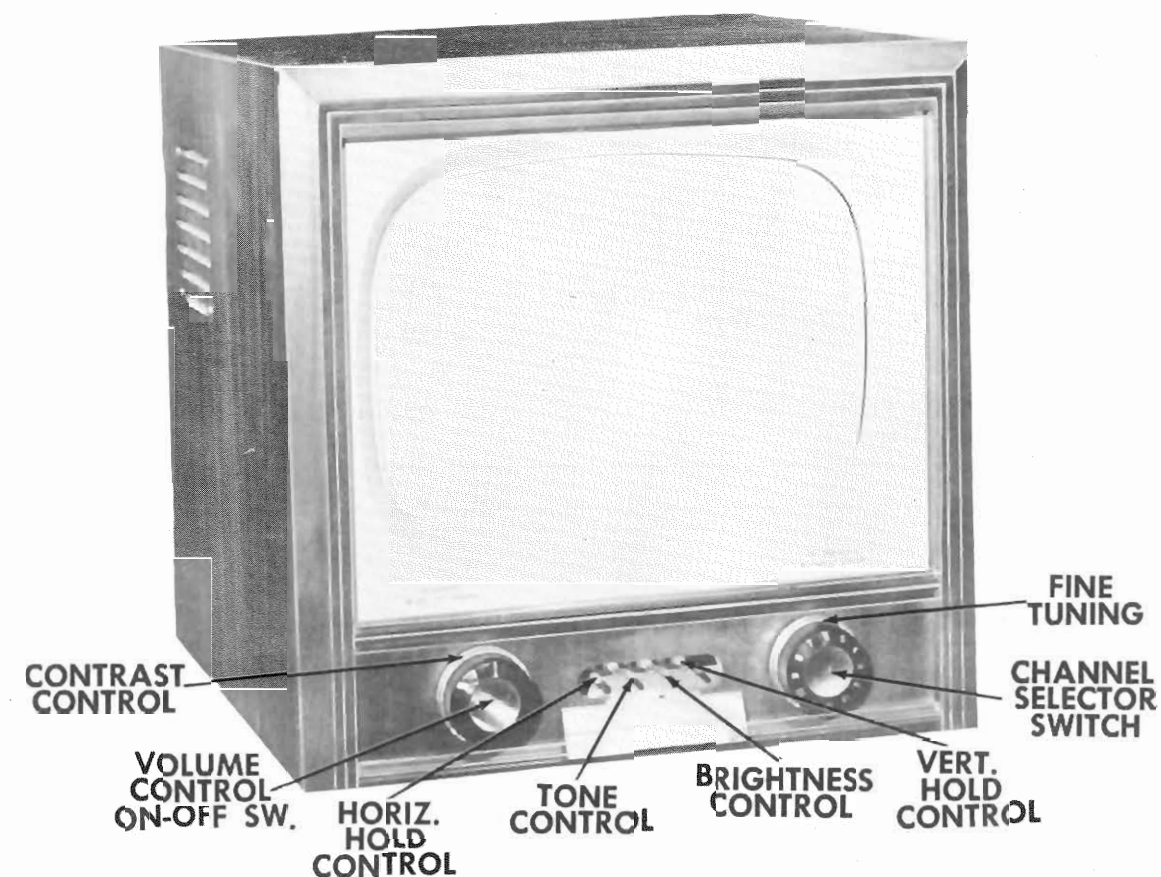


RESISTOR AND INDUCTOR IDENTIFICATION



CORONADO
MODEL 25TV2-43-9022A

TRADE NAME	Coronado Model 25TV2-43-9022A		
MANUFACTURER	Gamble-Skogmo Inc., 15 N. 8th. St, Minneapolis, Minn.		
TYPE SET	Television Receiver		
TUBES	Twenty-three		
POWER SUPPLY	110-120 volts AC-60 cycle	RATING	1.65 amp. @ 117 volts AC
TUNING RANGE-	Channel 2 thru 13		
INDEX			
Alignment Instructions	5, 7	Photographs	
Disassembly Instructions	11	RF Tuner	10
Horizontal Sweep Circuit Adjustments	11	Resistor and Inductor Identification	15, 16
Parts List and Descriptions	12, 13, 14	Resistance Measurements	8
Photographs		Schematic	2
Cabinet - Rear View	11	Tube Failure Check Chart	5
Capacitor and Alignment Identification	4, 9	Tube Placement Chart (Bottom View)	8
Chassis - Top View	3	Tube Placement Chart (Top View)	5

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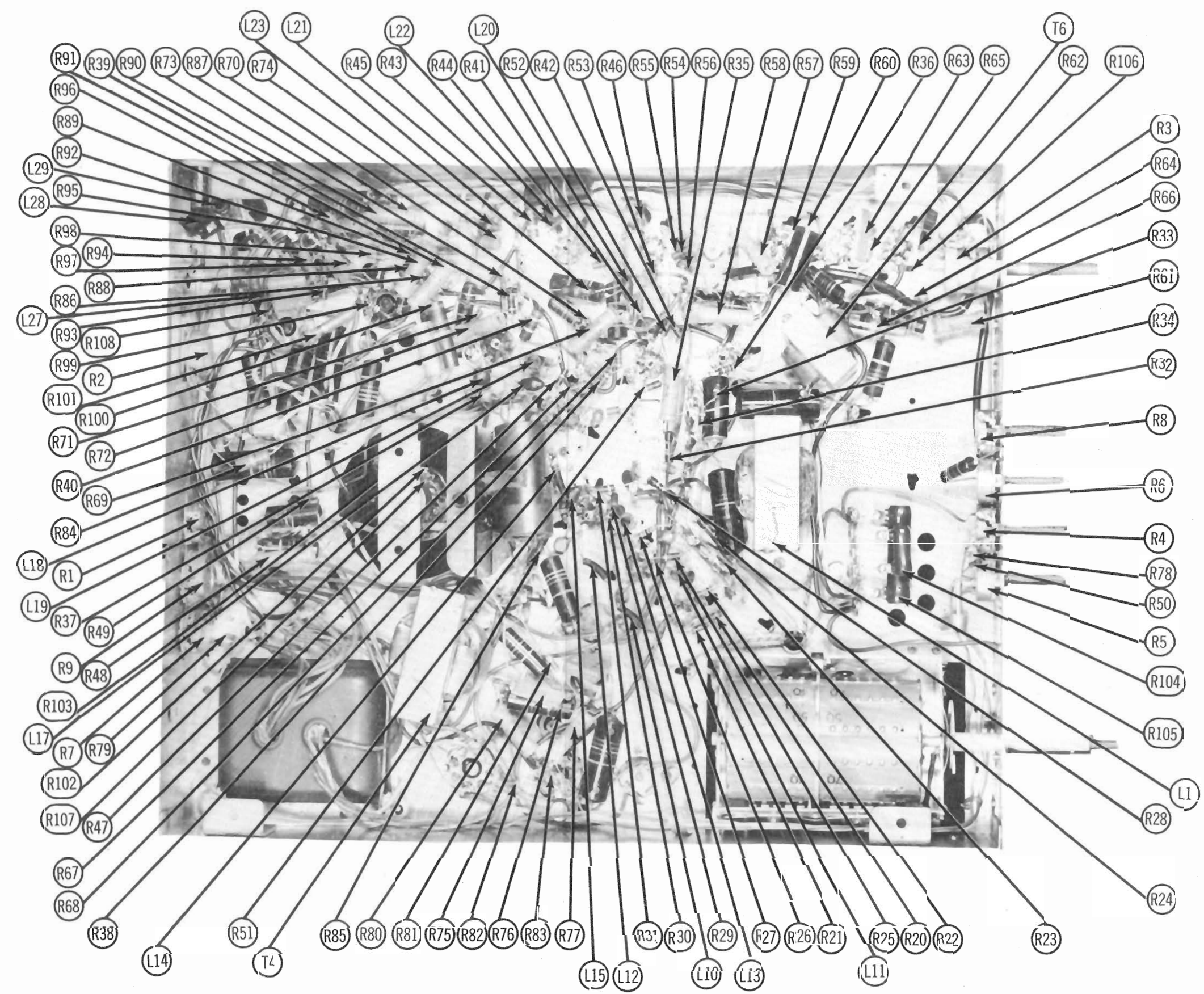
"The listing of any available replacement part herein does not constitute in any case a recommendation, warranty or guaranty by Howard W. Sams & Co., Inc., as to the quality and suitability of such replacement part. The numbers of these parts have been compiled from information furnished to Howard W. Sams & Co., Inc., by the manufacturers of the particular type of replacement part listed." "Reproduction or use, without express permission, of editorial or pictorial con-

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DATE 10-52

SET 183

FOLDER 4



CHASSIS BOTTOM VIEW-RESISTOR AND INDUCTOR IDENTIFICATION

CONTRAST CONTROL

VOLUME CONTROL
ON-OFF

TRADE NAME
MANUFACTURER
TYPE SET
TUBES

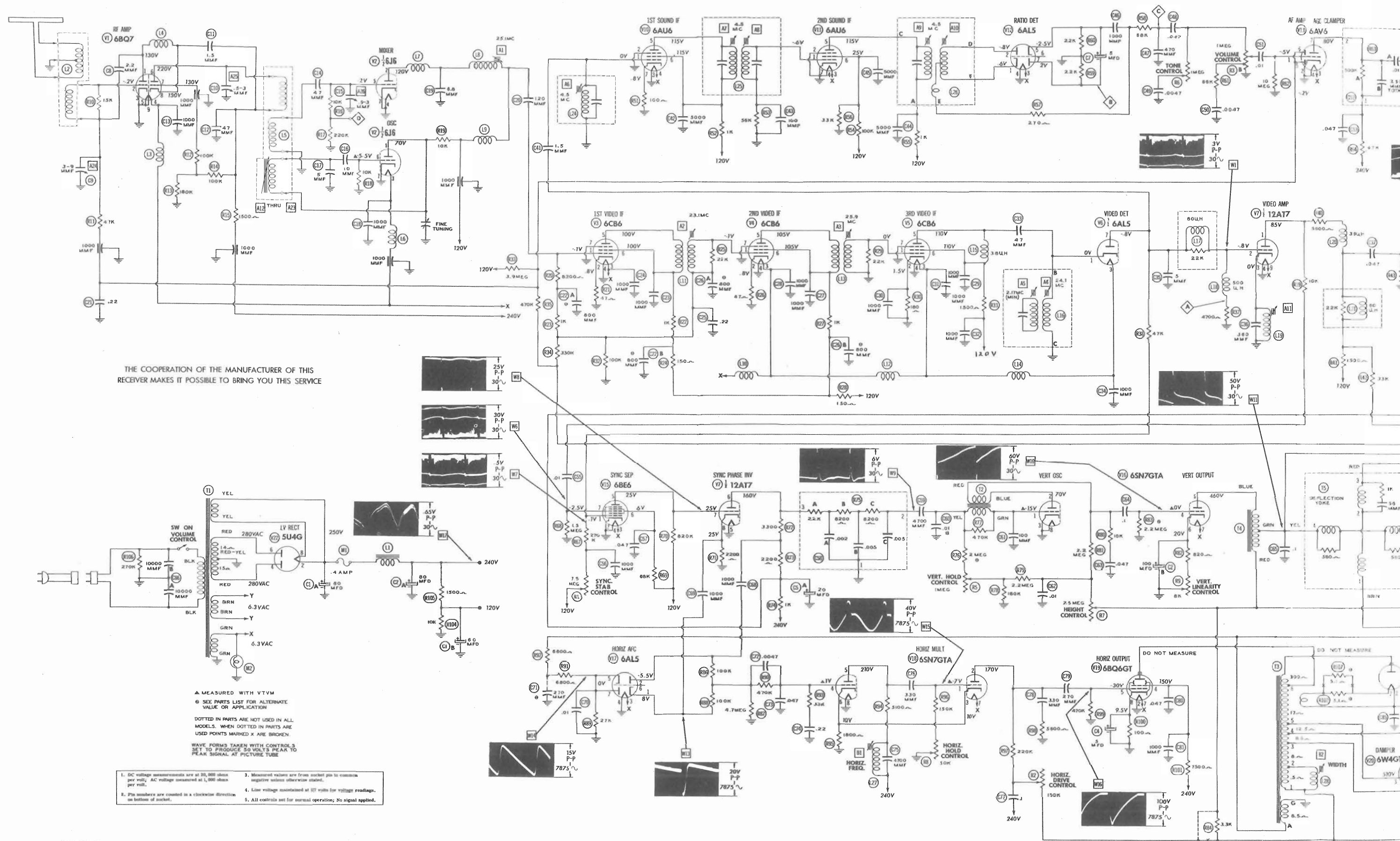
POWER SUPPLY
TUNING RANGE-

Alignment Instructions
Disassembly Instructions
Horizontal Sweep Circuit
Parts List and Description
Photographs

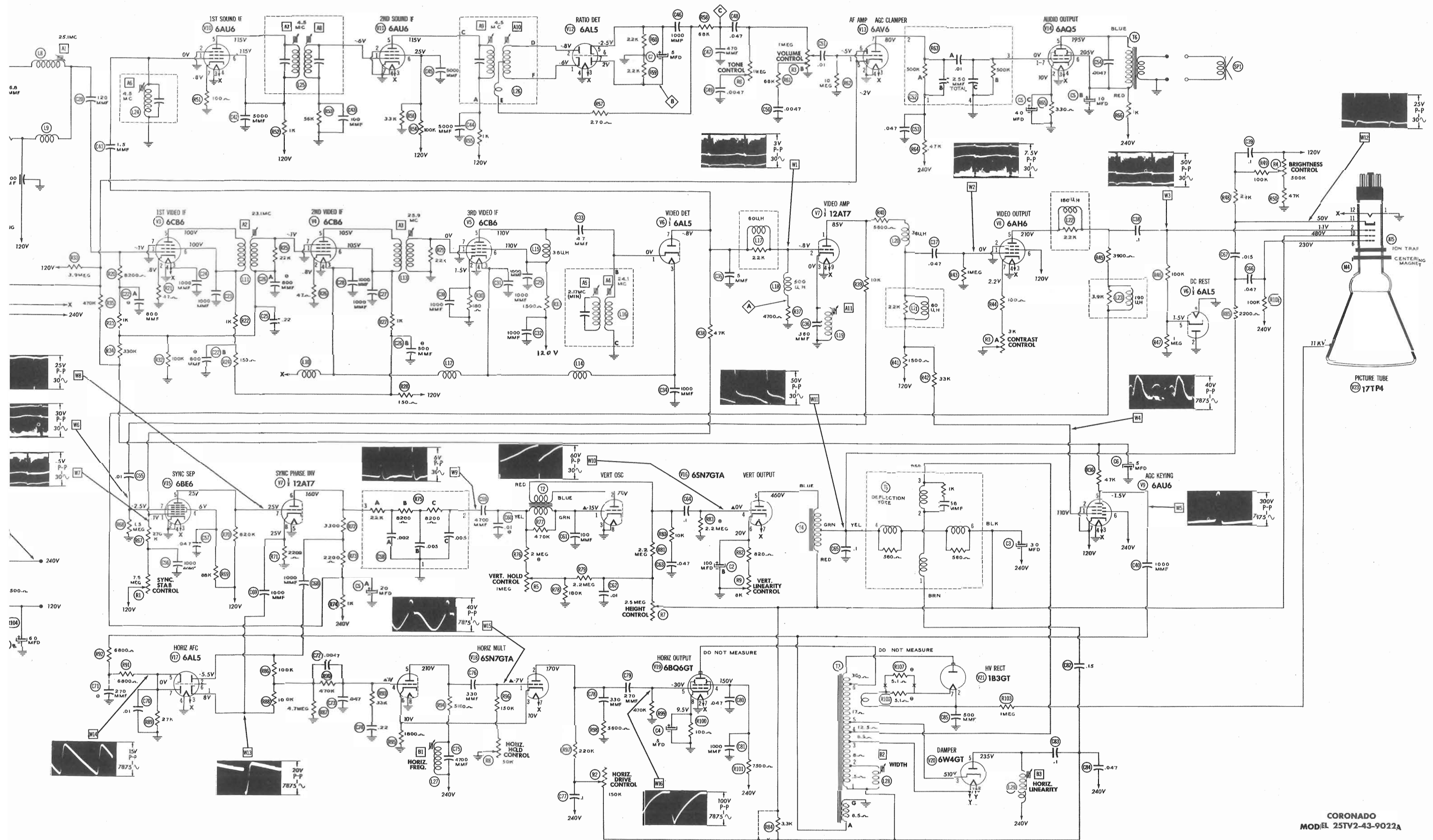
Cabinet - Rear View
Capacitor and Alignment
Chassis - Top View

HOW TO USE

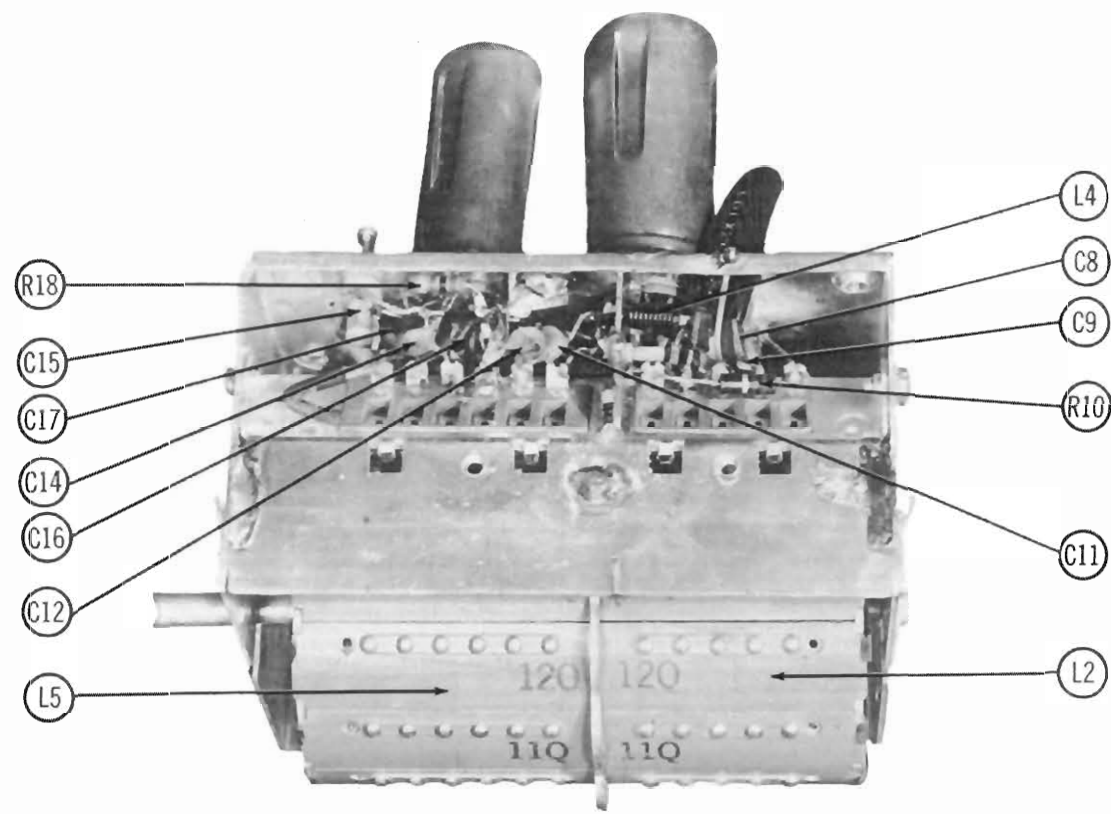
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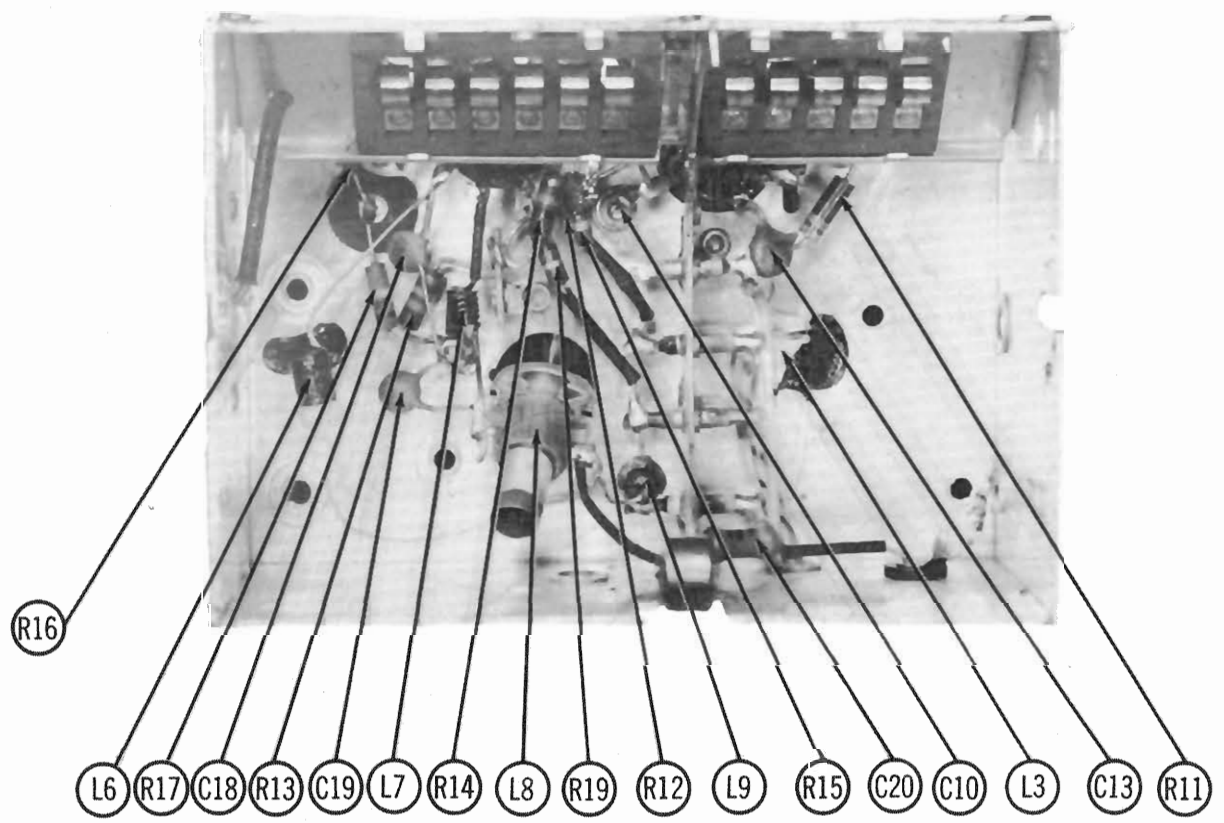
A PHOTOFAC STANDARD NOTATION SCHEMATIC
 © Howard W. Sams & Co., Inc. 1952



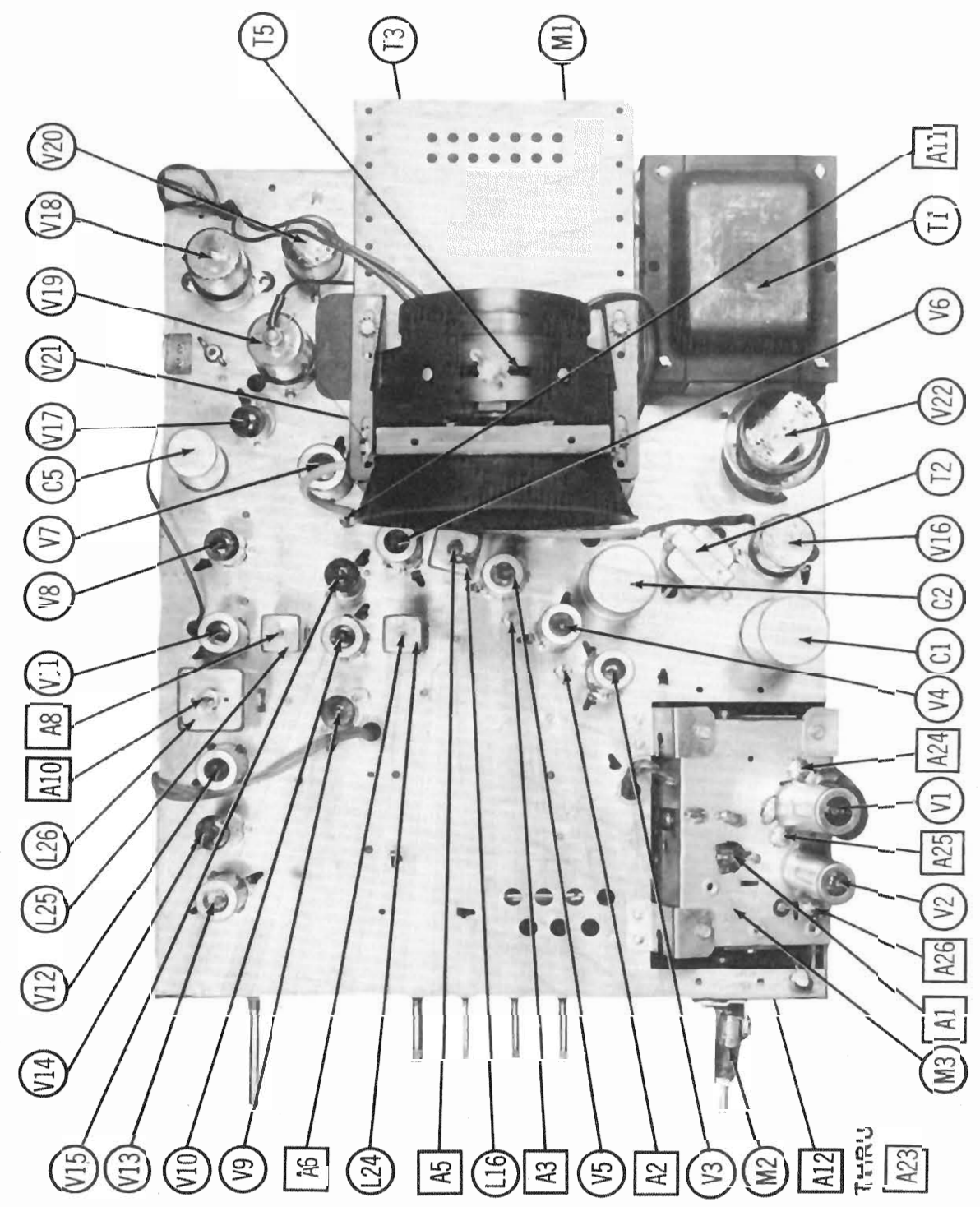
CORONADO
MODEL 25TV2-43-9022A



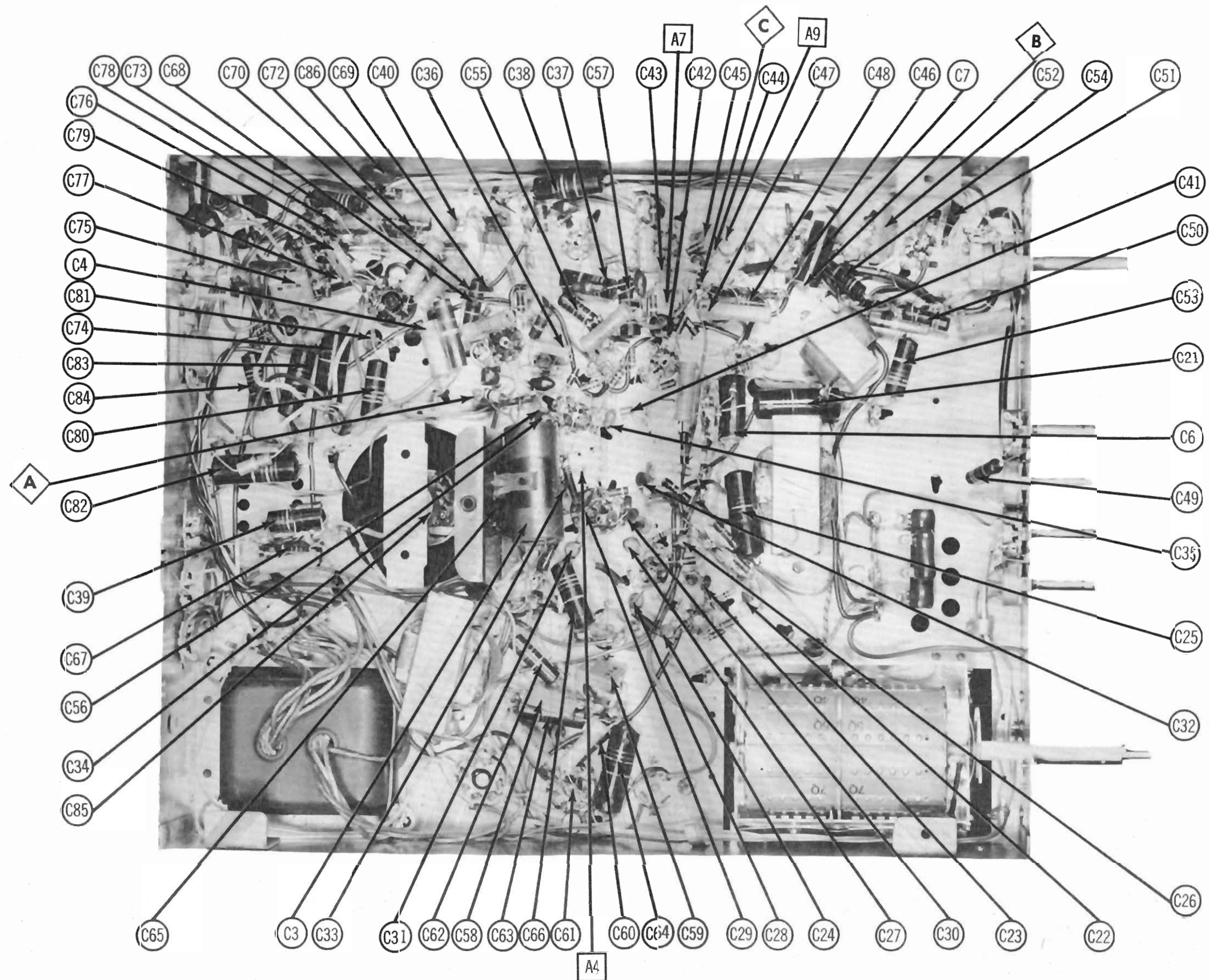
RF TUNER-RIGHT SIDE



RF TUNER-BOTTOM VIEW



MAIN POL SISSVHO
CORONADO
MODEL 25TV2-43-9022A

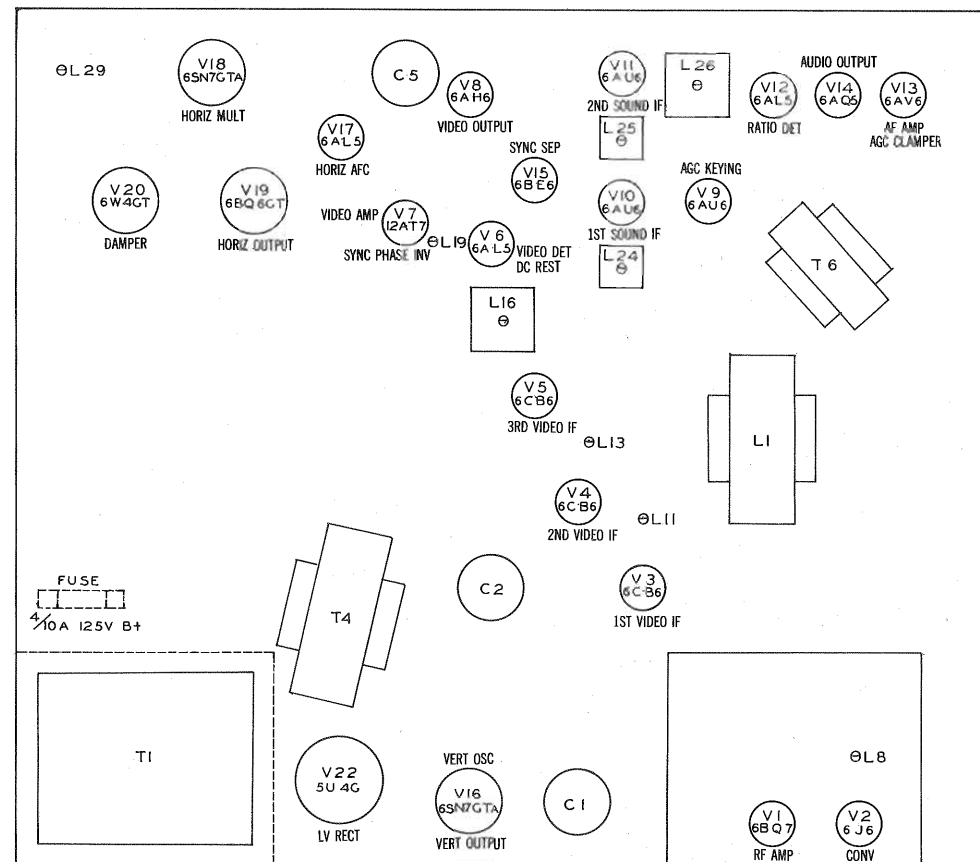


CHASSIS BOTTOM VIEW-CAPACITOR AND ALIGNMENT IDENTIFICATION

RESISTANCE MEASUREMENTS

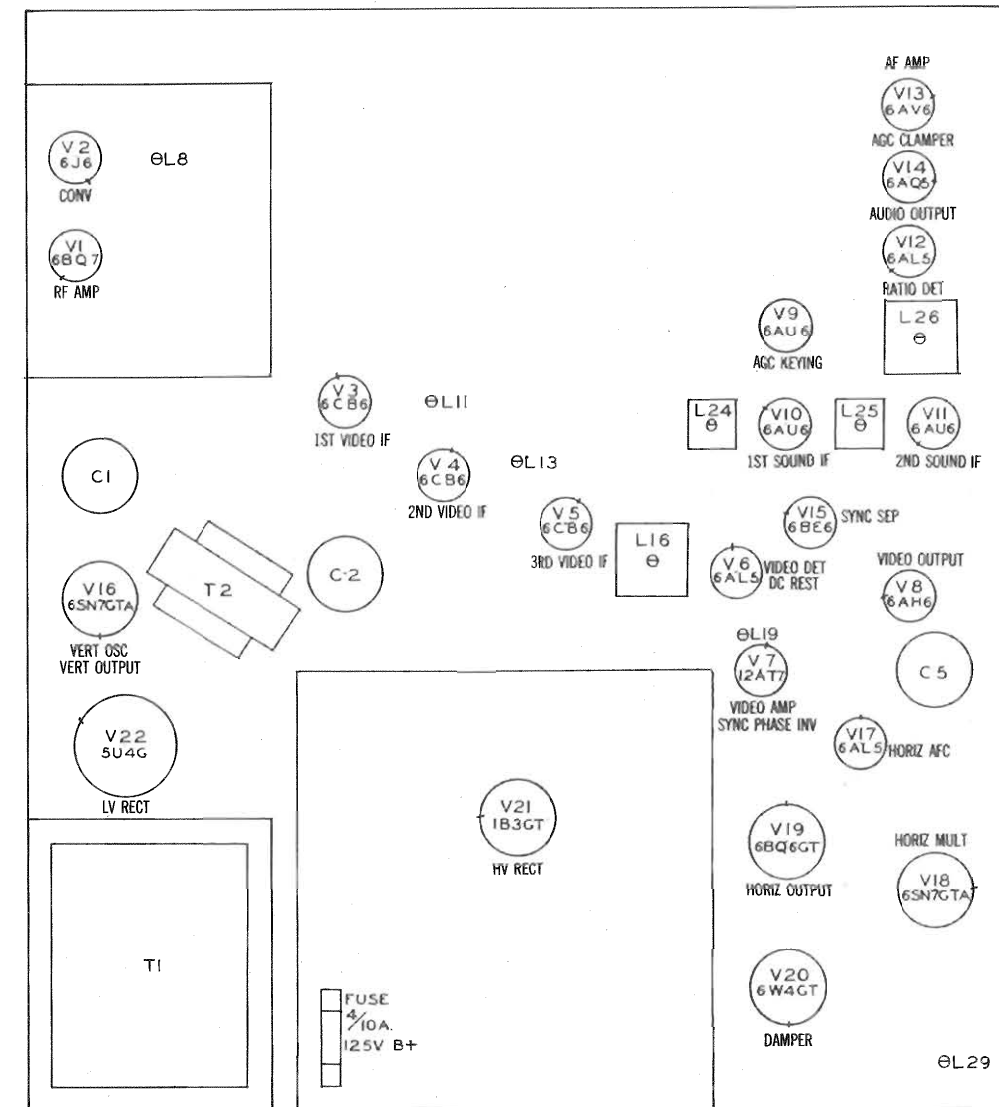
Item	Tube	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8	Pin 9
V 1	6BQ7	INF	720KΩ	0Ω	.1Ω	0Ω	†1.5KΩ	†150KΩ	INF	0Ω
V 2	6J6	†11KΩ	†1.5KΩ	.1Ω	0Ω	220KΩ	10KΩ	0Ω		
V 3	6CB6	110KΩ	47Ω	.1Ω	0Ω	†2.8KΩ	†2.8KΩ	0Ω		
V 4	6CB6	100KΩ	47Ω	.1Ω	0Ω	†2.7KΩ	†2.7KΩ	0Ω		
V 5	6CB6	.3Ω	180Ω	.1Ω	0Ω	†3KΩ	†3KΩ	0Ω		
V 6	6AL5	.3Ω	0Ω	.1Ω	0Ω	1 Meg	0Ω	4.7KΩ		
V 7	12AT7	†8.6KΩ	4.7KΩ	.2Ω	0Ω	0Ω	†6.5KΩ	†820KΩ	2.2KΩ	.1Ω
V 8	6AH6	1 Meg	0Ω	.1Ω	0Ω	†4.9KΩ	†1.5KΩ	250Ω		
V 9	6AU6	†36KΩ	†1.5KΩ	.1Ω	0Ω	440KΩ	†51Ω	†1.5KΩ		
V 10	6AU6	2.6Ω	0Ω	0Ω	.1Ω	†2.5KΩ	†2.5KΩ	100Ω		
V 11	6AU6	56KΩ	0Ω	.1Ω	0Ω	†2.5KΩ	25KΩ	0Ω		
V 12	6AL5	INF	INF	.1Ω	0Ω	22KΩ	INF	22KΩ		
V 13	6AV6	10Meg	0Ω	.1Ω	0Ω	670KΩ	670KΩ	†550KΩ		
V 14	6AQ5	500KΩ	330Ω	0Ω	.1Ω	†1.5KΩ	†1KΩ	500KΩ		
V 15	6BE6	51KΩ	0Ω	.1Ω	0Ω	†820KΩ	†69KΩ	1.5Meg		
V 16	6SN7GTA	2.3Meg	†2.7Meg	0Ω	2.2Meg	†4.8KΩ	2.1KΩ	.1Ω	0Ω	
V 17	6AL5	4.8Meg	4.8Meg	.1Ω	0Ω	8.7KΩ	INF	8.7KΩ		
V 18	6SN7GTA	180KΩ	†300KΩ	1.8KΩ	5.1Meg	†5.2KΩ	1.8KΩ	.1Ω	0Ω	
V 19	6BQ6GT	5.7KΩ	0Ω	INF	†7.5KΩ	470KΩ	†80KΩ	.1Ω	100Ω	TopCap #17Ω
V 20	6W4GT	†51Ω	†100KΩ	300KΩ	5.1Meg	†66Ω	†51Ω	†21Ω	†21Ω	TopCap #31.7Ω
V 21	1B3GT	P I N S 1 - 8 HAVE INF RESISTANCE								
V 22	5U4C	INF	9.5KΩ	INF	15.6Ω	1.3KΩ	14.4Ω	INF	9.5KΩ	
V 23	17TP4	0Ω	1.1Meg	Pin 8 †100KΩ	Pin 10 †3.3KΩ	Pin 11 †270KΩ	Pin 12 .1Ω			

ALL CONTROLS SET FOR NORMAL OPERATION, NO SIGNAL APPLIED
† MEASURED FROM PIN 2 OF V22
MEASURED FROM PIN 3 OF V20



BOTTOM VIEW
TUBE PLACEMENT CHART

TUBE PLACEMENT CHART



TOP VIEW

TUBE FAILURE CHECK CHART

The following chart lists tubes whose failures are most likely to produce the indicated symptoms. Refer to tube placement chart for location and type of tube.

POWER SUPPLY FAILURE
No raster, No sound - V22, Fuse (M1)

LOSS OF PICTURE OR SOUND
No pic, No sound, Has raster - V2, V3, V4, V5, V6
No pic, No Sound, Has snow - V1, V2, V3
No pic, Has Sound, Has raster - V6, V7, V8, V23
Has pic, No Sound - V10, V11, V12, V13, V14
Overloaded picture - V19, V13

SYNC FAILURE
No vert. sync - V7, V16
No horiz. sync - V7, V17, V18
No vert. or horiz. sync - V7, V15

SWEEP FAILURE
No raster, has sound - V18, V19, V20, V21, V23
No vertical deflection - V16
Poor vert. linearity or foldover - V16
Poor horiz. linearity or foldover - V18, V19, V20
Narrow picture - V18, V19, V20, V21, V22
Vert. off freq. - V16
Horiz. off freq. - V7, V17, V18

CORONADO
MODEL 25TV2-43-9022A

ALIGNMENT INSTRUCTIONS

ALIGNMENT INSTRUCTIONS—READ CAREFULLY BEFORE ATTEMPTING ALIGNMENT

The high voltage shock hazard can be eliminated by removing the horizontal multivibrator tube, V18.

VIDEO IF ALIGNMENT

Remove the converter tube, V2 and replace with a 6J6 which has pin 1 removed. This will disable the local oscillator and reduce the possibility of erroneous indications. Connect the negative lead of a 3 volt battery to the ungrounded side of C25. Connect the positive lead to chassis.

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.	25.1MC (Unmod)	Any	DC probe to point A1 Common to chassis.	A1	Adjust for maximum deflection.
2. "	"	23.1MC	"	"	A2	"
3. "	"	25.9MC	"	"	A3	"
4. "	"	24.1MC	"	"	A4	"
5. "	"	21.7MC	"	"	A5	Adjust for MINIMUM deflection.

OVERALL VIDEO IF RESPONSE CHECK

Connect the synchronized sweep voltage from the signal generator to the horizontal input of the oscilloscope for horizontal deflection.

DUMMY ANTENNA	SWEEP GENERATOR COUPLING	SWEEP GENERATOR FREQUENCY	MARKER GENERATOR FREQUENCY	CHANNEL	CONNECT SCOPE	ADJUST	REMARKS
6. Direct	High side to an ungrounded tube shield floating over dummy converter tube, V2. Low side to chassis.	24MC (10MC Swp)	21.7MC 23.5MC 25.25MC 26.2MC	Any	Vert. amp. to point A10. Low side to chassis.		Check for response curve similar to fig. 1. If necessary retouch A1 through A4 for desired response.

SOUND IF ALIGNMENT USING AM SIGNAL GENERATOR AND VTVM

DUMMY ANTENNA	SIGNAL GENERATOR COUPLING	SIGNAL GENERATOR FREQUENCY	CHANNEL	CONNECT VTVM	ADJUST	REMARKS
7. .01MFD.	High side to pin 1, (cathode) of 6AL5 (V6). Low side to chassis.	4.5MC (Unmod)	Any	DC probe to point B Common to chassis.	A6, A7, A8, A9	Adjust for maximum deflection.
8. "	"	"	"	DC probe to point C Common to chassis.	A10	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 at 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
7. .01MFD.	High side to pin 1 (cathode) of 6AL5 (V6). Low side to chassis.	4.5MC (450KC Swp)	4.5MC	Any	Vert. amp. to point A10. Low side to chassis.	A6, A7, A8, A9	Disconnect stabilizer capacitor C7. Adjust for curve of maximum amplitude and symmetry as in fig. 2.
8. "	"	"	"	"	Vert. amp. to point A10. Low side to chassis.	A10	Reconnect capacitor C7. Adjust so that 4.5MC occurs at center of crossover lines as in fig. 3. SLIGHTLY retouch A9 for maximum amplitude and straightness of crossover lines.

4.5MC TRAP ALIGNMENT

Turn contrast control to maximum clockwise position.

DUMMY ANTENNA	SWEEP GENERATOR COUPLING	SWEEP GENERATOR FREQUENCY	MARKER GENERATOR FREQUENCY	CHANNEL	CONNECT SCOPE	ADJUST	REMARKS
9. Direct	High side to pin 7 of 6AL5 (V12)	Not used.	4.5MC (400% Mod.)	Any	Vert. amp. to pin 2 of picture tube. Low side to chassis.	All	Adjust for MINIMUM 400% indications on scope.

OSCILLATOR ALIGNMENT

Remove the dummy converter tube and replace the original 6J6 in its socket. The oscillator adjustment screws for each channel are reached through a hole just to the right of the channel switch shaft. The correct adjustment screw is accessible through this hole as the channel switch is turned to each channel. 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. Set the fine tuning control to the mid-position of its range.

DUMMY ANTENNA	SWEEP GENERATOR COUPLING	SWEEP GENERATOR FREQUENCY	MARKER GENERATOR FREQUENCY	CHANNEL	CONNECT SCOPE	ADJUST	REMARKS
10. Two 120Ω Carbon Resistors	Across antenna terminals with 120Ω in each lead.	213MC (10MC Swp) 207MC (10MC Swp) 201MC (10MC Swp) 195MC (10MC Swp) 189MC (10MC Swp) 183MC (10MC Swp) 177MC (10MC Swp) 85MC (10MC Swp) 79MC (10MC Swp) 69MC (10MC Swp) 63MC (10MC Swp) 57MC (10MC Swp)	211.25MC 215.75MC 209.75MC 199.25MC 203.75MC 193.25MC 197.75MC 187.25MC 191.75MC 181.25MC 185.75MC 175.25MC 179.74MC 83.25MC 87.75MC 77.25MC 81.75MC 67.25MC 71.25MC 61.25MC 65.75MC 55.25MC 59.75MC	13 12 11 10 9 8 7 6 5 4 3 2	Vert. Amp. to point A10. Low side to chassis.	A12 A13 A14 A15 A16 A17 A18 A19 A20 A21 A22 A23	Adjust to place sound marker in notch as in fig. 4. Video marker should be at 50%.

ALIGNMENT INSTRUCTIONS (CONT.)

RF AND MIXER ALIGNMENT

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
11. Two 120Ω Carbon Resistors	Across antenna terminals with 120Ω in each lead.	207MC (10MC Swp)	205.25MC 209.75MC	12	Vert. amp. thru 10K to point A10. Low side to chassis.	A24, A25, A26	Adjust for response curve similar to fig. 5, with markers above 90%.
12. "	"	213MC (10MC Swp) 201MC (10MC Swp) 195MC (10MC Swp) 189MC (10MC Swp) 183MC (10MC Swp) 177MC (10MC Swp) 85MC (10MC Swp) 79MC (10MC Swp) 69MC (10MC Swp) 63MC (10MC Swp) 57MC (10MC Swp)	211.25MC 215.75MC 199.25MC 203.75MC 193.25MC 197.75MC 187.25MC 191.75MC 181.25MC 185.75MC 175.25MC 179.74MC 83.25MC 87.75MC 77.25MC 81.75MC 67.25MC 71.25MC 61.25MC 65.75MC 55.25MC 59.75MC	13 11 10 9 8 7 6 5 4 3 2	"		Check for response similar to fig. 5. If markers fall below 70% on any channel make slight compromise adjustments of A24, A25 and A26 with channel switch set to that channel. Recheck all other channels to see that they have not been seriously affected.

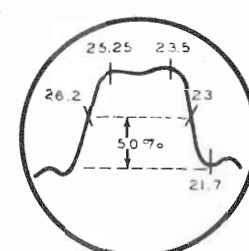


FIG. 1

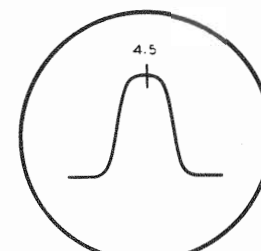


FIG. 2

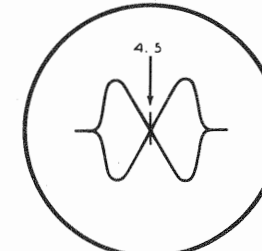


FIG. 3

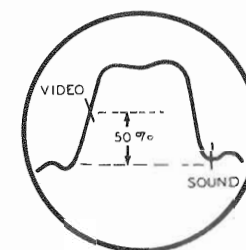


FIG. 4

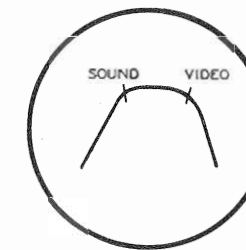


FIG. 5

CORONADO
MODEL 25TV2-43-9022A

PARTS LIST AND DESCRIPTIONS (Continued)

ITEM No.	USE	DC RES.		REPLACEMENT DATA		NOTES
				CORONADO PART No.	MERIT PART No.	
		PRI.	SEC.			
L2	Ant. Coils	0Ω	0Ω			
L3	Fil. Choke	0Ω				
L4	RF Choke	0Ω				
L5	RF Mixer					
L6	Grid & Osc. Coils	0Ω				
L6	Fil Choke	0Ω				
L7	RF Choke	0Ω				
L8	1st. Video IF	.8Ω				
L9	RF Choke	1.1Ω				
L10	Fil Choke	0Ω		9A2033		
L11	2nd Video IF	.3Ω		9A2230		
L12	Fil Choke	0Ω		9A2033		
L13	3rd Video IF	.3Ω		9A2230		
L14	Fil Choke	0Ω		9A2033		
L15	RF Choke	2.5Ω		9A1979	TV-180	36 Microhenries
L16	4th Video IF	.3Ω		9A2226	TV-101	Includes Trap
L17	Series Peak-ing Coil	7.5Ω		36A10	TV-181 *	60 Microhenries Wound on 22K resistor
L18	Shunt Peak-ing Coil	26Ω		36A11	TV-188	500 Microhenries
L19	4.5MC Trap	.2Ω		9A2074	TV-151	
L20	Series Peak-ing Coil	2.5Ω		9A1979	TV-180	36 Microhenries
L21	Shunt Peak-ing Coil	7.5Ω		36A10	TV-181 *	60 Microhenries Wound on 22K resistor
L22	Series Peak-ing Coil	13Ω		36A12	TV-184 *	160 Microhenries Wound on 22K resistor
L23	Series Peak-ing Coil	14Ω		36A13	TV-184 †	190 Microhenries Wound on 3.9K resistor
L24	1st Sound IF	2.6Ω		9A2168		
L25	2nd Sound IF	1.8Ω	1.8Ω CT	9A2170	TV-113	
L26	Ratio Det.	3.6Ω		9A2269	TV-110 ■	Tertiary Winding .2Ω
L27	Horiz. Osc.	47Ω		9A2096	TV-163	
L28	Width Coil	.6Ω		9A2183	MWC-3	
L29	Horiz. Lin.	15Ω		9A2262		

* Parallel with 22K resistor.
† Parallel with 3.9K resistor.
■ Drill one new mtg. hole.

FUSES

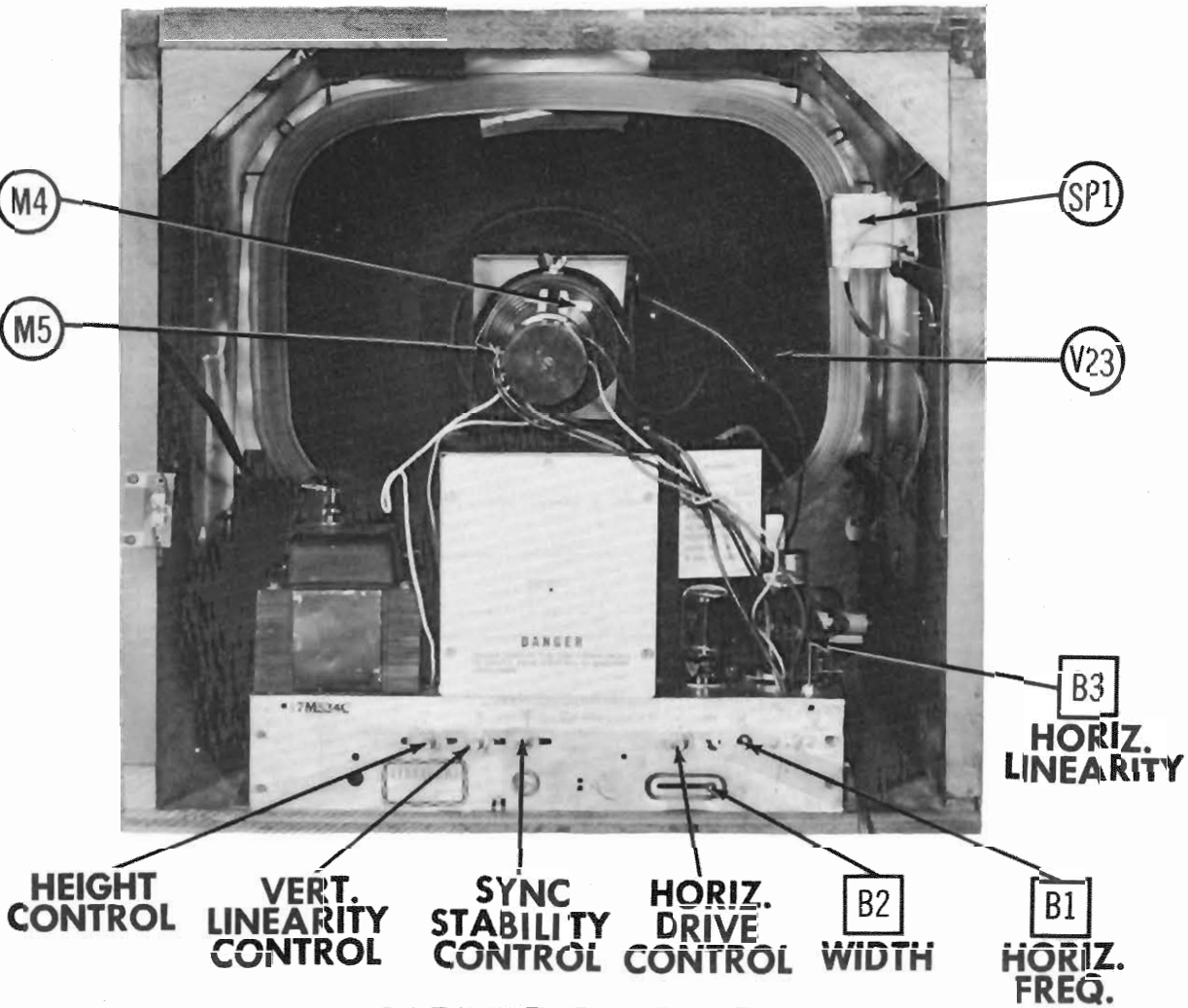
ITEM No.	TYPE	RATING	REPLACEMENT DATA					
			CORONADO PART No.		LITTELFUSE PART No.		BUSS PART No.	
			FUSE	HOLDER	FUSE	HOLDER	FUSE	HOLDER
M1	3AG	4/10A 125V	16X147-3	16X146	313.400	357001	MDL-4/10	4405

DIAL LIGHTS

ITEM No.	BASE TYPE	VOLTS	AMPS.	BEAD COLOR	REPLACEMENT DATA		NOTES
					CORONADO PART No.		
					TA32		
M2	Bayonet	7.5	.2	White			Type No. # 51

MISCELLANEOUS

ITEM No.	PART NAME	CORONADO PART No.	NOTES
M3	RF Tuner	25A1094	
M4	Centering Magnet	2A419	
M5	Ion Trap	2A421	
	Knob	10A779	Off/On Volume
	Knob	10A785	Fine Tuning
	Knob	10A786	Contrast
	Knob	10A812	Channel Selector
	Escutcheon	4X1184	Control Panel
	Mask	4X1190	
	Back Cover	S-14X59	Includes line cord assembly
	Safety Glass	17X168	



CABINET-REAR VIEW

HORIZONTAL SWEEP CIRCUIT ADJUSTMENTS

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

Set the horizontal hold control at the center of its range and adjust the horizontal frequency slug (B1) until the picture falls into sync.

Adjust the horizontal drive control for the best compromise between brightness and linearity.

Adjust the width slug (B2) for a picture slightly wider than necessary to fill the picture mask horizontally.

Adjust the horizontal linearity slug (B3) for picture that is symmetrical from left to right.

SYNC STABILITY CONTROL ADJUSTMENT

Tune set to strongest TV signal available.

Turn the sync stability control clockwise until bending of the picture occurs at the top, then turn counter clockwise until the bending just disappears.

DISASSEMBLY INSTRUCTIONS

1. Remove 4 push on type control knobs from front panel.
 2. Remove 2 wood screws and 2 metal screws. Remove rear cover.
 3. Disconnect built-in antenna and speaker.
 4. Remove 2 wood screws. Remove antenna bracket.
 5. Remove 4 speaker nuts. Remove speaker.
 6. Remove 5 chassis bolts. Remove chassis.
- NOTE: FOR PICTURE TUBE REMOVAL IT IS NECESSARY TO REMOVE CHASSIS AS OUTLINED ABOVE.

CORONADO
MODEL 25TV2-43-9022A

PARTS LIST AND DESCRIPTIONS

TUBES (SYLVANIA or Equivalent)

ITEM No.	USE	REPLACEMENT DATA		RMA BASE TYPE	NOTES
		CORONADO PART No.	STANDARD REPLACEMENT		
V1	RF Amplifier	6BQ7	6BQ7	9AJ	
V2	Converter	6J6	6J6	7BF	
V3	1st. Video IF Amp.	6CB6	6CB6	7CM	
V4	2nd. Video IF Amp.	6CB6	6CB6	7CM	
V5	3rd. Video IF Amp.	6CB6	6CB6	7CM	
V6	Video Detector - DC Restorer	6AL5	6AL5	5BT	
V7	Video Amplifier - Sync Phase Inv.	12AT7	12AT7	9A	
V8	Video Output	6AB6	6AB6	7BK	
V9	AGC Keying	6AU6	6AU6	7BK	
V10	1st. Sound IF Amp.	6AU6	6AU6	7BK	
V11	2nd. Sound IF Amp.	6AU6	6AU6	7BK	
V12	Ratio Detector	6AL5	6AL5	5BT	
V13	AF Amplifier - AGC Clamper	6AV6	6AV6	7BT	
V14	Audio Output	6AQ5	6AQ5	7BT	
V15	Sync Separator	6BE6	6BE6	7CH	
V16	Vert. Oscillator - Vert. Output	6SN7GTA	6SN7GTA	8BD	
V17	Horiz. AFC	6AL5	6AL5	8BT	
V18	Horiz. Mult.	6SN7GTA	6SN7GTA	8BD	
V19	Horiz. Output	6BQ6GT	6BQ6GT	6AM	
V20	Damper	6W4GT	6W4GT	4CG	
V21	RV Rectifier	1B3GT	1B3GT	3C	
V22	LV Rectifier	5U4G	5U4G	5T	

CATHODE-RAY TUBE

ITEM No.	REPLACEMENT DATA		RMA BASE TYPE	NOTES
	CORONADO PART No.	SYLVANIA PART No.		
V23	17TP4	17TP4	12D	

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		NOTES
		CORONADO PART No.	AEROVOX PART No.	
C1A	.40 300	45X397	AFH3-46	
C1B	.40 300	45X395	AFH3-199	
C2A	.40 300	45X395	AFH3-199	
C3	.30 400	45X393	JPR3450/30	
C4	.25 25	45X378	JPR3150/4	
C5A	.20 300	45X399	AFH3-138	
C5B	.10 300			
C6	.40 50	45X361	JPR3150/4	
C7	.25 25	45X378	JPR3150/4	
C8	2.2			
C9	3-9			
C10	.5-3			
C11	1.5			
C12	.47			
C13	1000			
C14	.47			
C15	.5-3			
C16	.10			
C17	.5			
C18	1000			
C19	6.8			
C20	120			
C21	.22			
C22A	800			
C23	1000			
C24	1000			
C25	.22			
C26A	800			
C27	1000			
C28	1000			
C29	1000			
C30	1000			
C31	1000			
C32	1000			
C33	.47			
C34	1000			
C35	.5			
C36	360			
C37	.047			
C38	.1			
C39	.1			
C40	1000			
C41	1.5			
C42	.001			
C43	100			
C44	5000			
C45	5000			
C46	1000			
C47	470			
C48	.047			
C49	.0047			
C50	.0047			
C51	.01			
C52A	.01			
C52B	.01			
C53	.047			

CAPACITORS (CONT.)

ITEM No.	RATING	REPLACEMENT DATA		NOTES
		CORONADO PART No.	AEROVOX PART No.	
C54	.0047			
C55	.01			
C56	1000			
C57	.047			
C58A	.002			
C58B	.005			
C59	4700			
C60	.01			
C61	1000			
C62	.01			
C63	.047			
C64	.1			
C65	.1			
C66	.047			
C67	.015			
C68	1000			
C69	1000			
C70	.01			
C71	270			
C72	.0047			
C73	.047			
C74	.22			
C75	4700			
C76	330			
C77	.1			
C78	330			
C79	270			
C80	.047			
C81	1000			
C82	.15			
C83	.1			
C84	.047			
C85	500			
C86A	10000			
C86B	10000			

Note 1. Some Models use 1000MMF in this application (Part #80X3 for dual unit)
 Note 2. Some Models use .0047MFD in this application (Part #RCPI0M4472M)
 Note 3. Not used in all Models.
 Items C58A, C58B, C58C, R75A, R75B, R75C are combined in one unit.
 Items C52A, C52B, C52C, R63A, R63B are combined in one unit. When replacing items separately, C52B and C52C should total 250MMF.

CONTROLS

ITEM No.	RATING	REPLACEMENT DATA		NOTES
		CORONADO PART No.	IRC PART No.	
R1	7.5Meg	40X363	Q11-228	
R2A	150KΩ	B40X331A	Q11-228	
R3A	3000Ω	Not Req.	Q11-228	
R4A	500KΩ	40X296D	Q11-133	
R5A	1 Meg	40X291E	Q11-137	
R6A	1 Meg	40X291E	Q11-137	
R7A	2.5Meg	B40X364	Q11-239	
R8A	50KΩ	40X292A	Q11-123	
R9A	8000Ω	40X302	Q11-116	
R10	15KΩ			
R11	47KΩ			
R12	100KΩ			
R13	160KΩ-5%			
R14	100KΩ-5%			
R15	1500Ω			
R16	10KΩ			
R17	220KΩ			
R18	10KΩ			
R19	10KΩ			
R20	2000Ω			
R21	47Ω			
R22	1000Ω			
R23	1000Ω			
R24	150Ω			
R25	22KΩ			
R26	47Ω			
R27	1000Ω			
R28	150Ω			
R29	22KΩ			
R30	100Ω			
R31	1500Ω			
R32	100KΩ			
R33	3.9Meg-5%			
R34	330KΩ-5%			
R35	470KΩ			
R36	47KΩ			
R37	4700Ω-5%			
R38	47KΩ			

CONCENTRATOR EQUIVALENT-KIT K-2, BASE ELEMENTS & SHAFTS R17-12 & P1-204 (Panel)
 R13-127X & R2-216 (Rear) & SWITCH 16-1.

RESISTORS

ITEM No.	RATING	REPLACEMENT DATA		NOTES
		CORONADO PART No.	IRC PART No.	
R39	10KΩ			
R40	5000Ω			
R41	1500Ω			
R42	33KΩ			
R43	1 Meg			
R44	100Ω			
R45	5000Ω-5%			
R46	100KΩ			
R47	1 Meg			
R48	22KΩ			
R49	100KΩ			
R50	47KΩ			
R51	100Ω			
R52	1000Ω			
R53	56KΩ			
R54	100KΩ			
R55	1000Ω			
R56	33KΩ			
R57	270Ω			
R58	68KΩ			
R59	22KΩ			
R60	22KΩ			
R61	68KΩ			
R62	10Meg			
R63A	500KΩ			
R64	47KΩ			
R65	330Ω			
R66	1000Ω			
R67	270KΩ			

RESISTORS (CONT.)

ITEM No.	RATING	REPLACEMENT DATA		NOTES
		CORONADO PART No.	IRC PART No.	
R68	1.5Meg			
R69	68KΩ			
R70	820KΩ			
R71	2200Ω-5%			
R72	3300Ω			
R73	2200Ω-5%			
R74	1000Ω			
R75A	22KΩ			
R75B	22KΩ			
R75C	22KΩ			
R76	2 Meg-5%			
R77	470KΩ			
R78	180KΩ			
R79	2.2Meg			
R80	10KΩ			
R81	2.2Meg			
R82	820Ω			
R83	2.2Meg			
R84	3300Ω			
R85	2200Ω			
R86	100KΩ			
R87	4.7Meg			

Items R63A, R63B, C52A, C52B, C52C are combined in one unit.
 Items R75A, R75B, R75C, C58A, C58B, C58C are combined in one unit.
 Note 1. Some models use a 1.5Meg resistor in this application.
 Note 2. Some models use a 1Meg resistor in this application.
 Note 3. Some models use a 3.3Ω resistor in this application.
 Note 4. Not used in all models.

TRANSFORMER (POWER)

ITEM No.	RATING	REPLACEMENT DATA		NOTES
		CORONADO PART No.	STANCOR PART No.	
T1	117VAC 1.65A	555VCT 230ADC	5VAC 2A	

TRANSFORMER (SWEEP CIRCUITS)

ITEM No.	RATING	REPLACEMENT DATA		NOTES
		CORONADO PART No.	STANCOR PART No.	
T2	150V 346.5Ω tap ②	55X328 55X326	A-8125	
T3	150V 346.5Ω tap ②	55X328 55X326	A-8125	
T4	150V 346.5Ω tap ②	55X328 55X326	A-8125	
T5A	150V 346.5Ω tap ②	55X328 55X326	A-8125	

1. Drill one new mtg. hole.
 2. Mount on top of chassis.
 3. Alternate Horiz. Output Trans.
 4. Alternate deflection yoke.

TRANSFORMER (AUDIO OUTPUT)

ITEM No.	RATING	REPLACEMENT DATA		NOTES
		CORONADO PART No.	STANCOR PART No.	
T6	1.0KΩ 3.7Ω 48Ω 95Ω	55X150A	A-3350	

SPEAKER

ITEM No.	RATINGS	REPLACEMENT DATA		NOTES
		CORONADO PART No.	JENSEN PART No.	
SPI	6"	12A504	ST-108	

FILTER CHOKES

ITEM No.	RATING	REPLACEMENT DATA		NOTES
		CORONADO PART No.	STANCOR PART No.	
L1	24Ω 1.6 Hy.	55X90	C-2326	

1. Drill one new mtg. hole.