg 20%	½	C-9B1-37	BTS-10Meg	AF Amp. Grid
R63	220KΩ	½	C-9B1-90	BTS-220K	AF Amp. Plate
R64	470KΩ 20%	½	C-9B1-94	BTS-470K	Output Grid
R65	680Ω	½	C-9B2-60	BTA-680	Output Cathode
R66	10KΩ	½	C-9B1-74	BTS-10K	Isolation
R67	4.7Meg	½	C-9B1-106	BTS-4.7Meg	Sync. Sep. Grid
R68	68KΩ	2	C-9B4-84	BTB-68K	Sync. Sep. Plate
R69	8200Ω	½	C-9B1-73	BTS-8200	Voltage Divider
R70	2.2Meg	½	C-9B1-102	BTS-2.2Meg	Sync. Amp. Grid
R71	47KΩ 5%	1	C-9B2-82	BTA-47K-5%	Sync. Amp. Plate
R72	56KΩ	½	C-9B1-82	BTS-56K	Integrator
R73	1.5Meg	½	C-9B1-100	BTS-1.5Meg	Vert. Osc. Grid
R74	220KΩ	½	C-9B1-90	BTS-220K	Vert. Osc. Plate
R75	220KΩ	½	C-9B1-90	BTS-220K	Vert. Osc. Plate
R76	3900Ω	½	C-9B1-69	BTS-3900	Vert. Peaking
R77	470KΩ 5%	½	C-9B1-94	BTS-470K-5%	Voltage Divider - See Note 5
R78	47KΩ	½	C-9B1-82	BTS-47K	Voltage Divider - See Note 6
R79	1Meg	½	C-9B1-98	BTS-1Meg	Vert. Amp. Grid
R80	1000Ω	½	C-9B1-62	BTS-1000	Vert. Amp. Cathode
R81	2200Ω	½	C-9B1-66	BTS-2200	Dampling
R82	470KΩ	½	C-9B1-94	BTS-470K	Horiz. Feedback Network - See Note 3
R83	150KΩ	½	C-9B1-88	BTS-150K	Horiz. Phase Det. Diode Load
R84	150KΩ	½	C-9B1-88	BTS-150K	Horiz. Phase Det. Diode Load
R85	2.2Meg	½	C-9B1-102	BTS-2.2Meg	Horiz. Phase Det. Diode Load
R86	2.2Meg	½	C-9B1-102	BTS-2.2Meg	Horiz. Phase Det. Diode Load
R87	68KΩ 20%	½	C-9B1-84	BTS-68K	Horiz. AFC Filter
R88	1500Ω	½	C-9B1-64	BTS-1500	Horiz. MV Cathode
R89	5600Ω	1	C-9B2-71	BTA-5600	Horiz. MV Plate
R90	100KΩ	½	C-9B1-86	BTS-100K	Horiz. MV Grid
R91	220KΩ	½	C-9B1-90	BTS-220K	Horiz. MV Plate
R92	220Ω	½	C-9B1-54	BTS-220	Parasitic Suppressor
R93	470KΩ	½	C-9B1-94	BTS-470K	Horiz. Output Grid
R94	6800Ω	1	C-9B2-72	BTA-6800	Horiz. Output Screen - See Note 7
R95	680KΩ 20%	½	C-9B1-96	BTS-680K	Horiz. Feedback Network
R96	2.2Ω	½	C-9C1-1067		HV Rectifier Filament - See Note 9
R97	5600Ω	2	C-9B4-71	BTB-5600	Decoupling - See Notes 8 and 9
R98	5600Ω	2	C-9B4-71	BTB-5600	Voltage Divider
R99	5600Ω	2	C-9B4-71	BTB-5600	Decoupling
R100	470KΩ 5%	½	C-9B1-94	BTS-470K-5%	Isolation

Note 1 Not used in all models.
Note 2 Some models use 10KΩ resistor in this application.
Note 3 Some models use 220KΩ resistor in this application.
Note 4 Not used in chassis 12AX26.
Note 5 Chassis 12AX26 uses 560KΩ resistor in this application.
Note 6 Chassis 12AX26 uses 100KΩ resistor in this application.
Note 7 Chassis 12AX26 uses 10KΩ resistor in this application.
Note 8 Chassis 12AX26 uses 3900Ω resistor in this application.
Note 9 Used only when horiz. output transformer C-201-18562-1 is used.

TRANSFORMER (POWER)

ITEM No.	RATING: PRI.	RATING: SEC. 1	RATING: SEC. 2	RATING: SEC. 3	REPLACEMENT DATA: BELMONT PART No.	STANCOR PART No.	MERIT PART No.	CHICAGO PART No.
T1	117VAC ② 1.8A	720VCT ② .250ADC	5VAC ② 3A	6.3VAC ② 1.5A SEC. 4 6.3VAC ② 7A	C12A-18839		P-3059	~~PP395 and E403~~ ④ TP360 ①

① Drill new mounting holes.

TRANSFORMER (SWEEP CIRCUITS)

ITEM No.	RATING: DC RESISTANCE PRI.	RATING: DC RESISTANCE SEC.	REPLACEMENT DATA: BELMONT PART No.	STANCOR PART No.	MERIT PART No.	CHICAGO PART No.	NOTES
T2	200Ω	1100Ω	B12M-18241	A-8111 ②	A-3000 ②	TB0-1 ②	Vert. Block Osc. Trans.
T3	870Ω Tap 82Ω	4Ω Tap .3Ω SEC. 2 5.3Ω SEC. 3 0Ω	C12M-18689-1		HV0-6 and MWC-1 ③		Horiz. Output Trans.
T4	990Ω	11.5	B12C-17303	A-8112	A-3036	TS0-5 ①	Vert. Output Trans.
T5A	13.5Ω		B13M-13590	DY-1	MD-12		Horiz. Deflection Coils
B	61Ω						Vert. Deflection Coil.

① Drill one new mounting hole.
③ Used for AGC winding.

TRANSFORMER (AUDIO OUTPUT)

ITEM No.	RATING: IMPEDANCE PRI.	RATING: IMPEDANCE SEC.	RATING: DC RES. PRI.	RATING: DC RES. SEC.	REPLACEMENT DATA: BELMONT PART No.	STANCOR PART No.	MERIT PART No.	CHICAGO PART No.	INSTALLATION NOTES
T6	6.9KΩ	3Ω	480Ω	.9Ω	B12C-18743	A-3878	A-2931	R0-13 ①	① Drill one new mounting hole.

PARTS LIST CONTINUED ON PAGE 15