

SET 1068 FOLDER 5

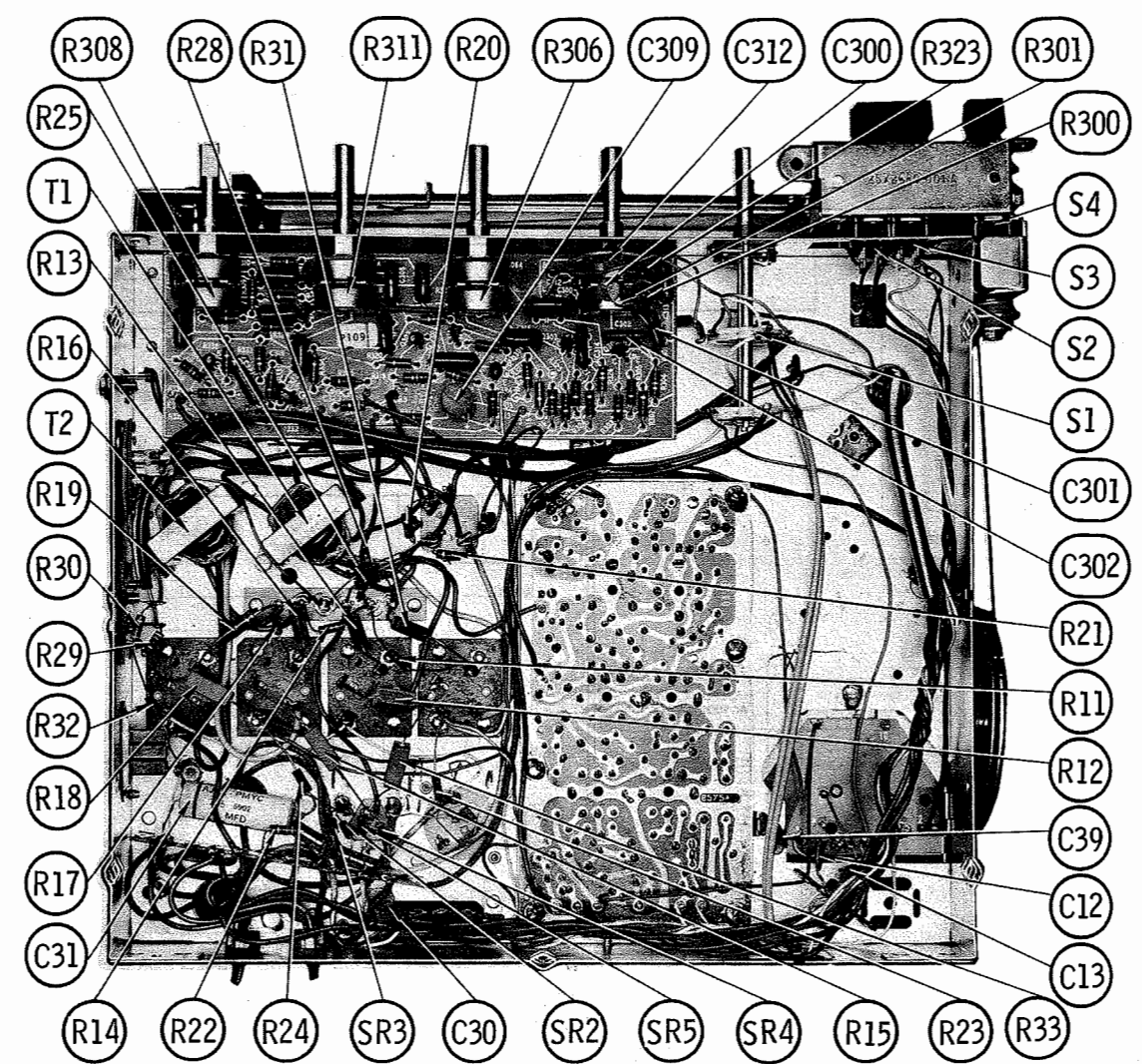
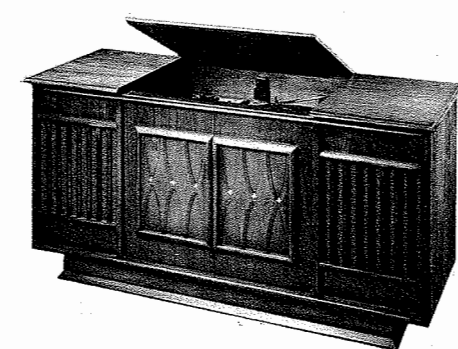
CATALINA  
MODEL 122-1475A

PHOTOFACT® Folder

with CIRCUITRACE®

For Supplier Address See PHOTOFACT Index

CATALINA  
MODEL 122-1475A



CATALINA  
MODEL 122-1475A

SET 1068 FOLDER 5

REMEMBER TO ASK— "What else needs fixing?"

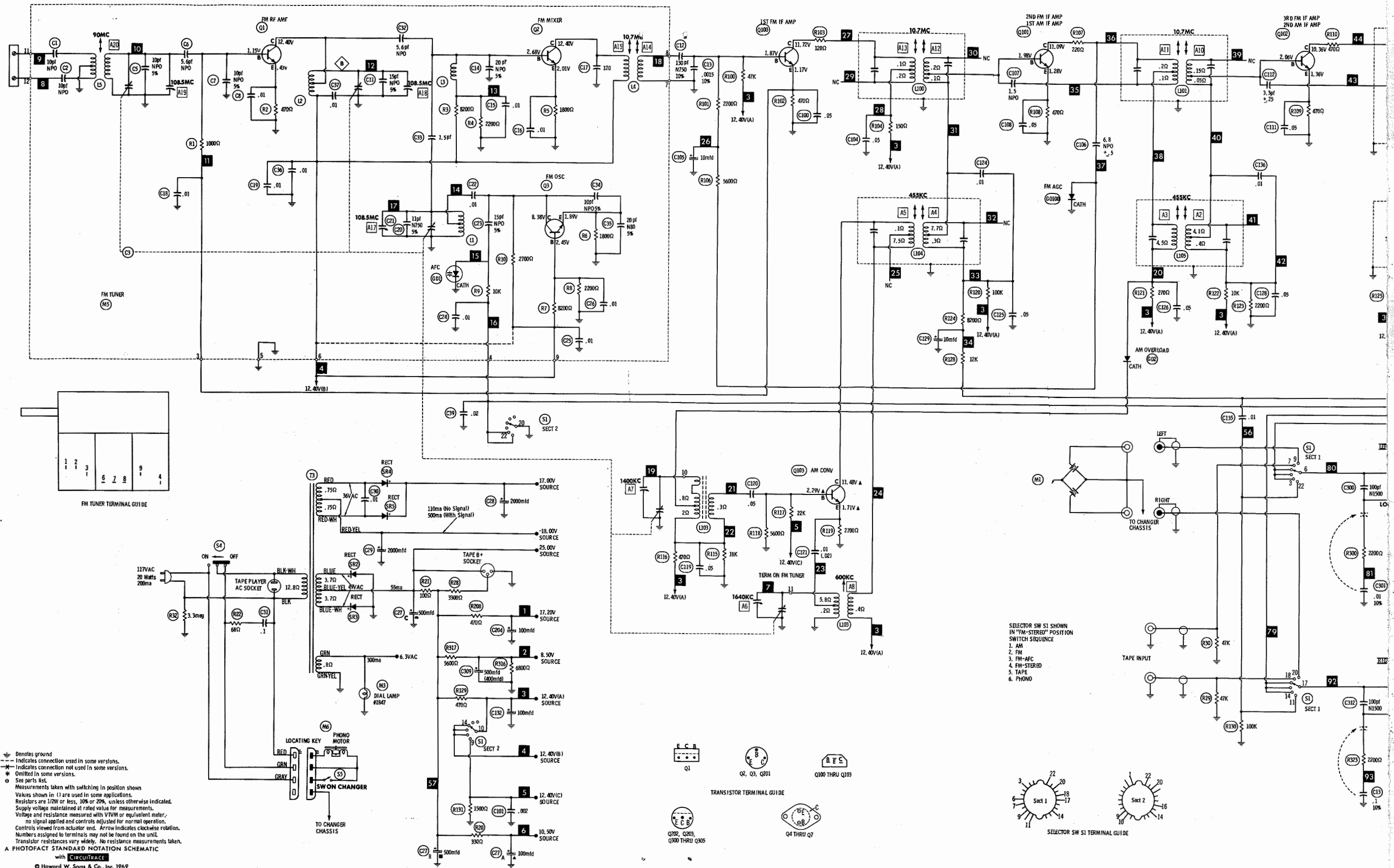
HOWARD W. SAMS & CO., INC. Indianapolis, Indiana 46206



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DATE 12-69 SET 1068 FOLDER 5



# ALIGNMENT INSTRUCTIONS

CAUTION: Use isolation transformer or observe polarity when connecting test equipment. Maintain line voltage at 117VAC. Allow a 15-minute warm-up period. Use only enough generator output to obtain a suitable indication.

Suggested Alignment Tools: GENERAL CEMENT WALSCO  
A1 thru A5, A8 thru A13, A16, A21 thru A24 ..... 8606, 8606L, 8869 .. 2543, 2544, 2588  
A6, A7, A17 thru A19 ..... 8868, 8987, 9089 ... 2531-X, 2541, 2587  
A14, A15, A20 ..... 9296, 9297, 9300 ... 2510, 2546, 2547

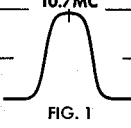
## AM ALIGNMENT—SELECTOR IN AM POSITION

Connect generator across loop fashioned of several turns of wire. Set volume at maximum.

GENERATOR FREQUENCY	RADIO DIAL SETTING	INDICATOR	ADJUST	REMARKS
1. 455KC	Tuning gang fully open.	Output Meter across voice coil.	A1,A2, A3,A4, A5	Adjust for maximum. Repeat until no further improvement can be made.
2. 1640KC	"	"	A6	Adjust for maximum.
3. 1400KC	Tune to signal	"	A7	"
4. 600KC	"	"	A8	Rock tuning gang and adjust for maximum. Repeat steps 2 thru 4 until no further improvement can be made.

## FM IF ALIGNMENT USING AM SIGNAL GENERATOR—SELECTOR IN FM POSITION

High side of generator thru .001mfd to point  $\diamond$ , low side to ground.

GENERATOR FREQUENCY	RADIO DIAL SETTING	INDICATOR	ADJUST	REMARKS
5. 10.7MC	Point of non-interference	DC probe of VTVM to point $\diamond$ , common to ground.	A9,A10, A11,A12, A13,A14, A15	Adjust for maximum.  FIG. 1
6. "	"	DC probe of VTVM to point $\diamond$ , common to ground.	A16	Adjust for zero reading. A positive or negative reading will be obtained on either side of the correct setting.

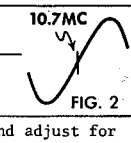
## FM IF ALIGNMENT USING FM SIGNAL GENERATOR—SELECTOR IN FM POSITION

High side of generator thru .001mfd to point  $\diamond$ , low side to ground. Use only enough marker signal for indication. Use 60 cycle frequency modulated signal with 450KC sweep. Use 60 cycle sawtooth voltage in scope for horizontal deflection.

GENERATOR FREQUENCY	RADIO DIAL SETTING	INDICATOR	ADJUST	REMARKS
5. 10.7MC	Point of non-interference	Vert. amp of scope to point $\diamond$ , low side to ground.	A9,A10, A11,A12, A13,A14, A15	Disconnect stabilizing capacitor C18. Adjust for maximum gain and symmetry of response similar to Fig. 1 with marker as shown. Reconnect C18.
6. "	"	Vert. amp of scope to point $\diamond$ , low side to ground.	A16	Adjust A16 (secondary) to place marker at center of "S" curve similar to Fig. 2. Readjust A9 (primary) for maximum amplitude and straightness of line.

## FM RF ALIGNMENT—SELECTOR IN FM POSITION

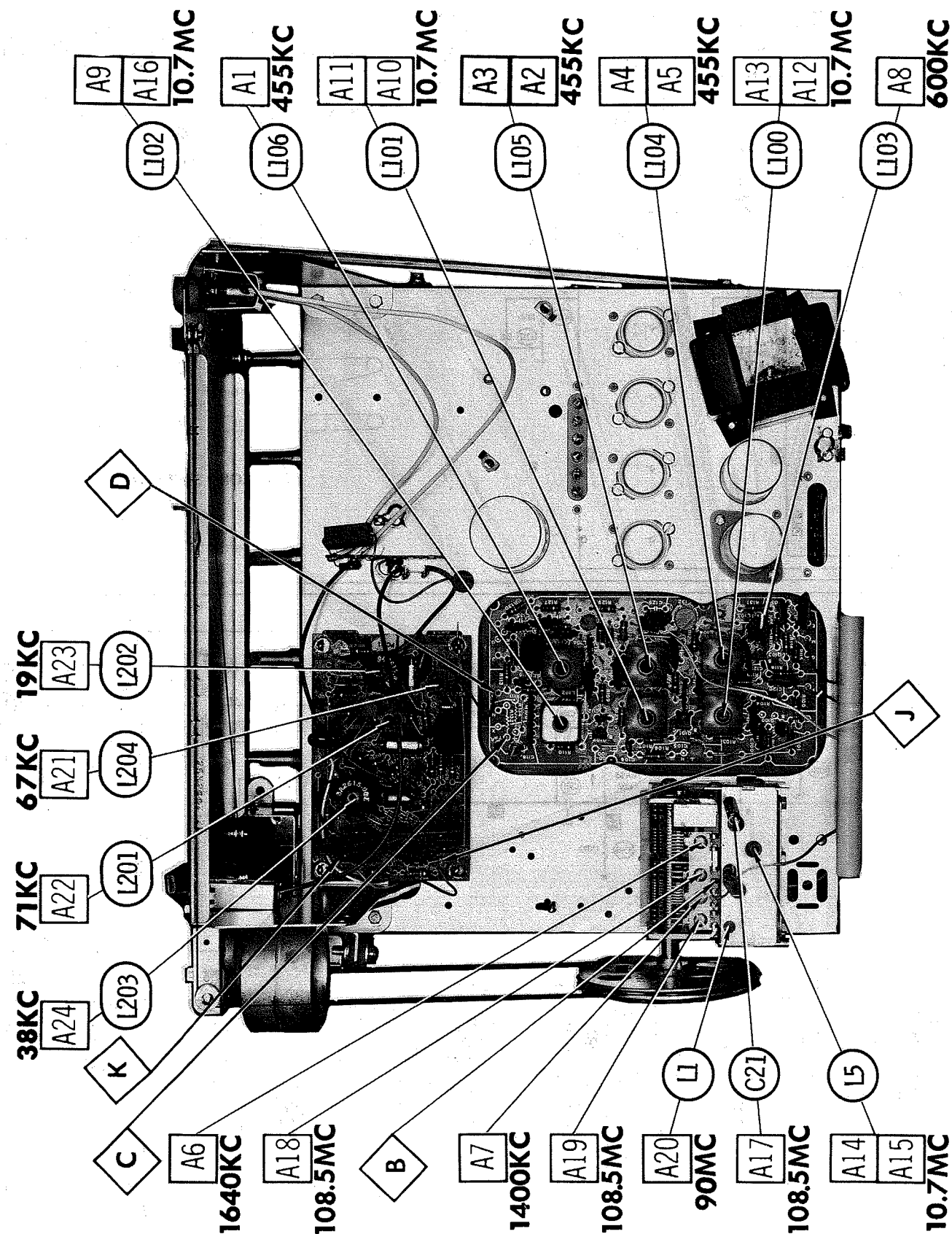
Connect generator across antenna terminals with 120-ohm carbon resistor in series with each lead.

GENERATOR FREQUENCY	RADIO DIAL SETTING	INDICATOR	ADJUST	REMARKS
7. 108.5MC	High freq. end	DC probe of VTVM to point $\diamond$ , common to ground.	A17,A18, A19	Adjust for maximum.  FIG. 2
8. 90MC	Tune to signal.	"	A20	Rock tuning and adjust for maximum. Repeat steps 7 and 8 until no further improvement can be made.

## FM STEREO MULTIPLEX ALIGNMENT USING FM STEREO SIGNAL GENERATOR ( $\pm .0001\%$ ACCURACY)

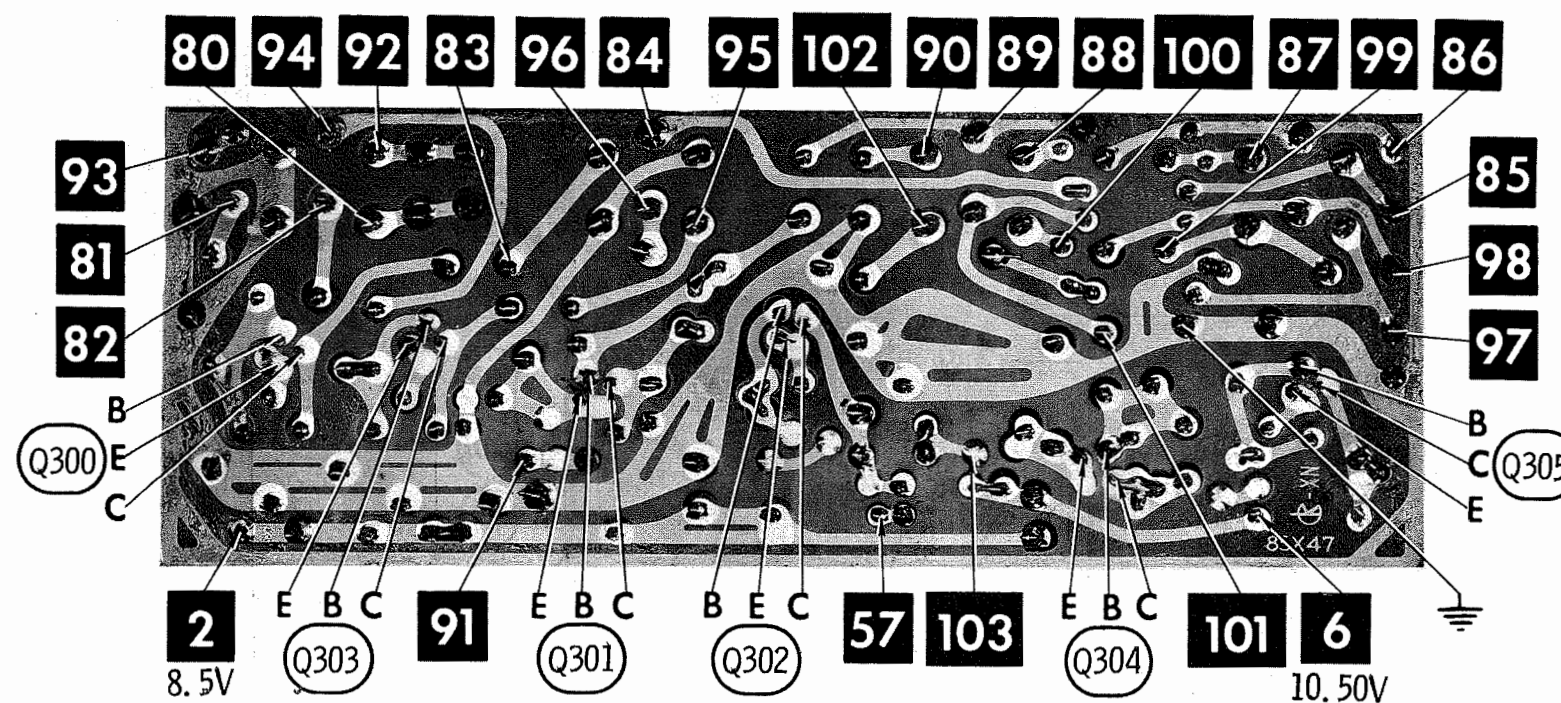
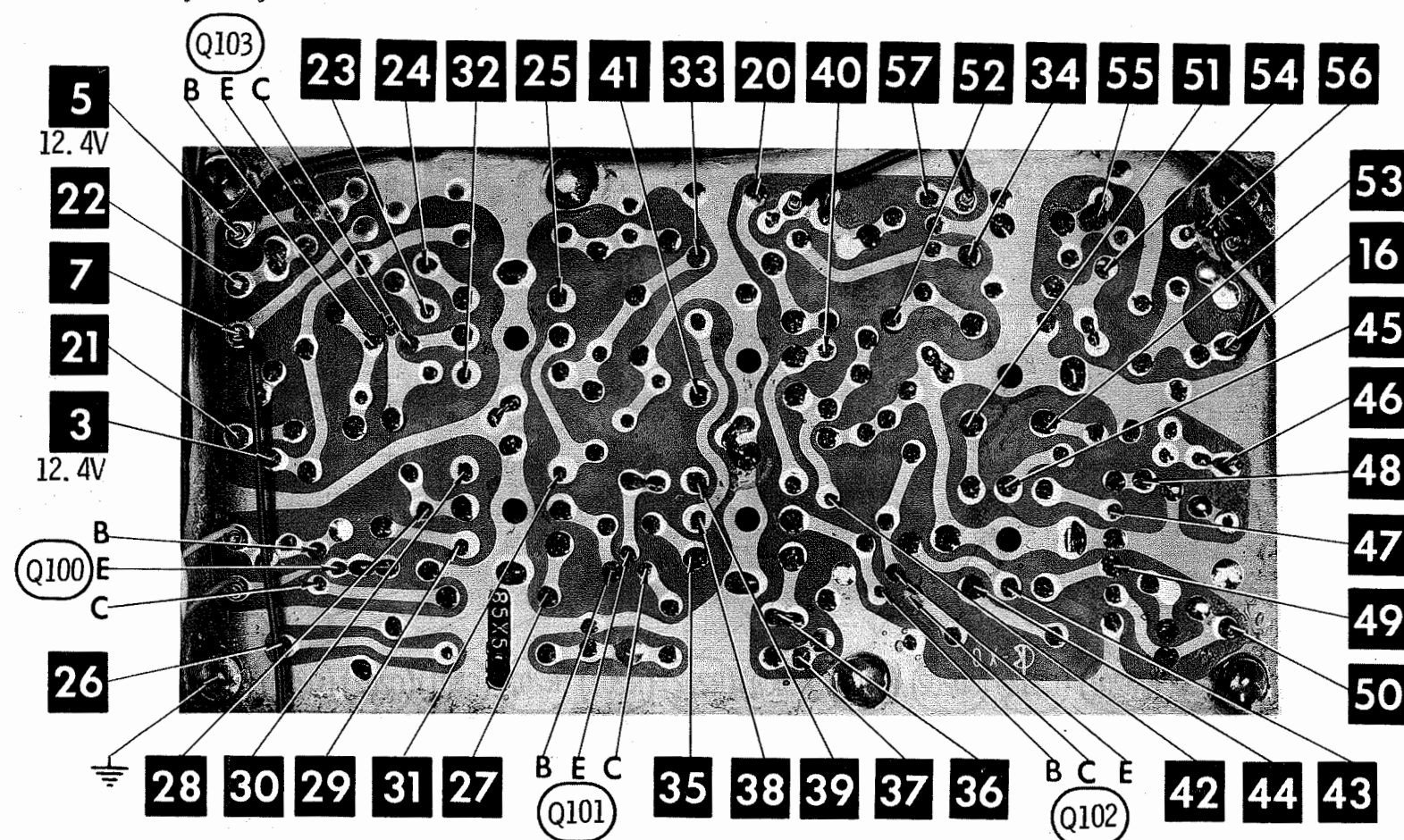
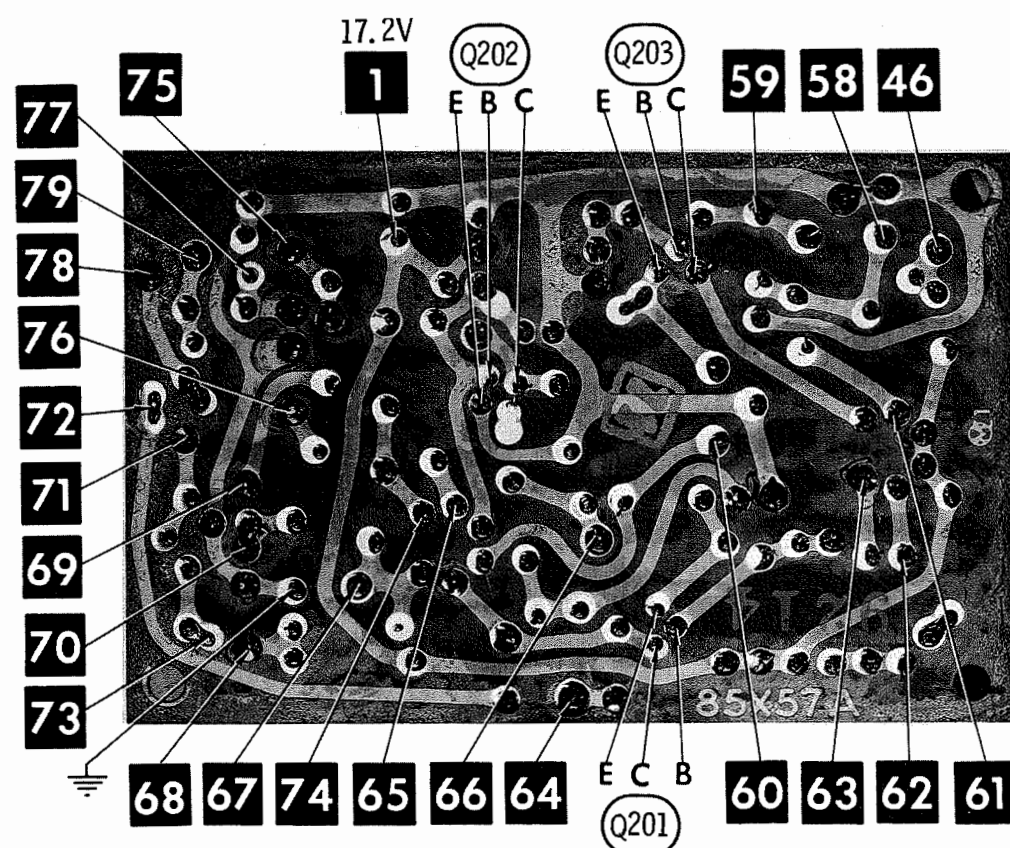
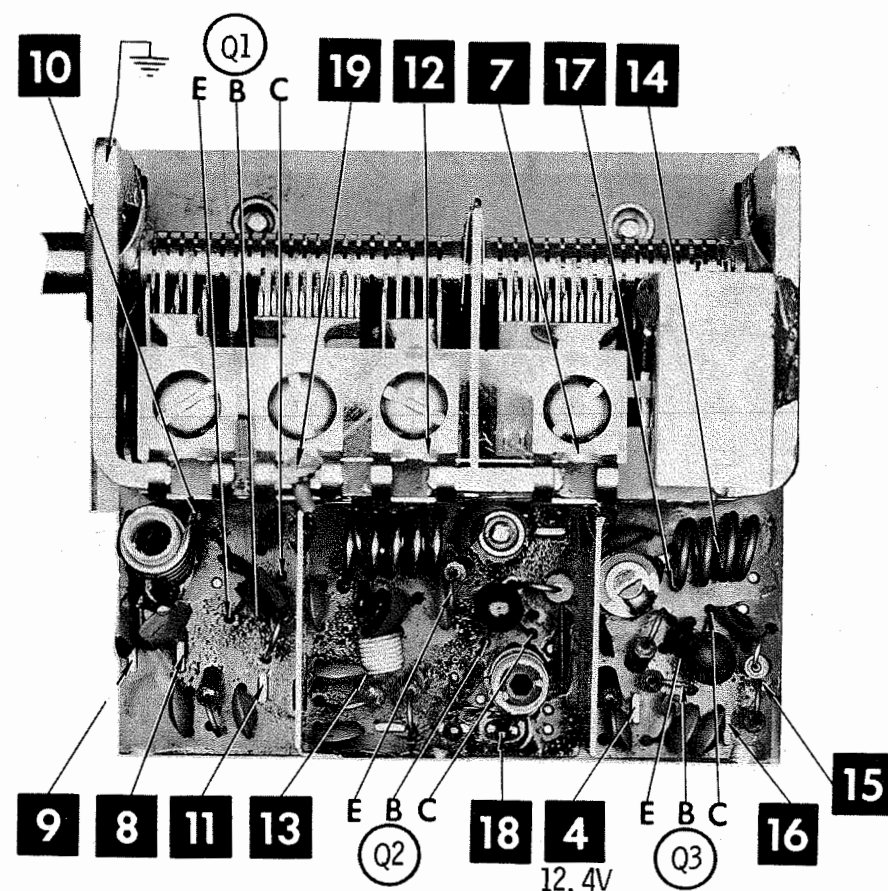
High side of generator thru 47K to point  $\diamond$ , low side to ground.

GENERATOR FREQUENCY	INDICATOR	ADJUST	REMARKS
9. 67KC	Vert. amp of scope thru 47K to point $\diamond$ , low side to ground.	A21	Adjust for MINIMUM
10. 71KC	Vert. amp of scope thru 47K to point $\diamond$ , low side to ground.	A22	Adjust for MINIMUM
11. 19KC	Vert. amp of scope thru 47K to point $\diamond$ , low side to ground.	A23	Adjust for maximum.
12. "	Vert. amp of scope thru 47K to point $\diamond$ , low side to ground.	A24	Adjust for maximum 38KC response.
13. Modulated Left Channel	Vert. amp of scope to point $\diamond$ , low side to ground.	A23,A24	Adjust for MINIMUM. This step should require only slight adjustment.
14. Modulated Right Channel	Vert. amp of scope to point $\diamond$ , low side to ground		Check for MINIMUM. If necessary make compromise adjustment of A23 and A24.













PARTS LIST AND DESCRIPTION (CONTINUED)

(When ordering parts, state Model, Part Number, and Description.)

PHONO CARTRIDGE & NEEDLES

ITEM No.	REPLACEMENT DATA						NOTES
	MFR. PART No.		ASTATIC PART No.		ELECTRO-VOICE PART No.		
	CARTRIDGE	NEEDLE	CARTRIDGE	NEEDLE	CARTRIDGE	NEEDLE	
M1	2-11D-S2B		1113d	N730sd	5381D	3310DS	
M2		0/S110		N730sd		3310DS	

MISCELLANEOUS

ITEM No.	PART NAME	PART No.	NOTES
M3	Lamp	7A0304-000	Dial (#1847)
M4	Lamp	7A0313-001	Stereo Broadcast Indicator (#49)
M5	FM Tuner	25A1273-001	
M6	Motor		Phono
M100	Component Combination	76X0076-001	Ratio Detector Filter
M201	Component Combination	76X0077-001	Multiplex Detector Filter
M202	Component Combination	76X0077-001	Multiplex Detector Filter
S1	Switch	2A0617-001	Selector (AM/FM/AF/AF/ Stereo/Tape/Phono)
S2	Switch	(1)	External Speakers (On/Off)
S3	Switch	(1)	Internal Speakers (On/Off)
S4	Switch	(1)	Power (On/Off)
S5	Switch		Power (On/Off)(Located on Changer)
	Printed Circuit Board	38A3987-000	Multiplex
	Printed Circuit Board	38A3742-000	Audio
	Printed Circuit Board	38A3986-000	IF

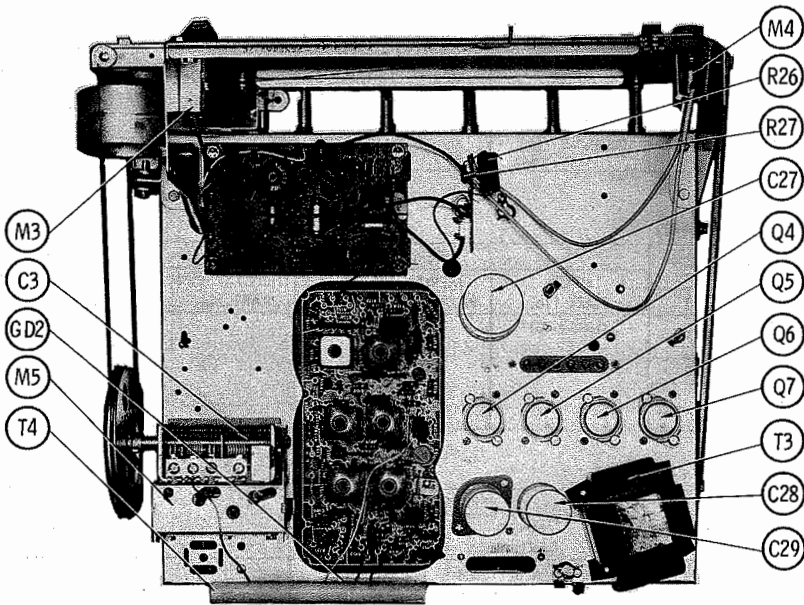
(1) Part of Assembly 38A3900-000.

CABINETS & CABINET PARTS (When ordering specify model, chassis & color)

ITEM	PART No.	ITEM	PART No.
Knob - Tuning	10A1168-027	Dial Glass	58X0941-001
Knob - Function	10A1168-028	Dial Pointer	15X0303-001
Knob - Bass, Treble, Loudness	10A1168-025	Escutcheon - Control Panel	38A3795-000
Knob - Balance	10A1168-026	Cabinet Back	75X0228-001
Knob Rocker - On/Off Switch	10A1167-010	Antenna Assembly - Dipole	50A5000-600
Knob Rocker - External Speaker Switch	10A1167-111	45 RPM Adapter	28A0329-001
Knob Rocker - Internal Speaker Switch	10A1167-012		

WIRING DATA

General-use Unshielded Hook-up Wire	Use BELOEN No. 8530 (Solid) Available in 12 Colors
Power Cord	Use BELOEN No. 17106 (Plastic) or 17126 (Rubber) - 6 Ft. 17109 (Plastic) or 17129 (Rubber) - 9 Ft.
Low-loss Shielded Lead (Interconnecting)	Use BELOEN No. 8401 or 8421
Phono Pick-up Arm Cable	Use BELOEN No. 8430 (Two Conductor-Unshielded) 8429 (Two Conductor-Shielded) 8419 (Three Conductor-Shielded)



PARTS LIST AND DESCRIPTION

(When ordering parts, state Model, Part Number, and Description.)

TRANSISTORS

ITEM No.	TYPE No.	FUNCTION	REPLACEMENT DATA					
			MFR. PART No.	GENERAL ELECTRIC PART No.	INTERNATIONAL RECTIFIER PART No.	MOTOROLA PART No.	RCA PART No.	SYLVANIA PART No.
Q1		FM RF Amp		GE-17	TR-22	HEP709	SK3018	ECG 108
Q2		FM Mixer		GE-17	TR-22	HEP56	SK3018	ECG 108
Q3		FM Oscillator		GE-17	TR-22	HEP738	SK3018	ECG 108
Q4		Output (1) (2)	86X0030-001			HEP238		
Q5		Output (1) (2)	86X0030-001	GE-13MP		HEP238	SK3015	ECG 121MP
Q6		Output (1) (2)	86X0030-001			HEP238		
Q7		Output (1) (2)	86X0030-001	GE-13MP		HEP238	SK3015	ECG 121MP
Q100		1st FM IF Amp	86X0029-001		TR-21	HEP56	SK3018	ECG 108
Q101		1st AM - 2nd FM IF Amp	86X0029-001	GE-20	TR-21	HEP56	SK3018	ECG 108
Q102		2nd AM - 3rd FM IF Amp	86X0029-001	GE-20	TR-21	HEP56	SK3018	ECG 108
Q103		AM Converter	86X0029-001	GE-20	TR-21	HEP56	SK3018	ECG 123
Q201		38KC Amp	86X0016-001	GE-22	TR-17	HEP51		ECG 106
Q202		Stereo Indicator Sw.	86X0031-003	GE-10	TR-21	HEP53	SK3020	ECG 123
Q203		MPX Input Amp	86X0031-002	GE-10	TR-21	HEP53	SK3020	ECG 123
Q300	31-1	AF Amp	86X0031-001	GE-10	TR-21	HEP53	SK3020	ECG 123
Q301	31-2	AF Amp	86X0031-002	GE-10	TR-21	HEP53	SK3020	ECG 123
Q302		Driver	86X0031-003	GE-10	TR-21	HEP53	SK3020	ECG 123
Q303		AF Amp	86X0031-001	GE-10	TR-21	HEP53	SK3020	ECG 123
Q304		AF Amp	86X0031-002	GE-10	TR-21	HEP53	SK3020	ECG 123
Q305		Driver	86X0031-003	GE-10	TR-21	HEP53	SK3020	ECG 123

(1) Matched Pair

(2) When replacing, apply silicone grease to both sides of insulator. Tighten mounting screws securely.

POWER RECTIFIERS & SIGNAL DIODES

ITEM No.	MFR. PART OR TYPE No.	REPLACEMENT RECTIFIERS & DIODES			REPLACEMENT RECTIFIERS	NOTES
		GENERAL ELECTRIC PART No.	INTERNATIONAL RECTIFIER PART No.	SYLVANIA PART No.		
G01	(1)					(1) Variable Capacitor Diode.
G02	66X0039-001	1N60	1N60	ECG 109		
G0100	66X0039-001	1N60	1N60	ECG 109		
G0101	66X0039-001	1N60	1N60	ECG 110 (4)		(4) Matched Pairs.
G0102	66X0039-001	1N60	1N60	ECG 109		
G0104	66X0039-001	1N60	1N60	ECG 109		
G0201	66X0039-001	1N60	1N60	ECG 109		
G0202	66X0039-001	1N60	1N60	ECG 110 (4)		
G0203	66X0039-001	1N60	1N60	ECG 110 (4)		
G0204	66X0039-001	1N60	1N60	ECG 110 (4)		
G0205	66X0039-001	1N60	1N60	ECG 109		
G0206	66X0039-001	1N60	1N60	ECG 116 or	SK3030 or	
SD201	66X0037-001	GE-504A	8D4 or 5A4-0	ECG 117	SK3031 or	
SD202	66X0037-001	GE-504A	8D4 or 5A4-0	ECG 116 or	SK3030 or	
SR2	66X0023-008	GE-504A	8D4 or 180C6A (2)	ECG 117	SK3030 or	(2) A single unit replacement for SR2 and SR3.
SR3	66X0023-008	GE-504A	8D4 or 180C6A (2)	ECG 116 or	SK3030 or	
SR4	66X0023-008	GE-504A	8D4 or 180C6A (2)	ECG 117	SK3031 or	
SR5	66X0023-008	GE-504A	8D4 or 180C6A (3)	ECG 116 or	SK3030 or	(3) A single unit replacement for SR4 and SR5.
			8D4 or 180C6A (3)	ECG 117	SK3031 or	

ELECTROLYTIC CAPACITORS

ITEM No.	RATING	REPLACEMENT DATA						
		CATALINA PART No.	AEROVOX PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	GENERAL ELECTRIC PART No.	MALLORY PART No.	SPRAGUE PART No.
C27A	100 25V	45X0527-001	AFH3-04		DD0007A		FP419.557	TVL-3231.5
B	500 25V							
C	500 25V							
C28	2000 25V	45X0526-001	AFH1-10-03 (1)	EA30-1000 (1)	CC0025A (1)		FP060.2	TVL-1243 (1)
C29	2000 25V	45X0526-001	AFH1-10-03	EA30-1000	CC0025A		FP060.2	TVL-1243
C105	10 25V	45X0524-002	BCD25010	EP30-10	PC10-50	MT1-5	MTV10CB50	TE-1204
C118	4 20V	45X0524-005	BCD25004	EP30-3	PC5-100	MT1-3	MTV4CB50	TE-1201.2
C129	10 25V	45X0524-002	BCD25010	EP30-10	PC10-50	MT1-5	MTV10CB50	TE-1204
C132	100 25V	45X0524-001	CRE623A	EA30-100	PC100-25	MT1-20	MTV100CK50	TE-1211
C204	100 20V	45X0524-001	CRE623A	EA30-100	PC100-25	MT1-20	MTV100CK25	TL-1211
C207	10 25V	45X0524-002	BCD25010	EP30-10	PC10-50	MT1-8.5	MTV10CB50	TE-1204
C208	100 20V	45X0524-001	CRE623A	EA30-100	PC100-25	MT1-20	MTV100CK25	TL-1211
C309	500 15V		BCD15500	EA15-500	PC500-16	QT1-30A	MTV500DN15	TL-1166
	400 15V	45X0524-003						
C310	2 12V	45X0515-10	CRE751A	EA15-2	AL2-50	MT1-1	MTA2D50	TE-1121
C321	2 12V	45X0515-010	CRE751A	EA15-2	AL2-50	MT1-1	MTA2D50	TE-1121
C322	5 NP 10V	45X0534-001	PRS-NP7550			NPQT-1	TCN105	TVAN-1303.1
C323	5 NP 10V	45X0534-001	PRS-NP5559			NPQT-1	TCN105	TVAN-1203.1

(1) Use mounting wafer.

CATALINA  
MODEL 122-1475A

FOLDER 5



PARTS LIST AND DESCRIPTION (CONTINUED)

(When ordering parts, state Model, Part Number, and Description.)

CAPACITORS

ITEM No.	RATING	REMARKS	REPLACEMENT DATA					
			AEROVOX PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	ELMENCO PART No.	MALLORY PART No.	SPRAGUE PART No.
C1	10	NPO	NPO-01 10	DTZ-10	CZ601CG100J	CCTO-100	CN0410	10TCC-Q10
C2	10	NPO	NPO-01 10	DTZ-10	CZ601CG100J	CCTO-100	CN0410	10TCC-Q10
C3								
C5	10	NPO		DTZ-10	CZ601CG100J		CN0410	10TCC-Q10
C6	56	NPO/50V						
C7	10	NPO		DTZ-10	CZ601CG100J		CN0410	10TCC-Q10
C8	.01		GPO X5S103K	00-103	BYX601ZU103P	CCO-103	JF110	10TS-S10
C11	15	NPO		DTZ-15	CZ601CG150J		CN0415	10TCC-Q15
C12	130	N750		TCN-120		CCTN-121	CN7312	10TCU-T12
C13	.0015		GPO X5F152K	00-152		CCO-152	GP215	10TS-D15
C14	20	NPO		DTZ-10	CZ601CG100J		CN0410	10TCC-Q10
C15	.01		GPO X5S103K	00-103	BYX601ZU103P	CCO-103	JF110	10TS-S10
C16	.01		GPO X5S103K	00-103	BYX601ZU103P	CCO-103	JF110	10TS-S10
C17	120		GPO X5F121K	00-121	JBZ601YP121K	CCO-121	GP312	10TS-T12
C18	.01		GPO X5S103K	00-103	BYX601ZU103P	CCO-103	JF110	10TS-S10
C19	.01		GPO X5S103K	00-103	BYX601ZU103P	CCO-103	JF110	10TS-S10
C20	11	N750						
C21								
C22	.01		GPD X5S103K	00-103	BYX601ZU103P	CCO-103	JF110	10TS-S10
C23	15	NPO		DTZ-15	CZ601CG150J		CN0415	10TCC-Q15
C24	.01		GPO X5S103K	00-103	BYX601ZU103P	CCO-103	JF110	10TS-S10
C25	.01		GPO X5S103K	00-103	BYX601ZU103P	CCO-103	JF110	10TS-S10
C26	.01		GPD X5S103K	00-103	BYX601ZU103P	CCO-103	JF110	10TS-S10
C30	.01		GPD X5S103K	00-103	BYX601ZU103P	CCO-103	JF110	10TS-S10
C31	.1	600V	DBE6P1		OMF6P1	60P-4-104	PVC601	6PS-P10
C32	5.6	NPO						10TCC-V56
C33	1.5		NPO-DI 1.5	DTZ-1R5	CZ601CG100J		CN0515	10TCC-V15
C34	10	NPO		DTZ-10			CN0410	10TCC-Q10
C35	20	NPO		DTZ-20			CN0420	10TCC-Q20
C36	.01		GPO X5S103K	00-103	BYX601ZU103P	CCD-103	JF110	10TS-S10
C37	.01		GPO X5S103K	00-103	BYX601ZU103P	CCD-103	JF110	10TS-S10
C39	.02		TTP-02	CK-203	HOR101ZV203P	CCD-203	TA120	TG-S20
C100	.05		TTP-05	CK-503	HOR101ZV503Z	CCD-503	TA150	TGL-S50
C101	.002	500V	GPD X5F202K	DD-202	JBX601YP202K	CCD-202	GP220	10TS-D20
C104	.05		TTP-05	CK-503	HOR101ZV503Z	CCD-503	TA150	TGL-S50
C106	6.8	NPO	NPO-01 6.8	DTZ-6R8	CZ601CH6R8D		CN0568	10TCC-V68
C107	1.5	NPO	NPO-01 1.5	DTZ-1R5			CN0515	10TCC-V15
C108	.05		TTP-05	CK-503	HOR101ZV503Z	CCD-503	TA150	TGL-S50
C111	.05		TTP-05	CK-503	HOR101ZV503Z	CCD-503	CN0533	10TCC-V33
C112	3.3	+25	NPO-01 3.3	DTZ-3R3			GP333	10TS-T33
C116	330	10%	GPO X5F331K	00-331	JBZ601YP331K	CCD-331	PVC1033	2PS-P33
C117	.33	75V	V1612P33		DMF1P33	10P-4-334	TA150	TGL-S50
C119	.05		TTP-05	CK-503	HOR101ZV503Z	CCD-503	TA150	TGL-S50
C120	.05		TTP-05	CK-503	HOR101ZV503Z	CCD-503	TA150	TGL-S50
C121	.01		TTP-01	CK-103	HOR101ZV103P	CCD-103	TA110	TG-S10
C124	.01		TTP-01	CK-103	HOR101ZV103P	CCD-103	TA150	TGL-S50
C125	.05		TTP-05	CK-503	HOR101ZV503Z	CCD-503	TA150	TGL-S50
C126	.05		TTP-05	CK-503	HOR101ZV503Z	CCD-503	TA150	TGL-S50
C128	.05		TTP-05	CK-503	HOR101ZV503Z	CCD-503	TA150	TGL-S50
C131	.05		TTP-02	CK-203	HOR101ZV203P	CCD-203	TA120	TG-S20
C133	.02	100V	TTP-02	CK-203	HOR101ZV203P	CCD-203	TA120	TG-S20
C134	.02	100V	TTP-02	CK-203	HOR101ZV203P	CCD-203	TA110	TG-S10
C135	.01	100V	TTP-01	CK-103	HOR101ZV103P	CCD-103	TA110	TG-S10
C136	.01	100V	TTP-01	CK-103	HOR101ZV103P	CCD-103	TA110	TG-S10
C201	.33	75V	V1612P33		DMF1P33	10P-4-334	PVC1033	2PS-P33
C202	470	125V		CPR-470J	CD15F471J500	DM-16-471J	SX347	424ME4700J501
C203	.0012	500V		CPR-1200J	CD19F122J500	DM-19-122J	SX212	424ME1201J501
C205	.01	125V			CD30F113J500			
C206	.0047	100V		CPR-4700J	WMF1D47	60P-1-472	PVC6247	6PS-047
C209	.0012	500V		CPR-1200J	CD19F122J500	DM-19-122J	SX212	424ME1201J501
C210	.02	100V		CK-203	HOR101ZV203P	CCD-203	TA120	TG-S20
C211	.02	100V		CK-203	HOR101ZV203P	CCD-203	TA120	TG-S20
C212	.0047	100V		CPR-4700J	WMF1D47	60P-1-472	PVC6247	6PS-047
C213	.0047	100V		CPR-4700J	WMF1D47	60P-1-472	PVC6247	6PS-047
C214	.1	100V		DBE2P1	DMF1P1	10P-2-104	PVC101	225P10491WD3
C215	.0068	250V		GPD X5R682K	DD-682	BYX601ZU682P	JF268	10TS-D68
C216	.0068	250V		GPD X5R682K	DD-682	BYX601ZU682P	JF268	10TS-D68
C217	.0068	250V		GPD X5R682K	DD-682	BYX601ZU682P	JF268	10TS-D68
C218	.0068	250V		GPD X5R682K	DD-682	BYX601ZU682P	JF268	10TS-D68
C300	100	N1500		TCL-100			*	10TCN-T10
C301	.01	100V		CPR-10000J	WMF1S1	10P-1-103	PVC211	225P10391WD3
C302	.033	100V			DMF1S33	10P-2-333	PVC1133	225P33391
C303	.1	100V			DMF1P1	10P-2-104	PVC101	225P10491WD3
C304	.01	100V			WMF1S1	10P-1-103	PVC211	225P10391WD3
C305	.1	100V			DMF1P1	10P-2-104	PVC101	225P10491WD3
C306	.0015	10%				CCD-152	GP215	10TS-D15
C307	.068	100V			DMF1S68	10P-2-683	PVC1168	225P68391
C308	.022	100V			DMF1S22	10P-1-223	PVC1122	225P22391WD3
C311	330	10%			JBZ601YP331K	CCD-331	GP333	10TS-T33
C312	100	N1500					*	10TCN-T10
C313	.1	100V			DMF1P1	10P-2-104	PVC101	225P10491WD3
C314	.033	100V			DMF1S33	10P-1-333	PVC1133	225P33391
C315	.1	100V			DMF1P1	10P-2-104	PVC101	225P10491WD3
C316	.01	100V			WMF1S1	10P-1-103	PVC211	225P10391WD3
C317	.1	100V			DMF1P1	10P-2-104	PVC101	225P10491WD3
C318	.0015	10%				CCD-152	GP215	10TS-D15
C319	.068	100V			DMF1S68	10P-2-683	PVC1168	225P68391
C320	.022	100V			DMF1S22	10P-1-223	PVC1122	225P22391WD3
C322	330	10%			JBZ601YP331K	CCD-331	GP333	10TS-T33

\* Not normally in distributor's stock. Available thru distributor on order to manufacturer. # Catalina Part Number

PARTS LIST AND DESCRIPTION (CONTINUED)

(When ordering parts, state Model, Part Number, and Description.)

CONTROLS (All wattages 1/2 watt, or less, unless listed)

ITEM No.	FUNCTION	RESIST-ANCE	REPLACEMENT DATA				
			MFGR. PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	CTS-IRC PART No.	MALLORY PART No.
R301A	Loudness (Left)	1meg, Tap @ 35K	36X0468-001A			QCB2 (1), B17-137X, TM5,QCM,QCN	
B	Loudness (Right)	1meg, Tap @ 35K					
R306A	Balance (Left)	250K	36X0460-001A	F2-250K,R3-250K, SF114,CPL-2, BA006,CA005			P254A,3058, SH3250,RU254R, CS3500
B	Balance (Right)	250K					
R308A	Bass (Left)	100K	40X0595-001A	F2-100K,R2-100K, SF114,CPL-2, BA006,CA005		QCB2 (1), B13-128,B13-128, TM5,QCM,QCN or [BU3,CF52,CR63,* SS1,SS7A,QCN,OC1]	P15A,3058, SH3250,RU15A, CS3500
B	Bass (Right)	100K					
R311A	Treble (Left)	25K	40X0603-001A	F1-25K,R1-25K, SF114,CPL-2, BA006,CA005		QCB2 (1), B11-120,B11-120, TM5,QCM or [BU3,CF11,CR6,* SS1,SS7A,QCN,OC1]	P253L,3058, SH3250,RU253L, CS3500
B	Treble (Right)	25K					

(1) Use QCB2 Bushing instead of Tab Mount Plate in TM5 Kit.

\* "SNAPTROL"

RESISTORS (Power and Special)

ITEM No.	RATING	REPLACEMENT DATA			ITEM No.	RATING	REPLACEMENT DATA		
		IRC PART No.	WORKMAN PART No.	MFGR. PART No.			IRC PART No.	WORKMAN PART No.	MFGR. PART No.
R12	.47 2W	BWH-.47		43X0401-015	R26	380 5W			43X0401-031
R15	.47 2W	BWH-.47		43X0401-015	R33	.47 2W	BWH-.47		43X0401-015
R18	.47 2W	BWH-.47		43X0401-015					

COILS (RF-IF)

ITEM No.	USE	REPLACEMENT DATA			
		PART No.	MEISSNER PART No.	MILLER PART No.	WORKMAN PART No.
L1	FM Oscillator	(1)			
L2	FM RF	(1)			
L3	10.7MC Trap	(1)			
L4	FM Input IF	(1)			
L5	FM Antenna	(1)			
L100	FM Interstage IF	9A2674-001			
L101	FM Interstage IF	9A2675-001			
L102	Ratio Detector	9A2673-001			
L103	AM Oscillator	9A2672-001			
L104	AM Input IF	9A2696-001			
L105	AM Interstage IF	9A2669-001			
L106	AM Output IF	9A2670-001			
L201	71KC Trap	9A2613-001			
L202	19KC Doubler	9A2612-001			
L203	38KC Output	9A2615-001			
L204	67KC Trap	9A2647-001			
T4	Loopstick	9A2671-001		6345 (2)	

(1) Part of FM Tuner M5.

(2) Clip unused pin.

TRANSFORMER (Driver)

ITEM No.	TURNS RATIO			REPLACEMENT DATA					NOTES
	PRI.	SEC. 1	SEC. 2	MFGR. PART No.	MERIT PART No.	STANCOR PART No.	THORDARSON PART No.	TRIAD PART No.	
T1	2.6	1	1	50X0052-001(B)					
T2	2.6	1	1	50X0052-001(B)					

TRANSFORMER (Power)

ITEM No.	RATING		REPLACEMENT DATA					NOTES
	PRI.	SEC. 1	MFGR. PART No.	MERIT PART No.	STANCOR PART No.	THORDARSON PART No.	TRIAD PART No.	
T3	117VAC @ .2A AC	36VAC CT @ .5A DC	53X0449-001					
	SEC. 2	SEC. 3						
	49VAC, CT @ .055A DC	6.3VAC @ .3A AC						

SPEAKER

ITEM No.	TYPE	REPLACEMENT DATA		NOTES
		MFGR. PART No.	QUAM PART No.	
SP1	8" PM 8 ohms	12A0627-000A	8A1PA	
SP2	3 1/2" PM 12 ohms	12A0629-001A	3A05Z12	
SP3	2" x 6" Horn 8 ohms	12A0650-001A		
SP4	8" PM 8 ohms	12A0627-000A	8A1PA	
SP5	3 1/2" PM 12 ohms	12A0629-001A	3A05Z12	
SP6	2" x 6" Horn 8 ohms	12A0650-001A		

CATALINA  
MODEL 122-1475A

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