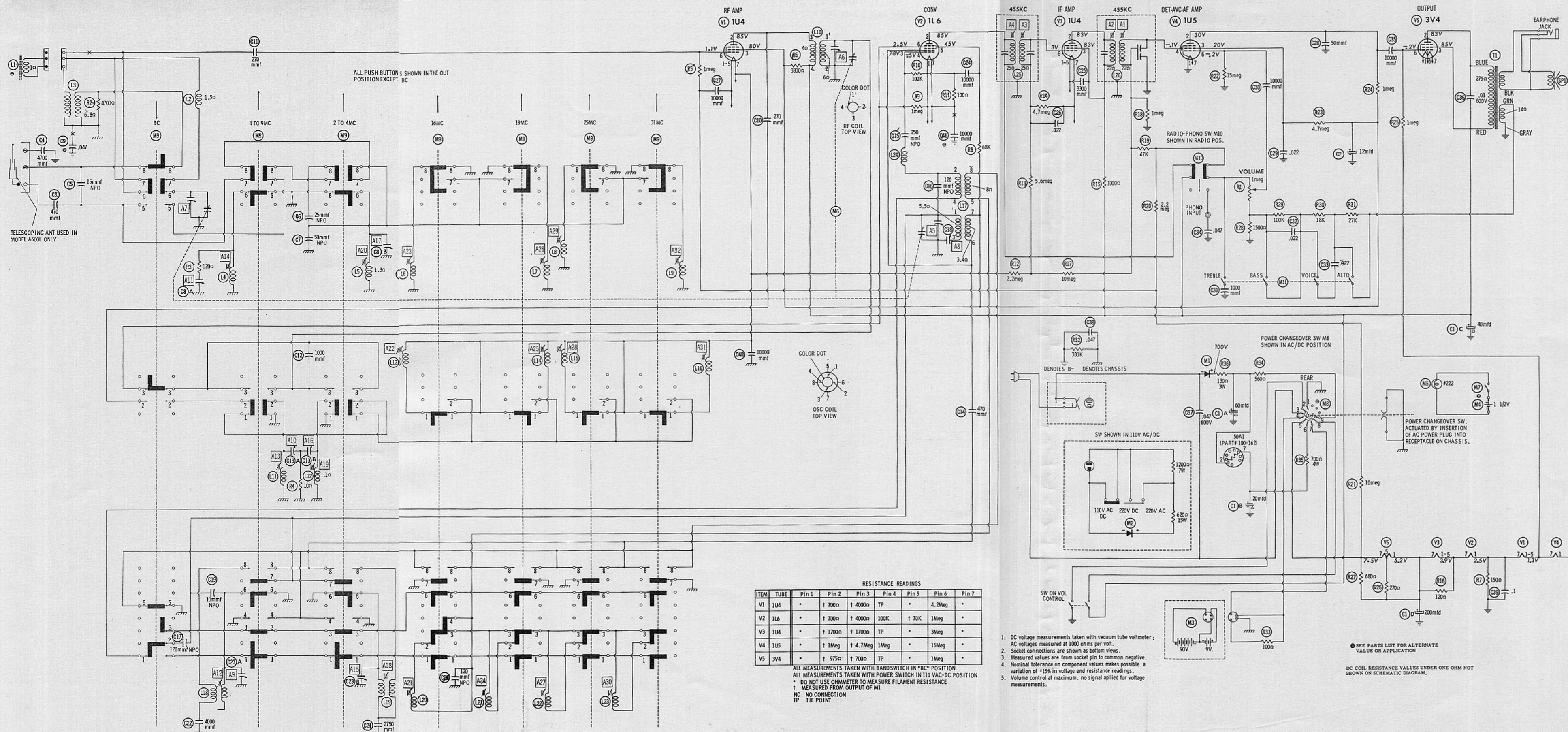




RESISTANCE READINGS

ITEM	TUBE	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7
V1	1U4	*	† 700Ω	† 4000Ω	TP	*	4.2Meg	*
V2	1L6	*	† 700Ω	† 4000Ω	100K	† 70K	1Meg	*
V3	1U4	*	† 1700Ω	† 1700Ω	TP	*	3Meg	*
V4	1U5	*	† 1Meg	† 4.7Meg	1Meg	*	15Meg	*
V5	3V4	*	† 975Ω	† 700Ω	TP	*	1Meg	*

ALL MEASUREMENTS TAKEN WITH BANDSWITCH IN "BC" POSITION
 ALL MEASUREMENTS TAKEN WITH POWER SWITCH IN 110 VAC-DC POSITION
 * DO NOT USE OHMMETER TO MEASURE FILAMENT RESISTANCE
 † MEASURED FROM OUTPUT OF M1
 NC NO CONNECTION
 TP TIE POINT

1. DC voltage measurements taken with vacuum tube voltmeter. AC voltages measured at 1000 ohms per volt.
2. Socket connections are shown as bottom views.
3. Measured values are from socket pin to common negative.
4. Nominal tolerance on component values makes possible a variation of ±15% in voltage and resistance readings.
5. Volume control at maximum. no signal applied for voltage measurements.

PARTS LIST AND DESCRIPTIONS

TUBES (GENERAL ELECTRIC, SYLVANIA)

ITEM No.	USE	TYPE	NOTES
V1	RF Amplifier	1U4	
V2	Converter	1L6	
V3	IF Amplifier	1U4	

ITEM No.	USE	TYPE	NOTES
V4	Det. - AVC - AF Amp.	1U5	
V5	Output	3V4	

ELECTROLYTIC CAPACITORS

ITEM No.	RATING		REPLACEMENT DATA						
	CAP.	VOLT.	ZENITH PART No.	AEROVOX PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	PYRAMID PART No.	SANGAMO PART No.	SPRAGUE PART No.
C1A	60	150	22-1741	AFH4-23	D0300	FP408	TMQ-24	Q-090	TVL-4414
B	20	150							
C	40	150							
D	200	10							
C2	12	150	22-2056	PRS150V12	BBR12-150	TC43	TD-12-150	FM-1512	TVA-1407

FIXED CAPACITORS

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

ITEM No.	RATING		REPLACEMENT DATA							NOTES	
	CAP.	VOLT	ZENITH PART No.	AEROVOX PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	ERIE PART No.	MALLORY PART No.	SPRAGUE PART No.		
C3	470	400	22-6	BPD-00047	DD-471	BYA10T47	ED-470	UC-5347	5GA-T47	NP0	
C4	4700		22-4	BPD-0047	DD-472	BYA10D47	ED-0047	UC-5247	5HK-D47		
C5	15		22-2329	NP0-SI 15	TCZ-15	CTA6Q15C	TCO-15		5TCC-Q15		
C6	25		22-1392	NP0-SI 25	TCZ-25	CTA6Q25C	TCO-25	ZT-5425	5TCC-Q25		
C7	50		22-1761	NP0-SI 50	TCZ-50	CTA6Q50C	TCO-50	ZT-545	5TCC-Q5		
C8A			22-2934								
C9	.047		22-1775	BPD-05	DF-503	CUB4S47		GEM-4147	4TM-S47		①
C10	270		22-2058	1468-00027	D6-271	5W5T27	ED-270	UC-5327	1FM-327		
C11	270		22-2058	BPD-00027	DD-271	L10T27	ED-270	UC-5327	5GA-T27		
C12	1000		22-2218	SI 1000	D6-102	LT6D1	GP-1000	UC-521	5GA-D1		
C13A		22-2284							NP0		
C14	470	22-1390	1468-00047	DD-471	5W5T47	ED-470	UC-5347	1FM-347			
C15	250	22-2126									
C16	120	22-2279	NP0-SI 120	TCZ-120	CTA6T12C	TCO-120		5TCC-T12			
C17	120	22-2280	NP0-SI 120	TCZ-120	CTA6T12C	TCO-120		5TCC-T12			
C18		22-2282									
C19	10	22-1953	NP0-SI 10	TCZ-10	CTA6Q10C	TCO-10	ZT-541	5TCC-Q1			
C20	120	22-2279	NP0-SI 120	TCZ-120	CTA6T12C	TCO-120		5TCC-T12			
C21	2750	22-1433									
C22	4000	22-2935	BPD-004	D6-402	1W5D4	ED-004	UC-524	1FM-24			
C23A		22-2933							NP0		
C24	10000	22-3	BPD-01	DD-103	BYA6S1	ED-01	DC511	5HK-S1			
C25	3300	22-11	BPD-0033	DD-332	BYA10D33	ED-0033	UC-5233	5GA-D33			
C26	.022	22-2071	BPD-02	DD-203	CUB2S22	ED-02	GEM-2122	2TM-S22			
C27	10000	22-3	BPD-01	DD-103	BYA6S1	ED-01	DC511	5HK-S1			
C28	50	22-1874	SI 50	D6-500	LT6Q5	GP-50	UC-545	5GA-Q5			
C29	.022	22-2072	BPD-02	DD-203	CUB4S22	ED-02	GEM-4122	4TM-S22			
C30	10000	22-3	BPD-01	DD-103	BYA6S1	ED-01	DC511	5HK-S1			
C31	1000	22-17	BPD-001	DD-102	BYA6D1	ED-1000	DC521	5HK-D1			
C32	.022	22-2071	BPD-02	DD-203	CUB2S22	ED-02	GEM-2122	2TM-S22			
C33	.022	400	22-2072	BPD-02	DD-203	CUB4S22	ED-02	GEM-4122	4TM-S22		
C34	.047	200	22-1778	BPD-05	DF-503	CUB2S47	GEM-2147	2TM-S47			
C35	10000		22-3	BPD-01	DD-103	BYA6S1	ED-01	DC511	5HK-S1		
C36	.01	600	22-1779	BPD-01	DD-103	CUB6S1	GP-10000	GEM-611	6TM-S1		
C37	.047	600	22-2569	BPD-05	DF-503	CUB6S47		GEM-6147	6TM-S47		
C38	.047	400	22-1775	BPD-05	DF-503	CUB4S47		GEM-4147	4TM-S47		
C39	.1	200	22-1777	P288N-1	DF-104	CUB2P1		GEM-201	2TM-P1		
C40	10000		22-3	BPD-01	DD-103	BYA6S1	ED-01	DC511	5HK-S1		
C41	10000		22-3	BPD-01	DD-103	BYA6S1	ED-01	DC511	5HK-S1	①	

① Not used in some versions

PARTS LIST AND DESCRIPTIONS (Continued)

COILS (RF-IF)

ITEM No.	USE	REPLACEMENT DATA				NOTES
		ZENITH PART No.	MEISSNER PART No.	MERIT PART No.	MILLER PART No.	
L1	Loop Stick	S-22865				(Complete) Model A600 (Complete) Model A600L 42 Microhenries
L2	Loop Stick	S-22892				
L3	Ant. Loading	S-23857	19-7047			4-9MC 2-4MC 17.4-18.2MC 14.8-15.6MC 1L 4-12.2MC 9.3-9.9MC 540-1600KC 4-9MC 2-4MC 17.4-18.2MC 14.8-15.6MC 1L 4-12.2MC 9.3-9.9MC 540-1600KC 4-9MC 2-4MC 17.4-18.2MC 14.8-15.6MC 1L 4-12.2MC 9.3-9.9MC 4 Microhenries
L4	Ant. Coupling	S-23858				
L5	Ant. Coil	S-40870				4-9MC 2-4MC 17.4-18.2MC 14.8-15.6MC 1L 4-12.2MC 9.3-9.9MC 540-1600KC 4-9MC 2-4MC 17.4-18.2MC 14.8-15.6MC 1L 4-12.2MC 9.3-9.9MC 540-1600KC 4-9MC 2-4MC 17.4-18.2MC 14.8-15.6MC 1L 4-12.2MC 9.3-9.9MC 4 Microhenries
L6	Ant. Coil	S-23856				
L7	Ant. Coil	S-17718				4-9MC 2-4MC 17.4-18.2MC 14.8-15.6MC 1L 4-12.2MC 9.3-9.9MC 540-1600KC 4-9MC 2-4MC 17.4-18.2MC 14.8-15.6MC 1L 4-12.2MC 9.3-9.9MC 540-1600KC 4-9MC 2-4MC 17.4-18.2MC 14.8-15.6MC 1L 4-12.2MC 9.3-9.9MC 4 Microhenries
L8	Ant. Coil	S-17719				
L9	Ant. Coil	S-17720				4-9MC 2-4MC 17.4-18.2MC 14.8-15.6MC 1L 4-12.2MC 9.3-9.9MC 540-1600KC 4-9MC 2-4MC 17.4-18.2MC 14.8-15.6MC 1L 4-12.2MC 9.3-9.9MC 540-1600KC 4-9MC 2-4MC 17.4-18.2MC 14.8-15.6MC 1L 4-12.2MC 9.3-9.9MC 4 Microhenries
L10	Ant. Coil	S-17721				
L11	RF Coil	S-20844	14-1072	BC-382	72-RF	4-9MC 2-4MC 17.4-18.2MC 14.8-15.6MC 1L 4-12.2MC 9.3-9.9MC 540-1600KC 4-9MC 2-4MC 17.4-18.2MC 14.8-15.6MC 1L 4-12.2MC 9.3-9.9MC 540-1600KC 4-9MC 2-4MC 17.4-18.2MC 14.8-15.6MC 1L 4-12.2MC 9.3-9.9MC 4 Microhenries
L12	RF Coil	S-40872				
L13	RF Coil	S-23856				4-9MC 2-4MC 17.4-18.2MC 14.8-15.6MC 1L 4-12.2MC 9.3-9.9MC 540-1600KC 4-9MC 2-4MC 17.4-18.2MC 14.8-15.6MC 1L 4-12.2MC 9.3-9.9MC 540-1600KC 4-9MC 2-4MC 17.4-18.2MC 14.8-15.6MC 1L 4-12.2MC 9.3-9.9MC 4 Microhenries
L14	RF Coil	S-17714				
L15	RF Coil	S-17715				4-9MC 2-4MC 17.4-18.2MC 14.8-15.6MC 1L 4-12.2MC 9.3-9.9MC 540-1600KC 4-9MC 2-4MC 17.4-18.2MC 14.8-15.6MC 1L 4-12.2MC 9.3-9.9MC 540-1600KC 4-9MC 2-4MC 17.4-18.2MC 14.8-15.6MC 1L 4-12.2MC 9.3-9.9MC 4 Microhenries
L16	RF Coil	S-17716				
L17	RF Coil	S-17717				4-9MC 2-4MC 17.4-18.2MC 14.8-15.6MC 1L 4-12.2MC 9.3-9.9MC 540-1600KC 4-9MC 2-4MC 17.4-18.2MC 14.8-15.6MC 1L 4-12.2MC 9.3-9.9MC 540-1600KC 4-9MC 2-4MC 17.4-18.2MC 14.8-15.6MC 1L 4-12.2MC 9.3-9.9MC 4 Microhenries
L18	Osc. Coil	S-17709				
L19	Osc. Coil	S-40871				4-9MC 2-4MC 17.4-18.2MC 14.8-15.6MC 1L 4-12.2MC 9.3-9.9MC 540-1600KC 4-9MC 2-4MC 17.4-18.2MC 14.8-15.6MC 1L 4-12.2MC 9.3-9.9MC 540-1600KC 4-9MC 2-4MC 17.4-18.2MC 14.8-15.6MC 1L 4-12.2MC 9.3-9.9MC 4 Microhenries
L20	Osc. Coil	S-17731				
L21	Osc. Coil	S-17726				4-9MC 2-4MC 17.4-18.2MC 14.8-15.6MC 1L 4-12.2MC 9.3-9.9MC 540-1600KC 4-9MC 2-4MC 17.4-18.2MC 14.8-15.6MC 1L 4-12.2MC 9.3-9.9MC 540-1600KC 4-9MC 2-4MC 17.4-18.2MC 14.8-15.6MC 1L 4-12.2MC 9.3-9.9MC 4 Microhenries
L22	Osc. Coil	S-40860				
L23	Osc. Coil	S-17728				4-9MC 2-4MC 17.4-18.2MC 14.8-15.6MC 1L 4-12.2MC 9.3-9.9MC 540-1600KC 4-9MC 2-4MC 17.4-18.2MC 14.8-15.6MC 1L 4-12.2MC 9.3-9.9MC 540-1600KC 4-9MC 2-4MC 17.4-18.2MC 14.8-15.6MC 1L 4-12.2MC 9.3-9.9MC 4 Microhenries
L24	Osc. Coupling	S-14403	19-1003	BC-564	4008	
L25	Input IF	95-1148	16-6758 *	BC-352 *	12-C1 *	4-9MC 2-4MC 17.4-18.2MC 14.8-15.6MC 1L 4-12.2MC 9.3-9.9MC 540-1600KC 4-9MC 2-4MC 17.4-18.2MC 14.8-15.6MC 1L 4-12.2MC 9.3-9.9MC 540-1600KC 4-9MC 2-4MC 17.4-18.2MC 14.8-15.6MC 1L 4-12.2MC 9.3-9.9MC 4 Microhenries
L26	Output IF	95-1149	16-6770 *	BC-355 *	12-C6 *	

▲ Drill mounting hole.

* Use adapter plate.

SELENIUM RECTIFIER

ITEM No.	RATING		REPLACEMENT DATA				NOTES
	CURRENT (Measured)		ZENITH PART No.	FEDERAL PART No.	INTERNATIONAL PART No.	SARKES TARZIAN PART No.	
M1	.063		212-13	1101A	RS100	100A	① Used in 220V adapter
M2			212-9 ①				

BATTERIES

ITEM No.	VOLTAGE	ZENITH PART No.	REPLACEMENT DATA				NOTES
			BURGESS "A-B" Pack	EVEREADY "A-B" Pack	MALLORY "A-B" Pack	RAY-O-VAC "A-B" Pack	
M3	"A" 9V "B" 90V	Z985X	G6B60	752	A-400	AB 995	

BATTERIES

ITEM No.	VOLTAGE	ZENITH PART No.	REPLACEMENT DATA								NOTES	
			BURGESS		EVEREADY		MALLORY		RAY-O-VAC			
			"A"	"B"	"A"	"B"	"A"	"B"	"A"	"B"		
M4	1.5V	Z1	8R		1052P					23		Note 1

Note 1. Used for dial light power.

PARTS LIST AND DESCRIPTIONS (Continued)

CONTROLS

ITEM No.	RATING		REPLACEMENT DATA					INSTALLATION NOTES
	RESISTANCE	WATTS	ZENITH PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	IRC PART No.	MALLORY PART No.	
R1A B C	1Meg Shaft Switch	1/2	63-2276	B-69 Not Req. KB-2	A47-1Meg-S KSS-3 SWE-20	Q11-137 Not Req. 76-2	U54 Not Req. US-27	Volume

RESISTORS

All wattages 1/2 watt, or less, unless otherwise listed.

ITEM No.	RATING		ZENITH PART No.	NOTES	ITEM No.	RATING		ZENITH PART No.	NOTES
	OHMS	WATT				OHMS	WATT		
R2	4700Ω		63-1814		R20	2.2Meg		63-1926	
R3	120Ω		63-1747		R21	10Meg		63-1954	
R4	10Ω		63-1701		R22	15Meg		63-1961	
R5	1Meg		63-1912		R23	4.7Meg		63-1940	
R6	3300Ω		63-1807		R24	1Meg		63-1912	
R7	150Ω		63-1750		R25	1Meg		63-1912	
R8	68K		63-1863		R26	270Ω		63-1761	
R9	1Meg		63-1912		R27	680Ω		63-1778	
R10	100K		63-1869		R28	1500Ω		63-1792	
R11	100Ω		63-1743		R29	100K		63-1869	
R12	2.2Meg		63-1926		R30	18K		63-1838	
R13	5.6Meg		63-1943		R31	27K		63-1845	
R14	4.7Meg		63-1940		R32	330K		63-1891	
R15	1000Ω		63-1785		R33	100Ω		63-1744	
R16	120Ω		63-1747		R34	560Ω		63-1775	
R17	10Meg		63-1954		R35	700Ω	4	63-2930	
R18	1Meg		63-1912		R36	130Ω	3	63-2839	
R19	47K								

TRANSFORMER (AUDIO OUTPUT)

ITEM No.	IMPEDANCE		REPLACEMENT DATA					NOTES
	PRI.	SEC.1	ZENITH PART No.	Halldorson PART No.	Merit PART No.	Stancor PART No.	Thordarson PART No.	
T1	7000Ω	3-4Ω	95-1369					
	Turns Ratio							
	PRI.	SEC.2						
	15:	1						

SPEAKER

ITEM No.	TYPE			REPLACEMENT DATA		NOTES
	SIZE	FIELD	V. C. IMP.	ZENITH PART No.	QUAM PART No.	
SP1	5 1/4"	PM	3-4Ω	49-748 ①	52A21	① Part #S-22197 includes speaker & T1

PARTS LIST AND DESCRIPTIONS (Continued)

MISCELLANEOUS

ITEM No.	PART NAME	ZENITH PART No.	NOTES
M5	Dial Light	100-171	#222
M6	Tuning Gang	22-2520	3 Gang (Ant. 16-462MMF, RF 16-462MMF, Osc. 16-462MMF)
M7	Switch	85-542	Dial Light (Slide Type SP), Model A600
M8	Switch	85-550	Dial Light (Slide Type SP), Model A600L
M9	Switch	85-520	Power Change Over (Slide Type)
M10	Switch	85-543	Power Change Over (Slide Type) (Alternate)
M11	Switch	S-40856	Bandswitch Brkt. & Coll Assy. (Includes Bandswitch Part #85-502)
		85-495	Phono-Radio (Slide Type)
		85-503	Tone

CABINETS & CABINET PARTS

(When Ordering Cabinets & Cabinet Parts, Specify Model, Chassis & Color)

NAME	PART NO.	DESCRIPTION
Knob	46-912	Bandswitch, (7 used) Model A600
Knob	46-1288	Bandswitch, (7 used) Model A600L
Knob	46-913	Tuning, Model A600
Knob	46-1289	Tuning, Model A600L
Knob	46-1242	Volume, Model A600
Knob	46-1290	Volume, Model A600L
Dial Scale	26-575	Chassis 6A40
Dial Scale	26-576	Chassis 6A41
Dial Pointer	59-300	
Antenna	S-15802	Telescoping Assy., Model A600
Antenna	S-21433	Telescoping Assy., Model A600L
Cabinet	14-1633	Model A600
Cabinet	14-1675	Model A600L