



PHOTOFACT[®] with

CIRCUITRACE[®]

For Supplier Address See PHOTOFACT Index

NOTE

Repair or adjustment of transmitter circuits must be under supervision of a person with first-or second-class radiotelephone license.

(Refer to FCC Rules and Regulations Part 95, Subpart C & D.)

The frequency of the transmitter should be checked periodically with a secondary frequency standard to insure proper and legal operation.

Best results will be obtained when adjusting the final RF output circuit if the antenna normally used is connected and the chassis is as nearly in the cabinet as possible.

Connect either 50-ohm dummy load or the normally used antenna system.



MODEL FANFARE 350F

MANUFACTURER'S SPECIFICATIONS

Receiver

Sensitivity at 10 db S + N/N -	
AM	0.2 uV
USB	0.17 uV
LSB	0.17 uV
Image Rejection at 30.8 MHz -	80 db
I.F. Frequency -	7.8 MHz
Squelch Sensitivity -	
Threshold	0.25 uV
Maximum (Stop)	100 to 2850 uV
Adjacent Channel Selectivity -	Better than 50 db
Cross Modulation -	60 db
Audio Output, 10% Distortion -	3.8 W
Audio Bandwidth (1 kHz / 0 db) -	
3 db down	400 to 3000 Hz
Hum and Noise with no Signal -	3.8 mV
"S" Meter Sensitivity for -	150 uV
a reading of S9	

Transmitter

RF Power Output -	
AM	3.5 to 4.0 W
SSB - (PEP)	9.0 to 12 W
Modulation Capability -	90%
Frequency Range -	26.965 through 27.405 MHz
Spurious Signal Suppression -	(-) 60 db or better
Microphone Output for 100% -	
Modulation	4.7 mV

Courtesy of the Manufacturer

FANON MODEL FANFARE 350F

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

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ALIGNMENT INSTRUCTIONS

CAUTION: Use isolation transformer or observe polarity when connecting test equipment.
 Allow a 15-minute warm-up period.
 Adjustments made with 13.8-volt DC input.
 Connect low sides of test equipment to ground unless specified otherwise.
 Connect 50-ohm dummy load or antenna before keying transmitter.
 Suggested Alignment Tools:
 L6, L8, L10 5009
 L6 thru L9(PLL), T1 thru T8, T10, T13 9440
 CT1, CT2, CT3, CT1 thru CT4(PLL) 5000

SYNTHESIZER ALIGNMENT

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Input of frequency counter to TP10. (Pin 10 IC2)	Ch. 19, AM	CT1 (PLL)	Adjust for 10.240MHz.
Input of frequency counter to TP11. (TR7 (PLL) Emitter)	Ch. 19, LSB	CT2 (PLL)	Adjust for 11.284MHz.
Input of frequency counter to TP12. (TR8 (PLL) Emitter)	Ch. 19, AM	CT3 (PLL)	Adjust for 11.285MHz.
Input of frequency counter to TP13. (TR9 (PLL) Emitter)	Ch. 19, USB	CT4	Adjust for 11.285MHz.
Input of RF VTVM to TP2 (PLL).	Ch. 19, AM	L8,L9 (PLL)	Adjust for maximum.
Input of DC meter to TP1.	Ch. 1, AM	L7 (PLL)	Adjust for 2.60 volts.
Input of RF VTVM to TP14. (L6 (PLL) secondary)	Ch. 19, AM	L6 (PLL)	Adjust for maximum.
Input of RF VTVM to TP2.	Ch. 19, USB	T8	Adjust for maximum.
Input of frequency counter to TP2.	Ch. 19, USB Ch. 19, LSB	CT3 CT2	Adjust for 7.8025MHz. Adjust for 7.7975MHz.

RECEIVER ALIGNMENT

Connect an AC VTVM or AF wattmeter across speaker voice coil.
 Adjust volume control to obtain a suitable indication.
 Set generator output low enough to prevent AGC limiting.
 Clarifier Midrange, Squelch MINIMUM, Local/DX switch DX.

AM

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Output of signal generator thru .01uF to TP15. 7.8MHz, 1000Hz @ 30% modulation.	Ch. 13, AM NB OFF	T4,T3	Adjust for maximum output.
Output of signal generator thru .01uF to antenna jack. 27.185MHz, 1000Hz @ 30% modulation.	Ch. 19, AM NB OFF	T5,T6,T7	Adjust for maximum output. Repeat above steps if necessary.
Output of signal generator thru .01uF to antenna jack. 23.3MHz, 1000Hz @ 30% modulation. Input of oscilloscope to TP1.	Ch. 19, AM NB ON	T2,T1	Adjust for maximum.

RECEIVER ALIGNMENT

Connect an AC VTVM or AF wattmeter across speaker voice coil.
Adjust volume control to obtain a suitable indication.
Clarifier Midrange Squelch MINIMUM, NB switch OFF.

SSB

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Output of signal generator thru .01uF to antenna jack. 27.185MHz no modulation output 1uV.	Ch. 19, USB	CT1	Adjust for MINIMUM audio out.

RECEIVER ADJUSTMENTS

Connect an AC VTVM or AF wattmeter across speaker voice coil.
Adjust volume control to obtain a suitable indication.
Clarifier Midrange, NB switch Off

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Output of signal generator thru .01uF to antenna jack. 27.185MHz, 1000Hz @ 30% modulation output 50,000mV	Ch. 19, AM Local/DX DX Squelch MINIMUM	VR15	AGC Set volume VR13 for 0db. Decrease generator to 50uV. Adjust VR15 so audio does not drop more than 10db.
Output of signal generator thru .01uF to antenna jack. 27.185MHz, 1000Hz @ 30% modulation output 1uV. Input of oscilloscope to voice coil.	Ch. 19, AM Local/DX Local Squelch MINIMUM	VR3	LOCAL ADJ Adjust for best signal to noise ratio.
Output of signal generator thru .01uF to antenna jack. 27.185MHz, 1000Hz @ 30% modulation output 1000uV.	Ch. 19, AM Local/DX DX	VR2	SQUELCH RANGE Set squelch control VR12 fully clockwise. Adjust VR2 so that squelch just breaks.
Output of signal generator thru .01uF to antenna jack. 27.185MHz, 1000Hz @ 30% modulation output 100uV.	Ch. 19, AM	VR1	S METER Adjust for 9 on scale of meter.

FANON MODEL FANFARE 350F

TRANSMITTER ALIGNMENT

Connect an RF wattmeter and 50-ohm, 25-watt dummy load to antenna connector.
NOTE: Be sure to check transmit frequency and power on all active channels after alignment of transmitter.
See page 4 for channel frequencies.

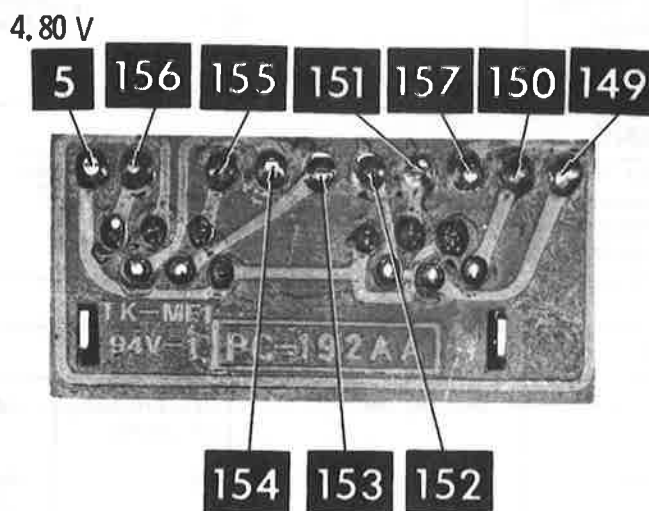
TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Tunable field strength meter set at 54MHz. Input of frequency counter to antenna jack.	Ch. 19, AM	T13,T10,L10, L7 ,VR101	Adjust for maximum.
	Ch. 19, AM	L8	Adjust for MINIMUM signal.
	Ch. 19, AM	VR11	Adjust VR11 for 27.185MHz.

TRANSMITTER ADJUSTMENTS

Connect an RF wattmeter and 50-ohm, 25-watt dummy load to antenna connector.
Be sure to check transmit frequency and power on all active channels after adjustment of transmitter.
See page 4 for channel frequencies.

TEST EQUIPMENT	TRANSCEIVER	ADJUST	REMARKS
Modulation meter to antenna jack. Inject a 1000Hz, 100mV signal at MIC input. Input of oscilloscope to antenna jack. No signal input Inject a 1000Hz, 100mV signal at MIC input. Inject a 1000Hz, 100mV signal at MIC input.	Ch. 19, AM	VR6	AM POWER Adjust for 4 watts maximum.
	Ch. 19, AM	VR8	AMC Adjust for 100% modulation maximum.
	Ch. 19, USB	VR4	CARRIER BALANCE Adjust for MINIMUM RF.
	Ch. 19, USB	VR7	SSB ALC Adjust for 12 watts maximum.
	Ch. 19, USB	VR101	BIAS Adjust for maximum.
	Ch. 19, AM	VR9	RF PANEL METER Adjust for 3/4 reading on S scale of meter

A Howard W. Sams **CIRCUITRACE** Photo



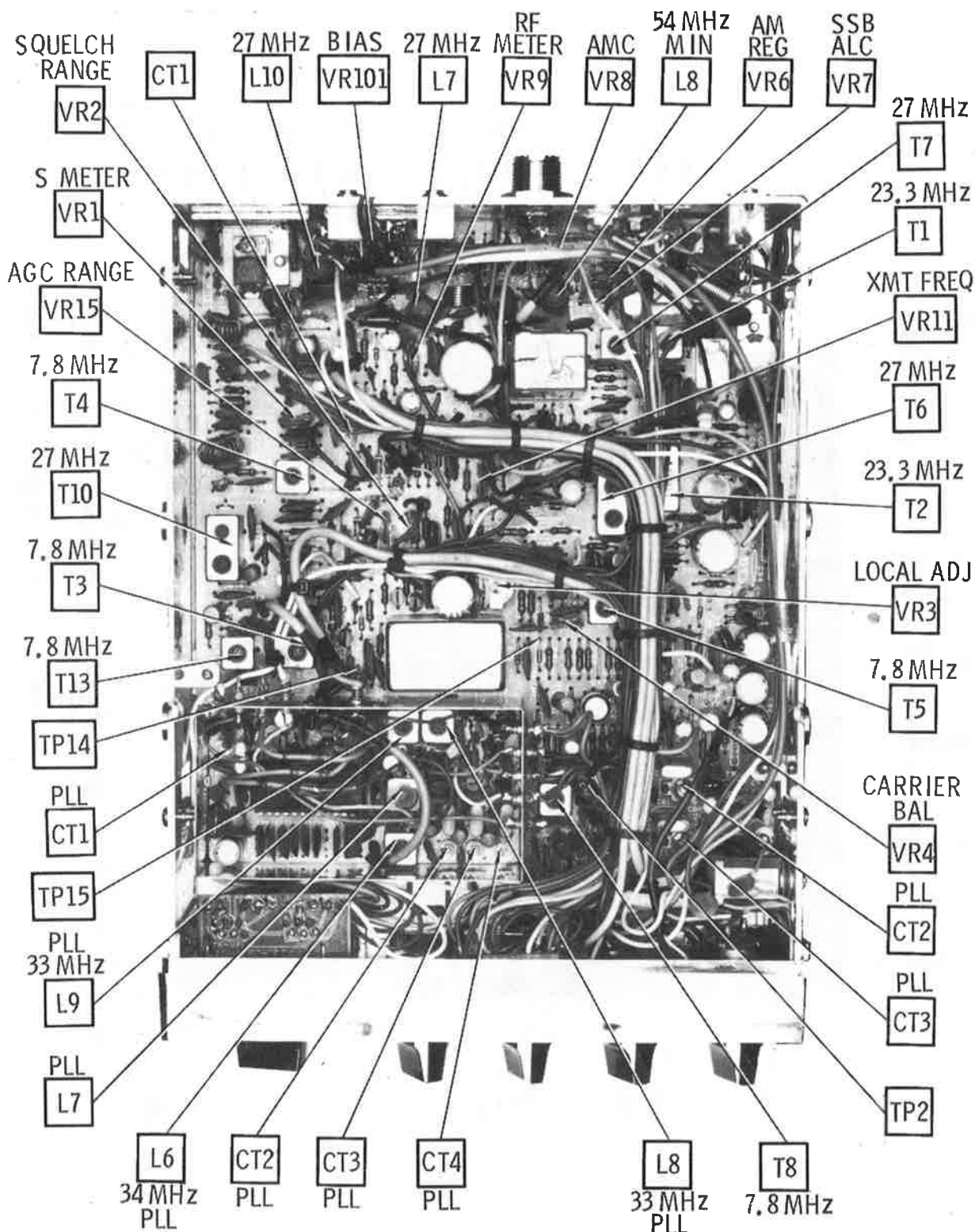
CH. SELECTOR BOARD

TRUTH CHART

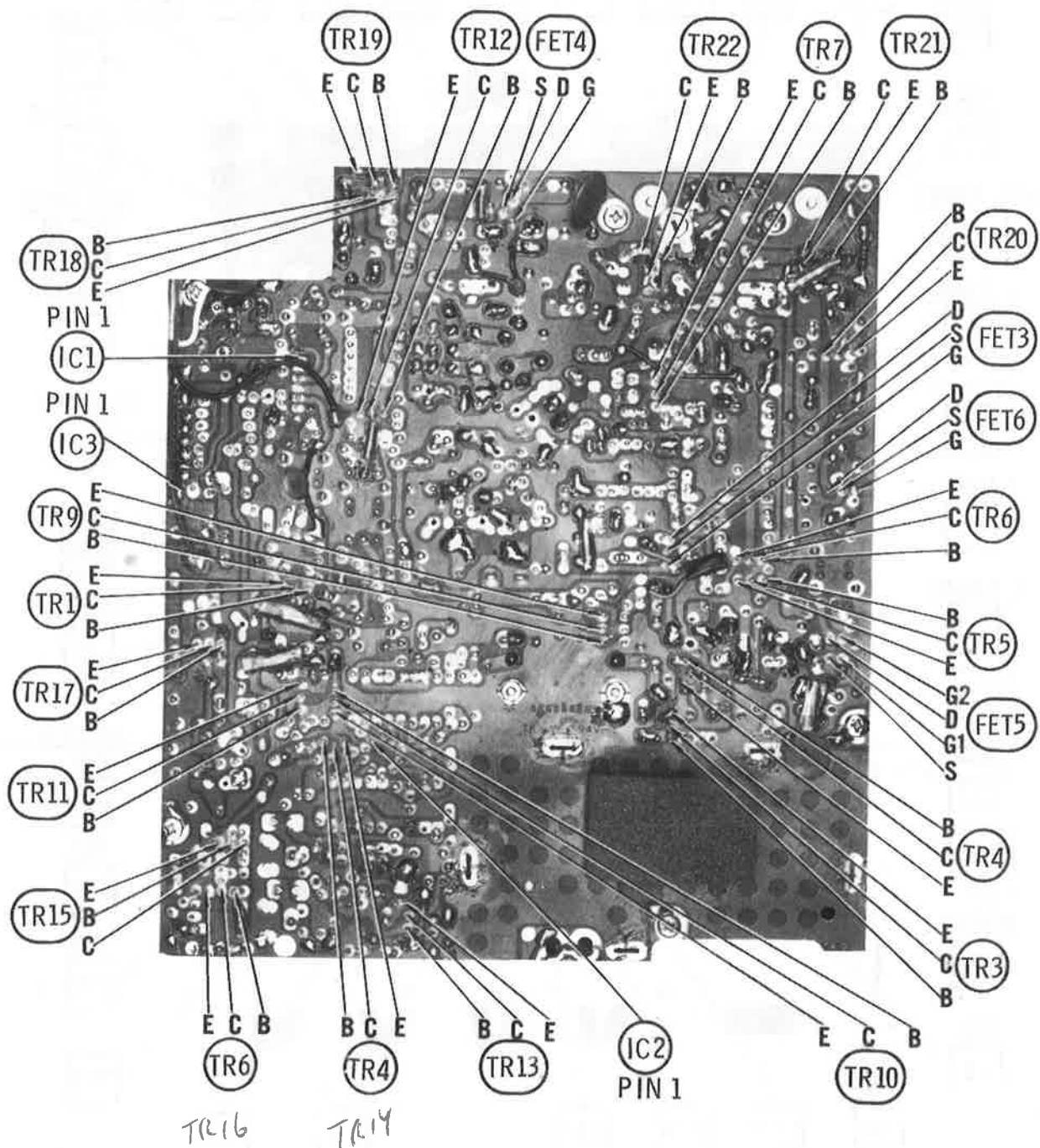
CHANNEL	1 = 4.80 Volts 0 = 0 Volts IC2 PROGRAM DIVIDER								AM REC & XMT VCO OUTPUT IN MHz AT TP14	USB REC & XMT VCO OUTPUT IN MHz AT TP14	LSB REC & XMT VCO OUTPUT IN MHz AT TP14
	PINS										
	21	20	18	17	16	15	14	13			
1	0	1	0	1	0	0	0	1	34.765	34.7675	34.7625
2	0	1	0	1	0	0	1	0	34.775	34.7775	34.7725
3	0	1	0	1	0	0	1	1	34.785	34.7875	34.7825
4	0	1	0	1	0	1	0	1	34.805	34.8075	34.8025
5	0	1	0	1	0	1	1	0	34.815	34.8175	34.8125
6	0	1	0	1	0	1	1	1	34.825	34.8275	34.8225
7	0	1	0	1	1	0	0	0	34.835	34.8375	34.8325
8	1	0	0	0	0	0	0	0	34.855	34.8575	34.8525
9	1	0	0	0	0	0	0	1	34.865	34.8675	34.8625
10	1	0	0	0	0	0	1	0	34.875	34.8775	34.8725
11	1	0	0	0	0	0	1	1	34.885	34.8875	34.8825
12	1	0	0	0	0	1	0	1	34.905	34.9075	34.9025
13	1	0	0	0	0	1	1	0	34.915	34.9175	34.9125
14	1	0	0	0	0	1	1	1	34.925	34.9275	34.9225
15	1	0	0	0	1	0	0	0	34.935	34.9375	34.9325
16	1	0	0	1	0	0	0	0	34.955	34.9575	34.9525
17	1	0	0	1	0	0	0	1	34.965	34.9675	34.9625
18	1	0	0	1	0	0	1	0	34.975	34.9775	34.9725
19	1	0	0	1	0	0	1	1	34.985	34.9875	34.9825
20	1	0	0	1	0	1	0	1	35.005	35.0075	35.0025
21	1	0	0	1	0	1	1	0	35.015	35.0175	35.0125
22	1	0	0	1	0	1	1	1	35.025	35.0275	35.0225
23	1	0	1	0	0	0	0	0	35.055	35.0575	35.0525
24	1	0	0	1	1	0	0	0	35.035	35.0375	35.0325
25	1	0	0	1	1	0	0	1	35.045	35.0475	35.0425
26	1	0	1	0	0	0	0	1	35.065	35.0675	35.0625
27	1	0	1	0	0	0	1	0	35.075	35.0775	35.0725
28	1	0	1	0	0	0	1	1	35.085	35.0875	35.0825
29	1	0	1	0	0	1	0	0	35.095	35.0975	35.0925
30	1	0	1	0	0	1	0	1	35.105	35.1075	35.1025
31	1	0	1	0	0	1	1	0	35.115	35.1175	35.1125
32	1	0	1	0	0	1	1	1	35.125	35.1275	35.1225
33	1	0	1	0	1	0	0	0	35.135	35.1375	35.1325
34	1	0	1	0	1	0	0	1	35.145	35.1475	35.1425
35	1	0	1	1	0	0	0	0	35.155	35.1575	35.1525
36	1	0	1	1	0	0	0	1	35.165	35.1675	35.1625
37	1	0	1	1	0	0	1	0	35.175	35.1775	35.1725
38	1	0	1	1	0	0	1	1	35.185	35.1875	35.1825
39	1	0	1	1	0	1	0	0	35.195	35.1975	35.1925
40	1	0	1	1	0	1	0	1	35.205	35.2075	35.2025

FANON MODEL FANFARE 350F



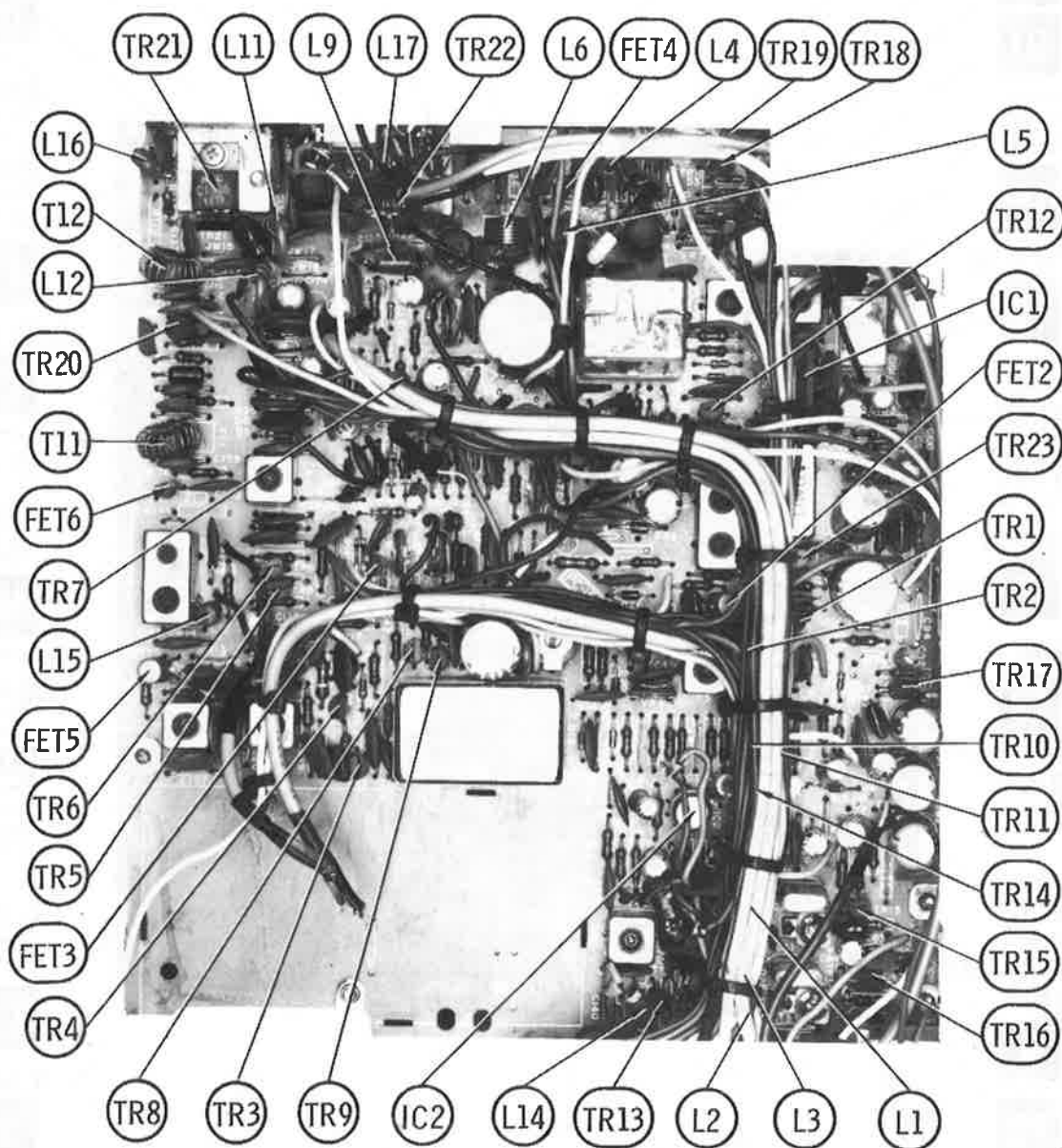


CHASSIS-BOTTOM

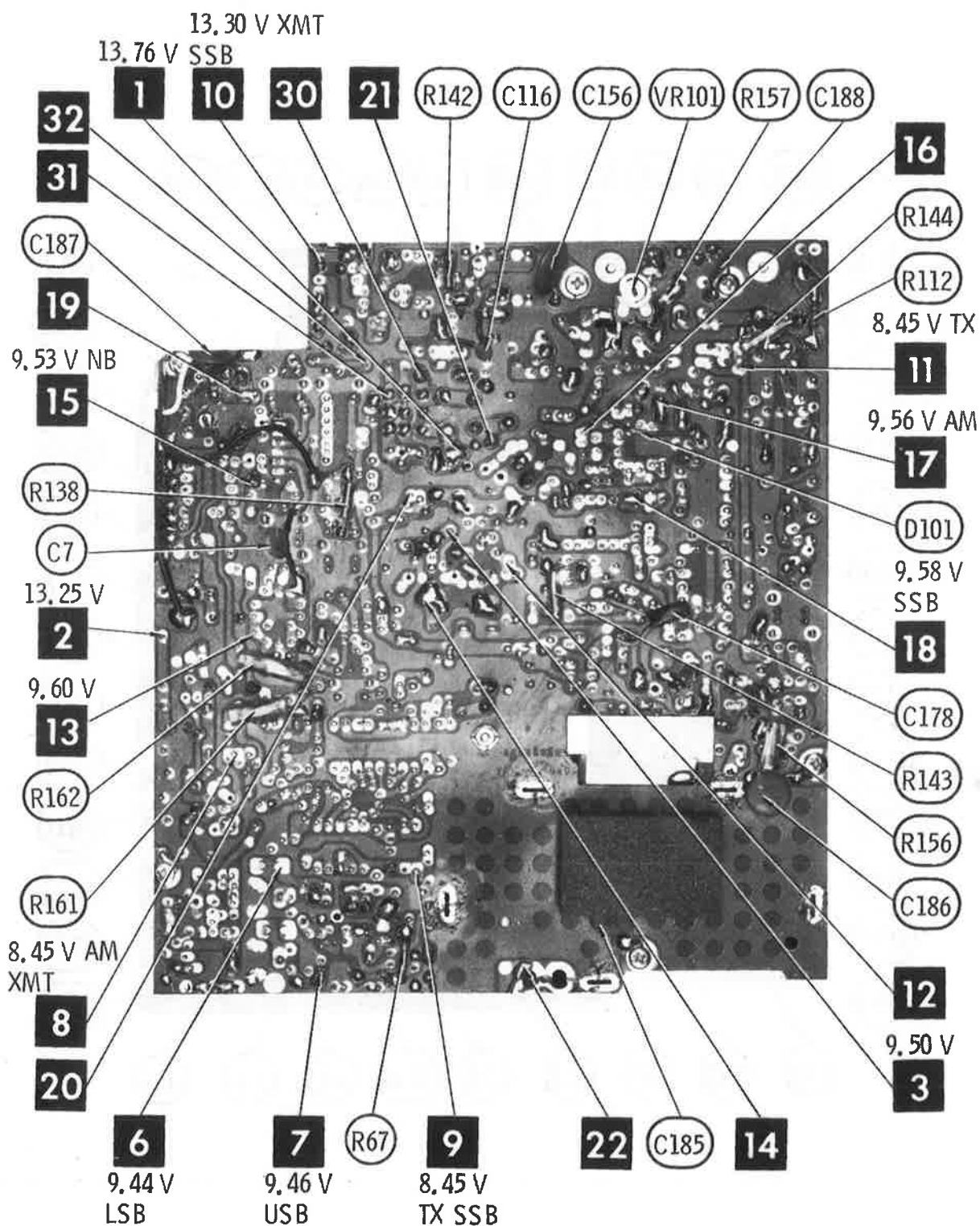


FET2, TR2, TR8, TR23
 ESE mtd. last pin

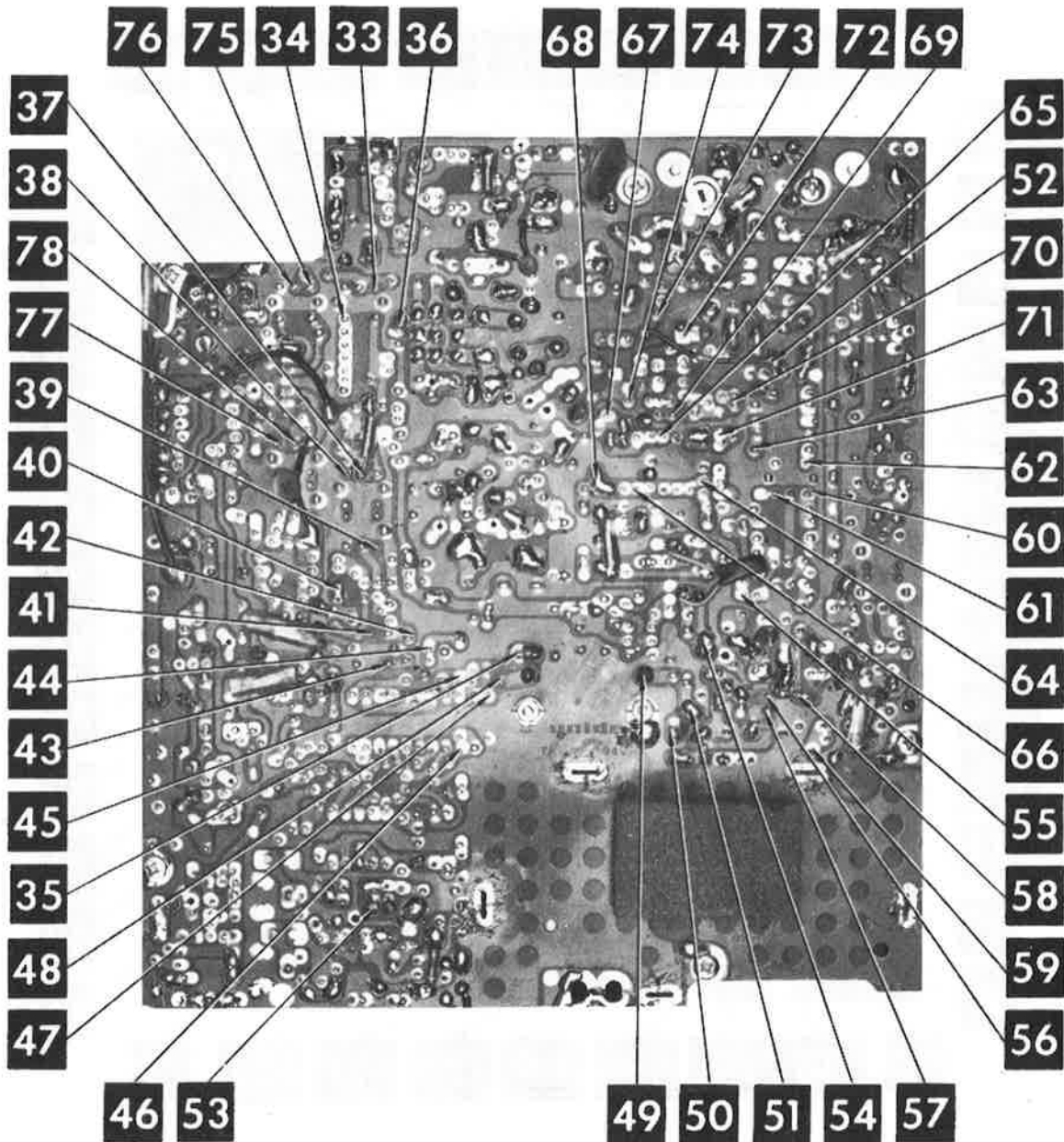
MAIN BOARD



MAIN BOARD

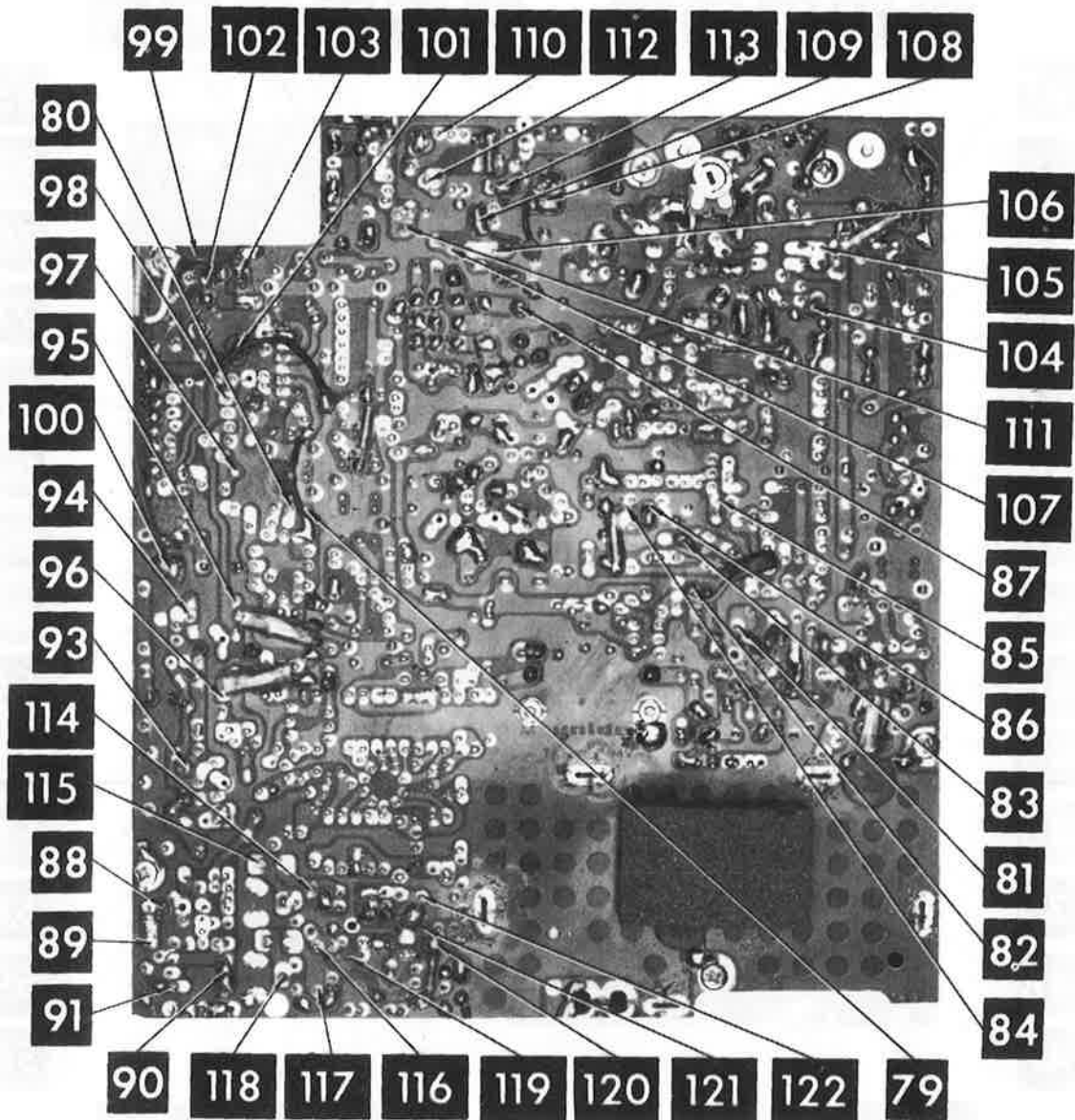


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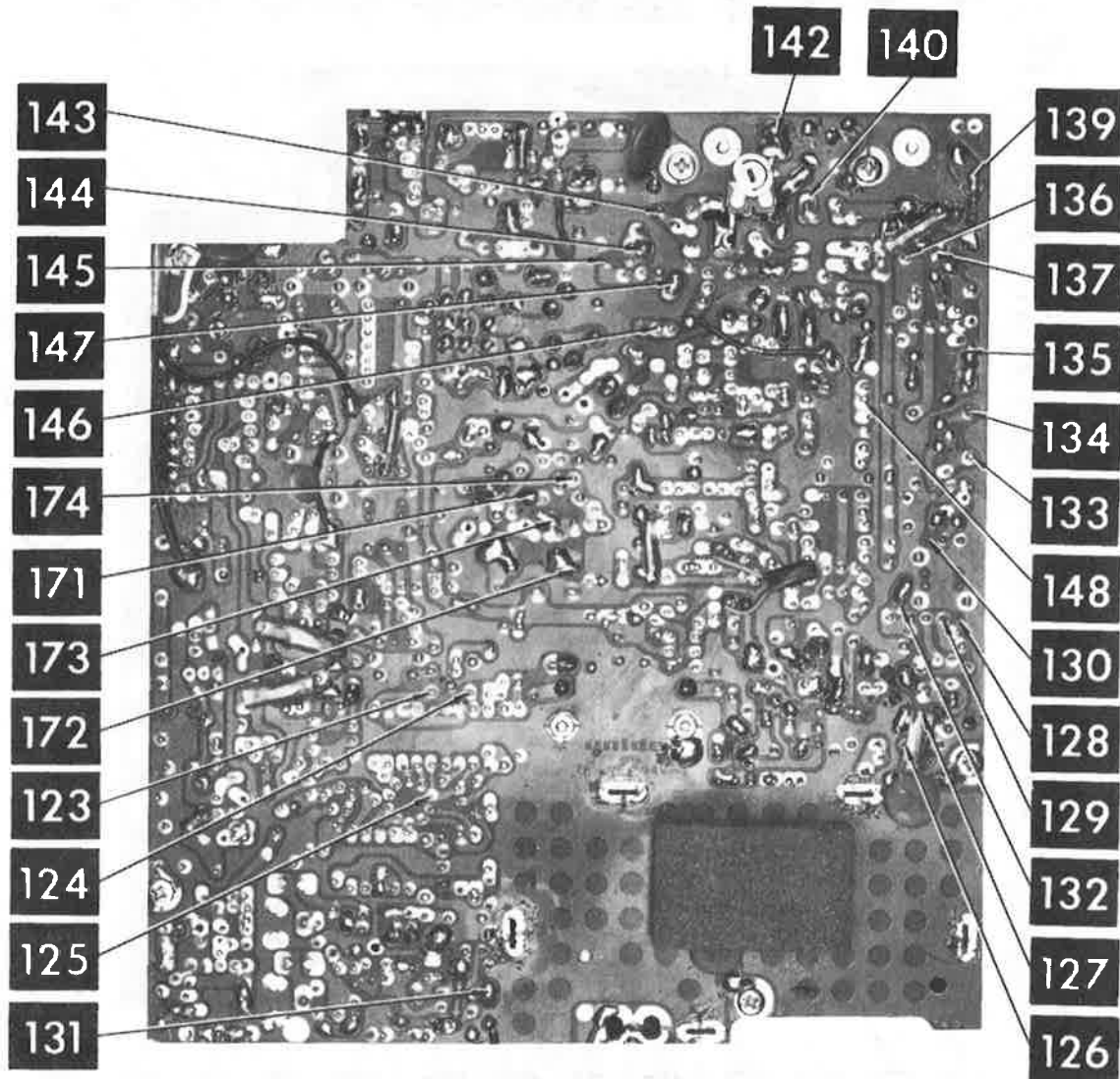


FANON MODEL FANFARE 350F

MAIN BOARD

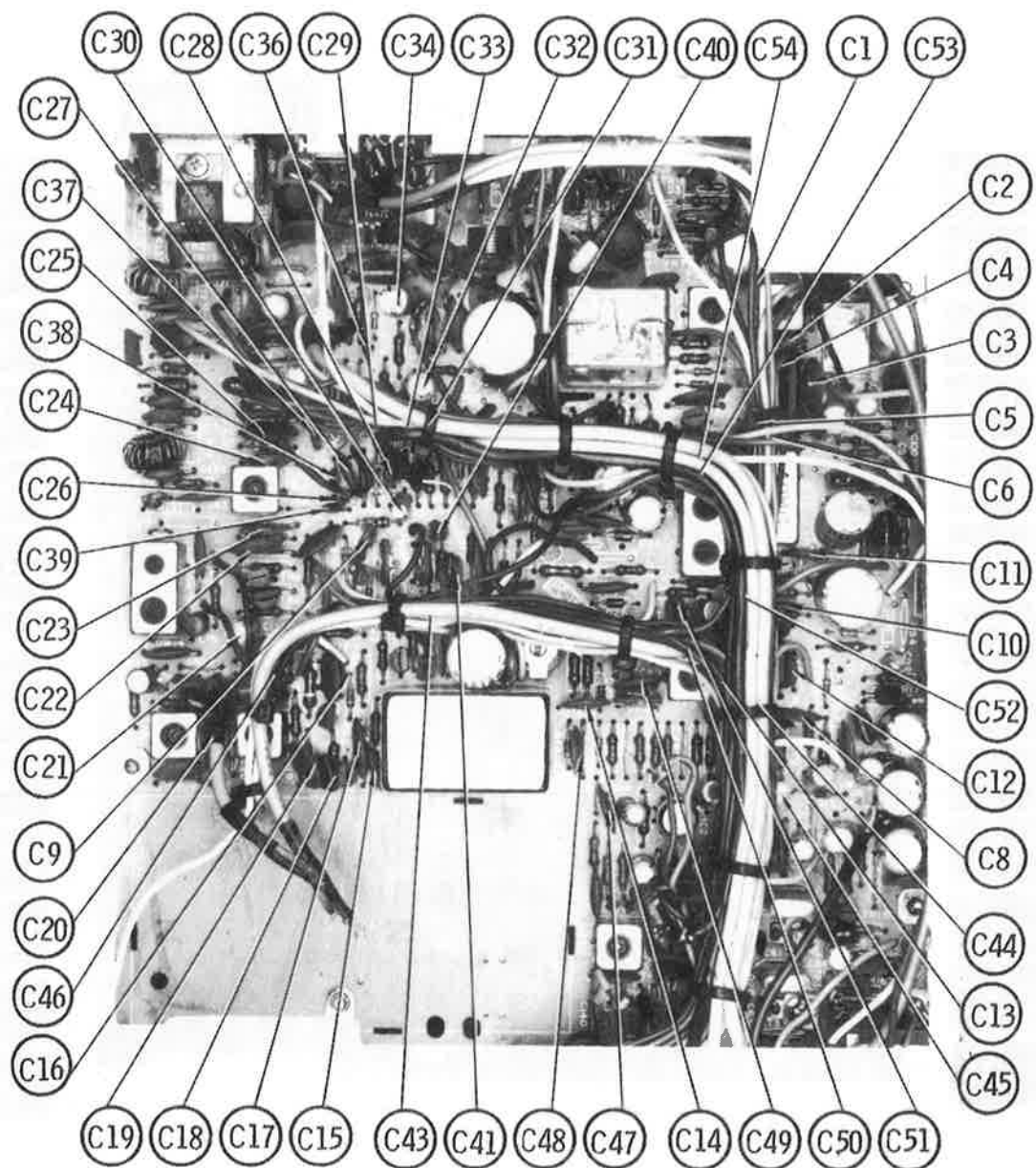


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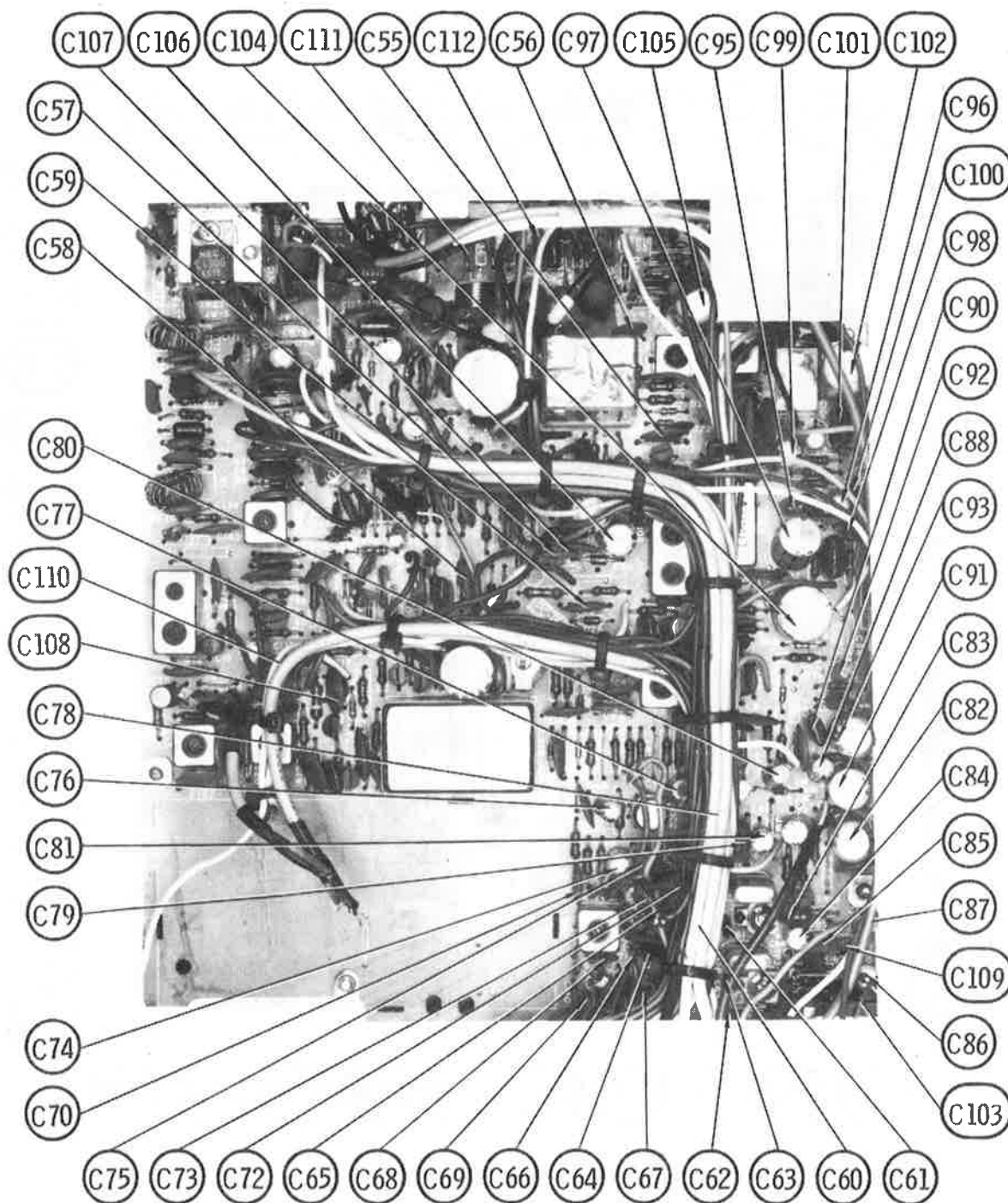


FANON MODEL FANFARE 350F

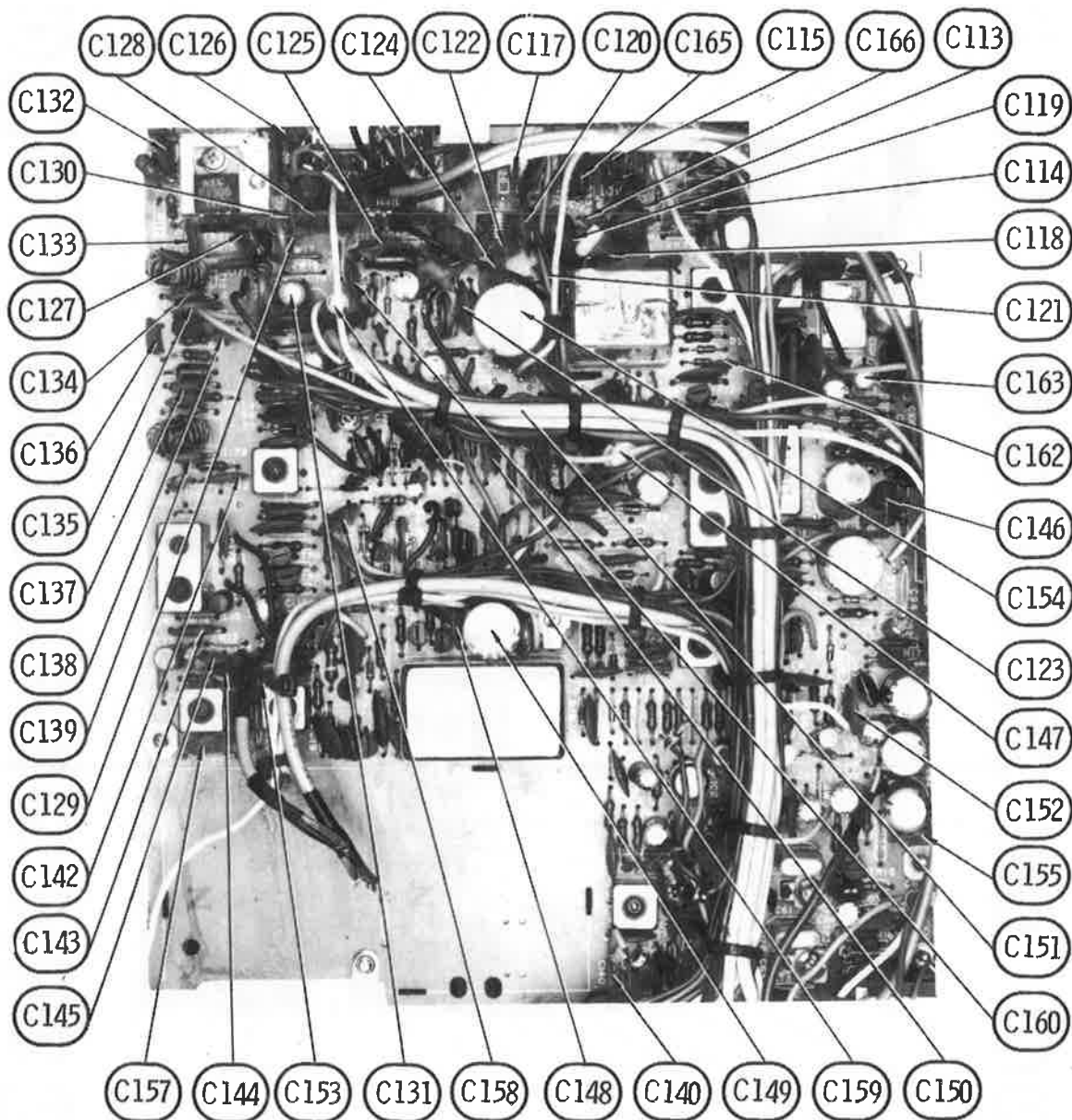
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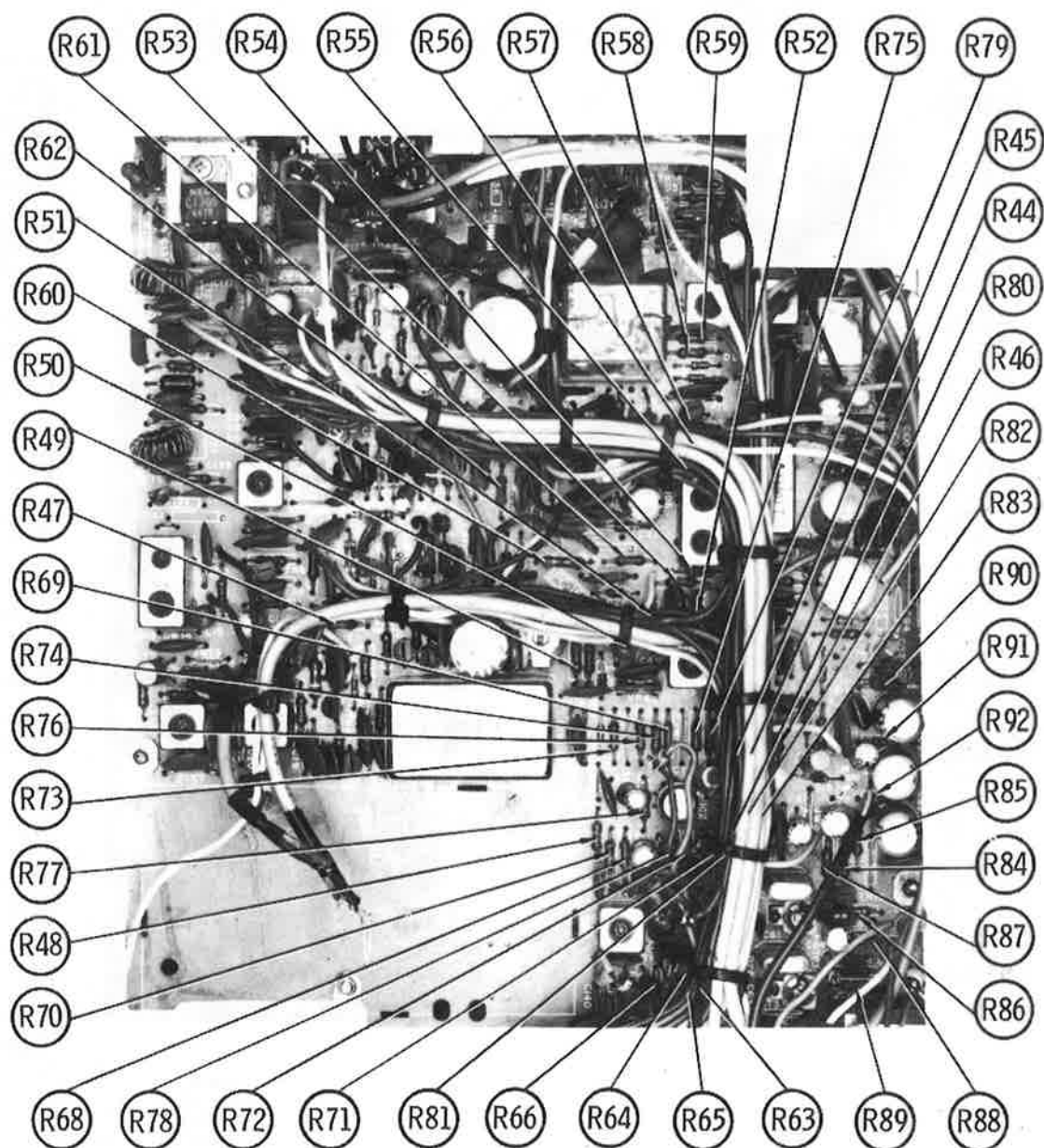
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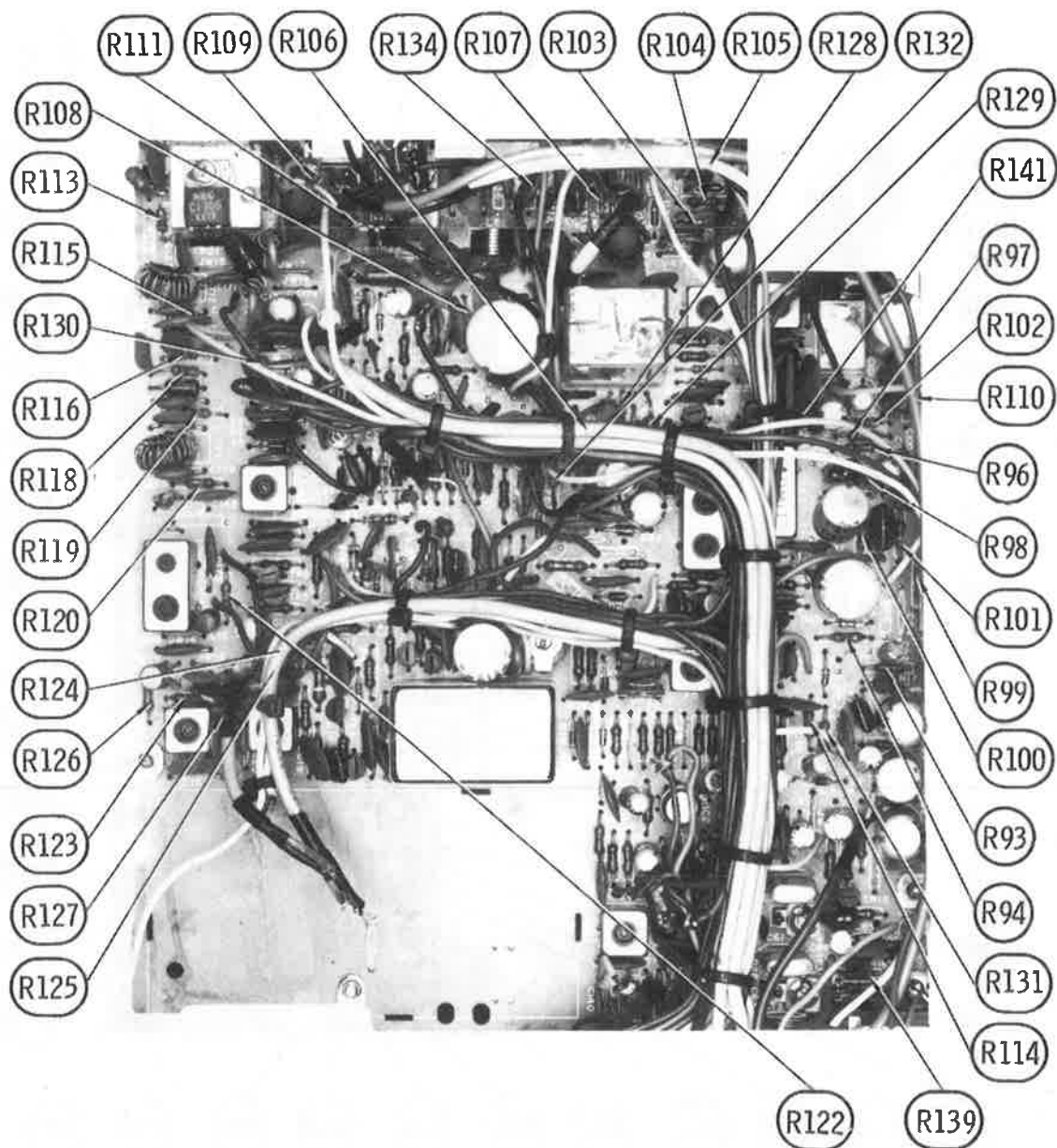
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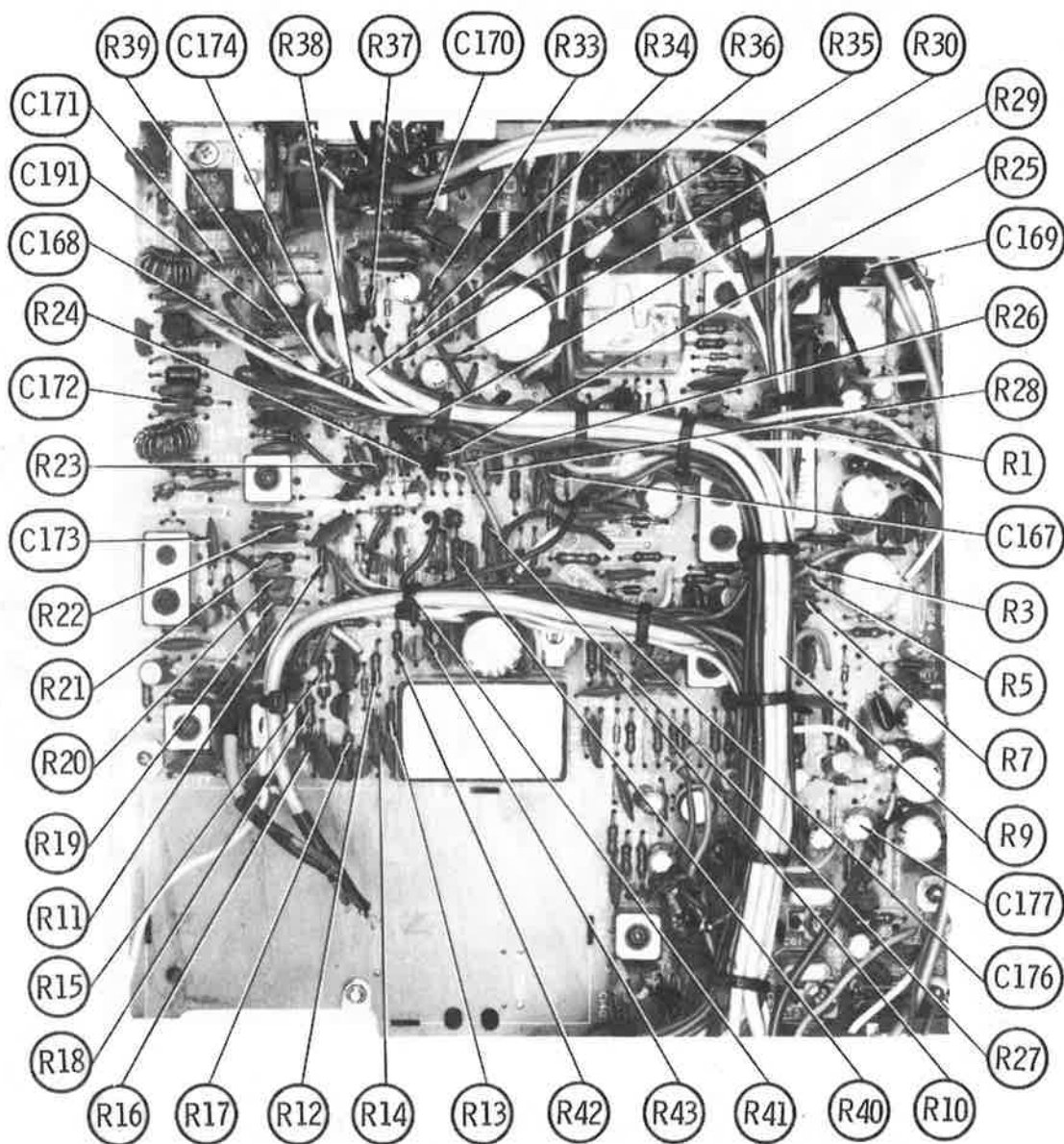
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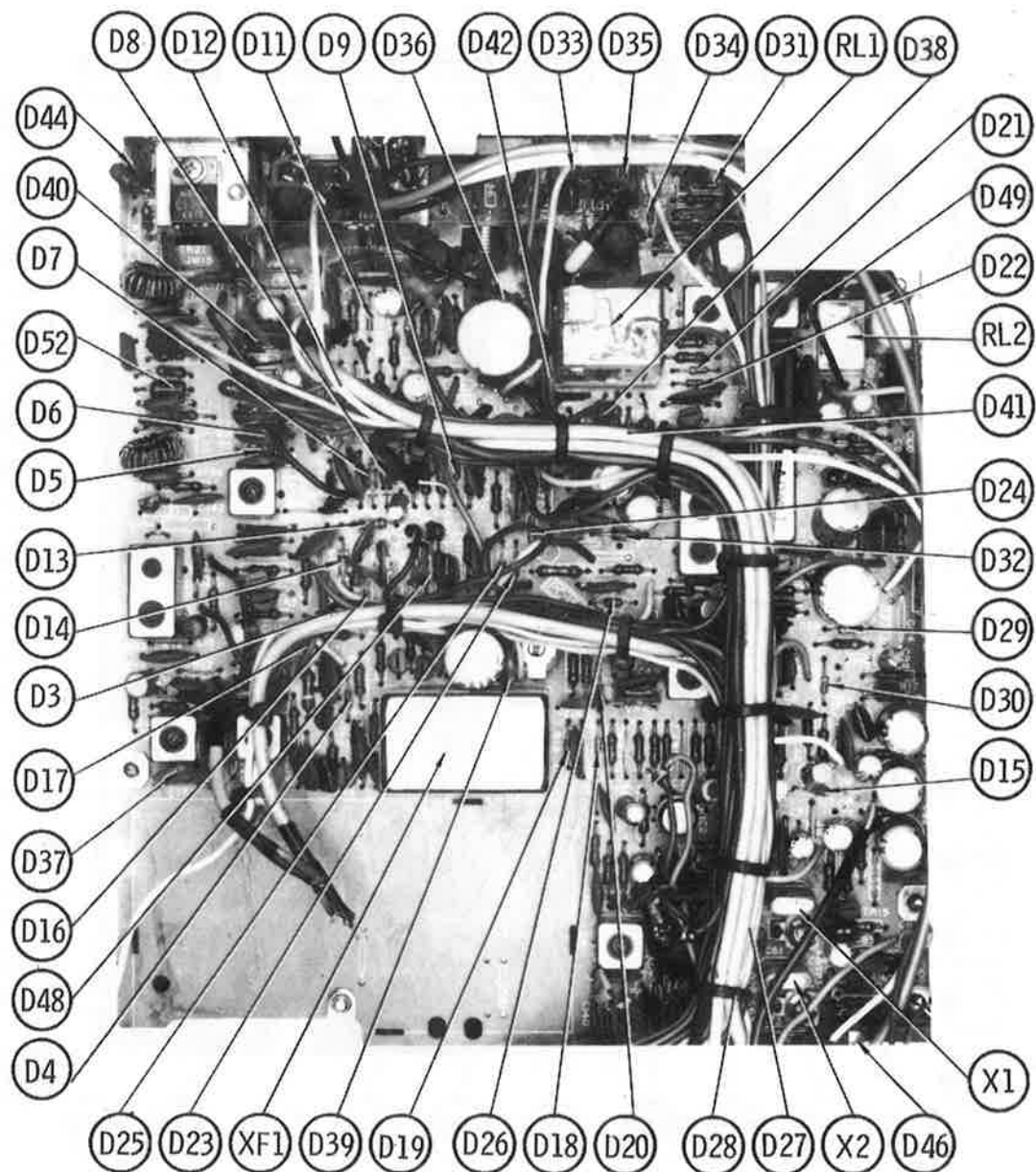
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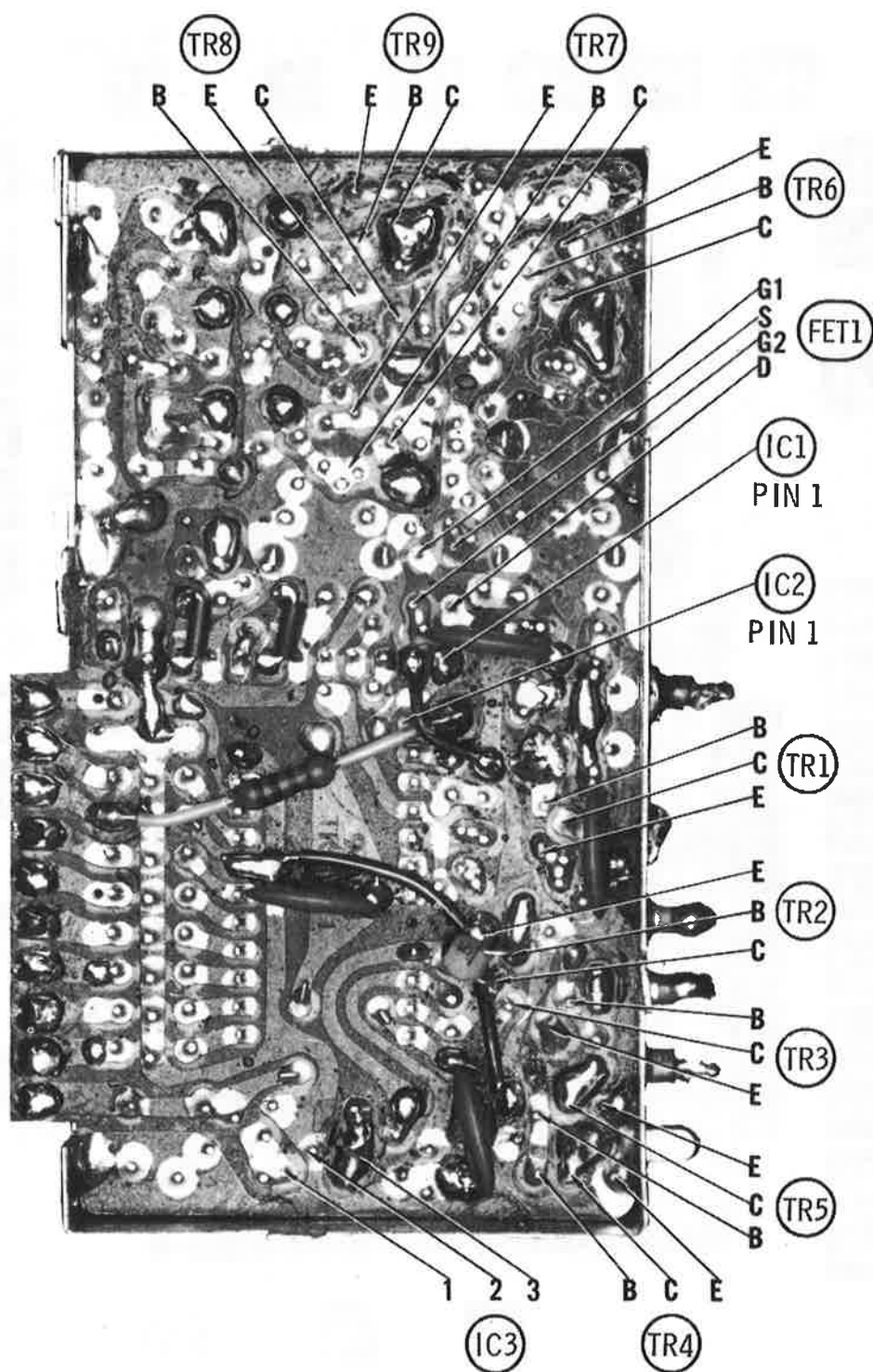
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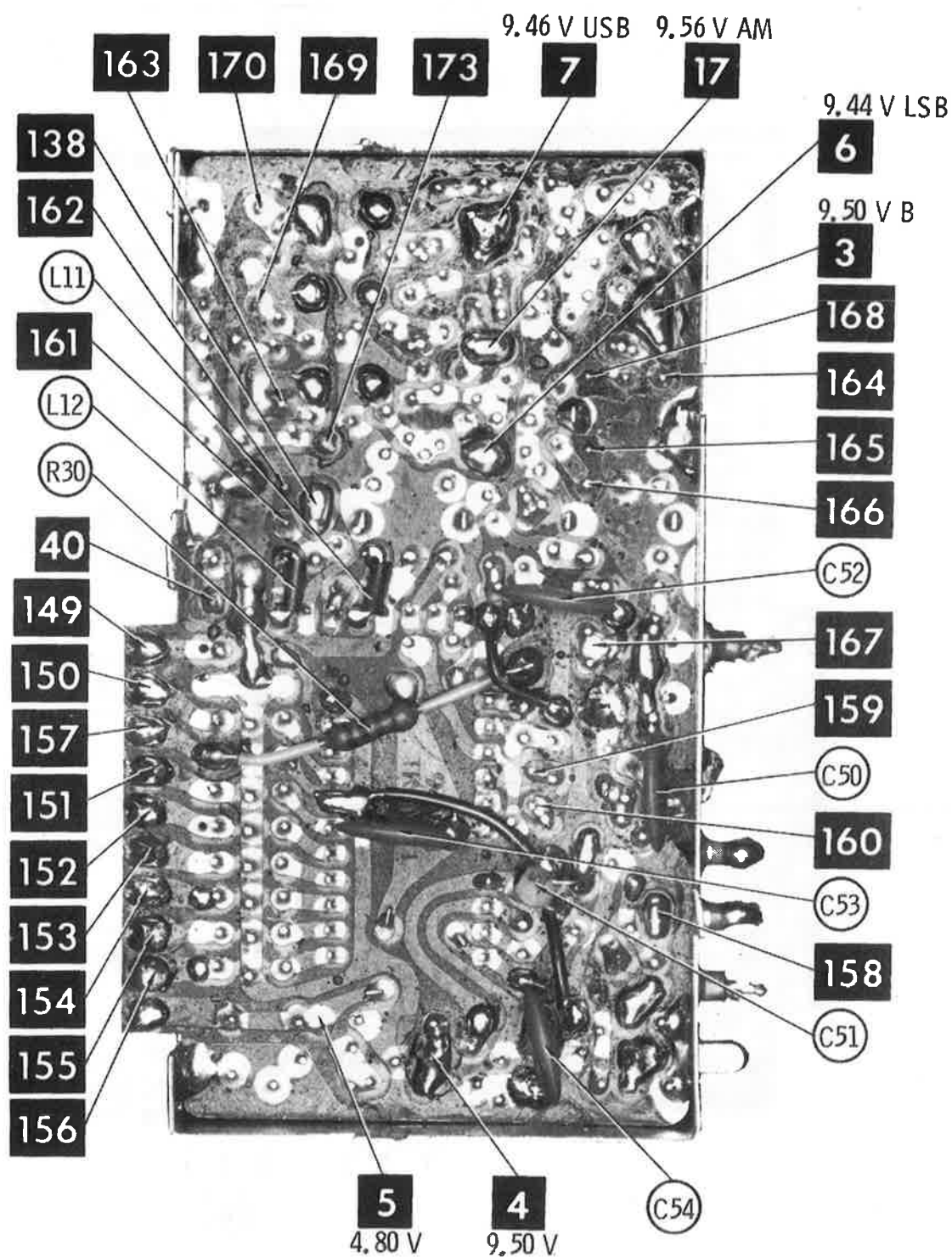
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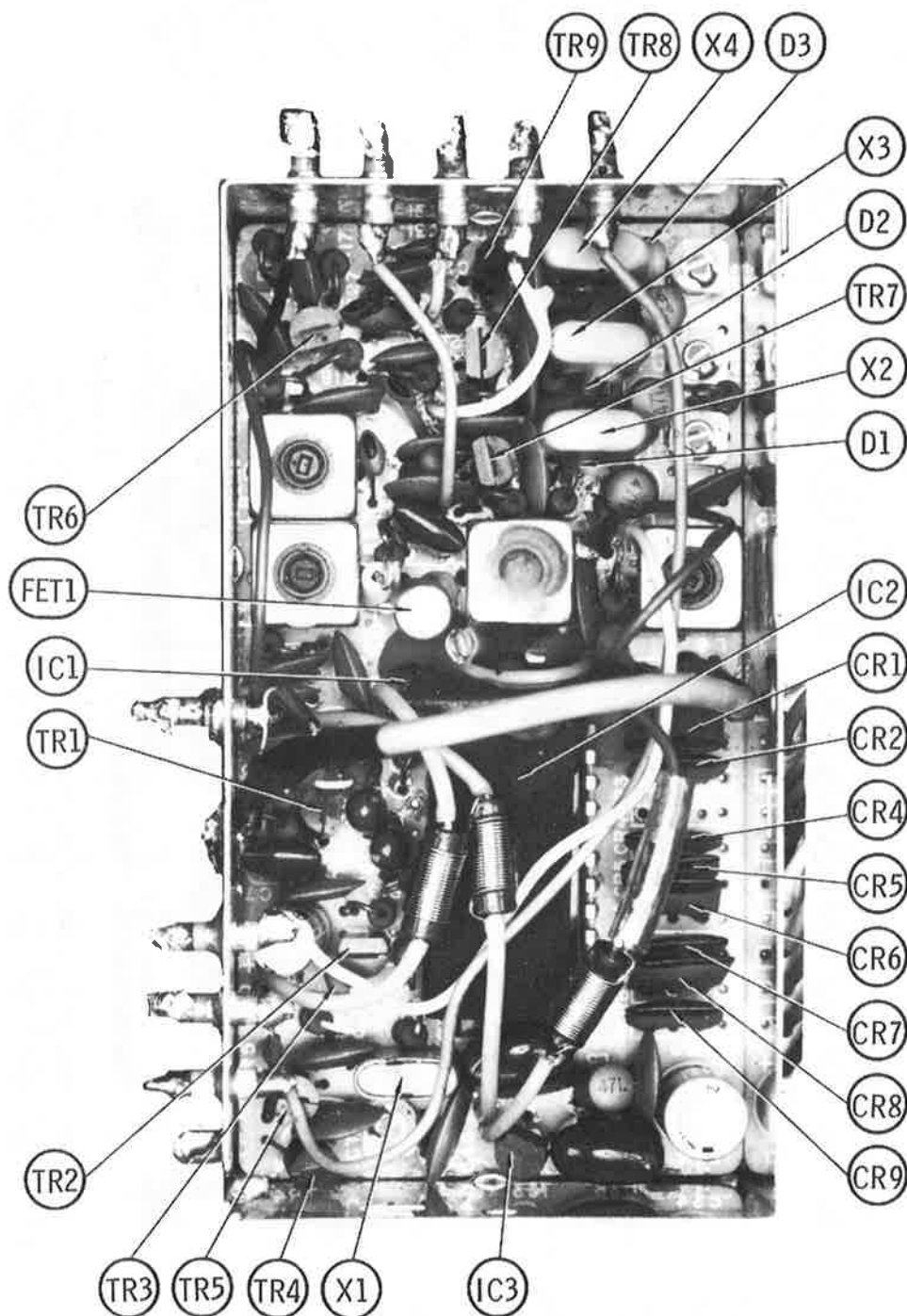
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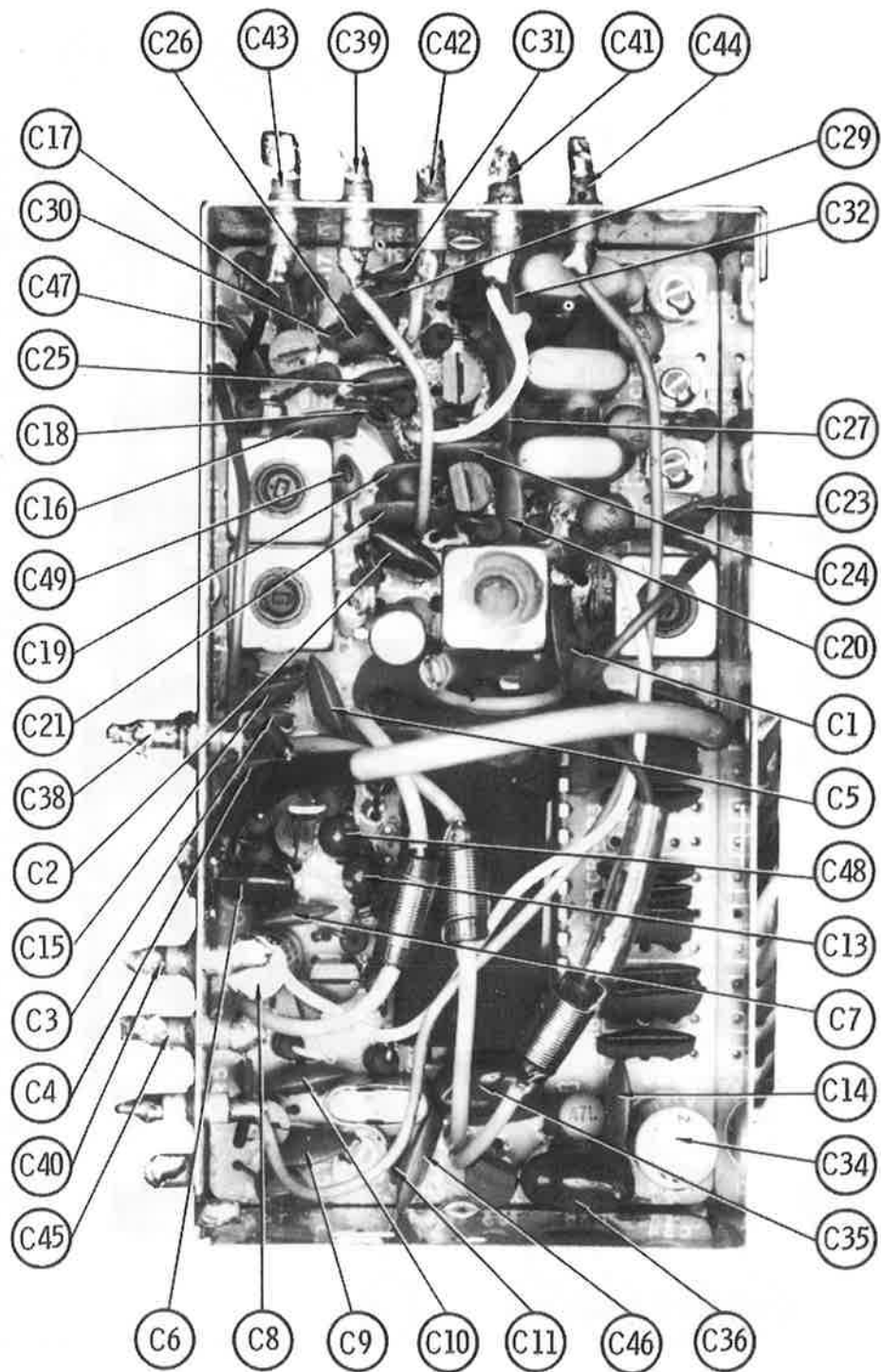
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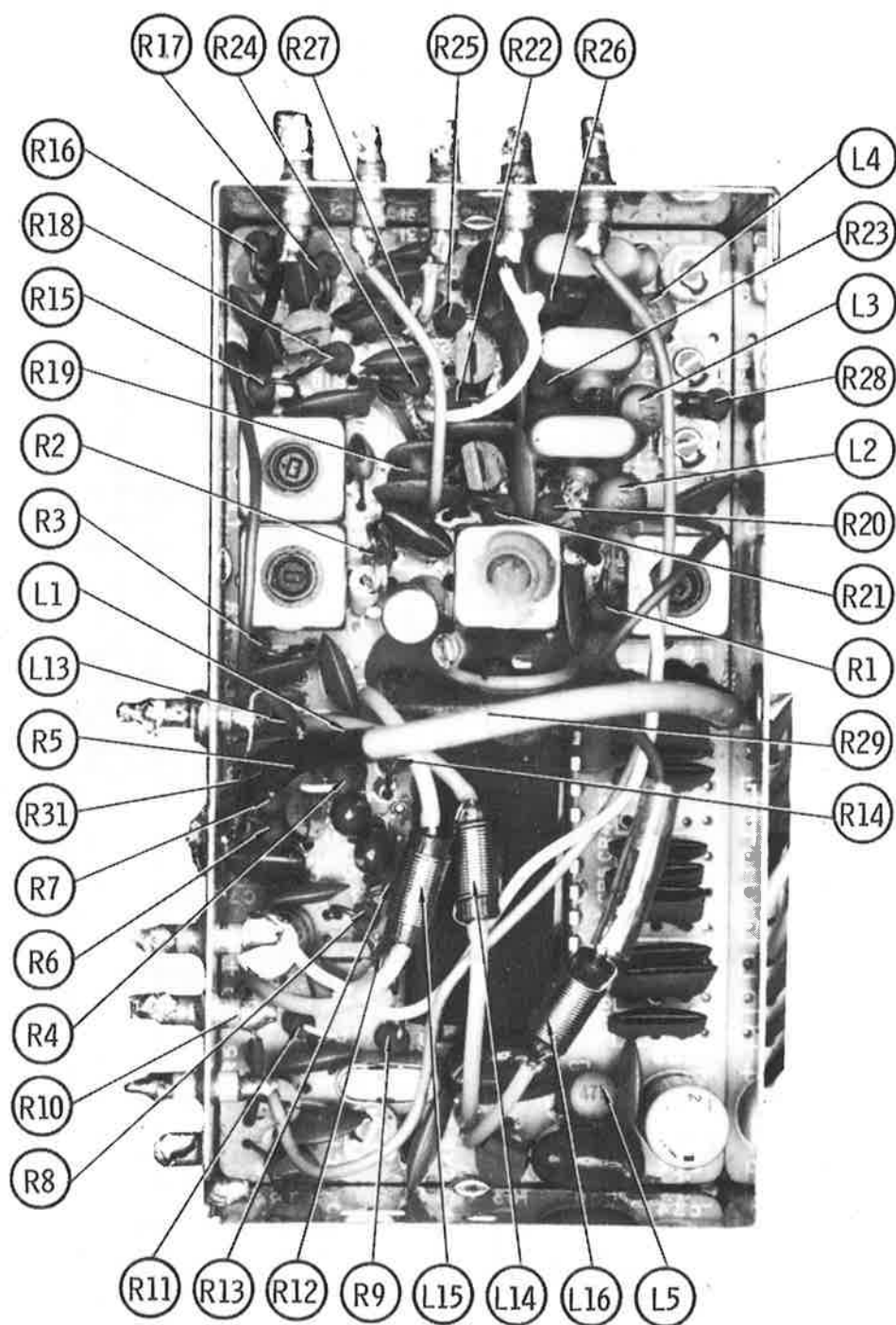
PLL BOARD



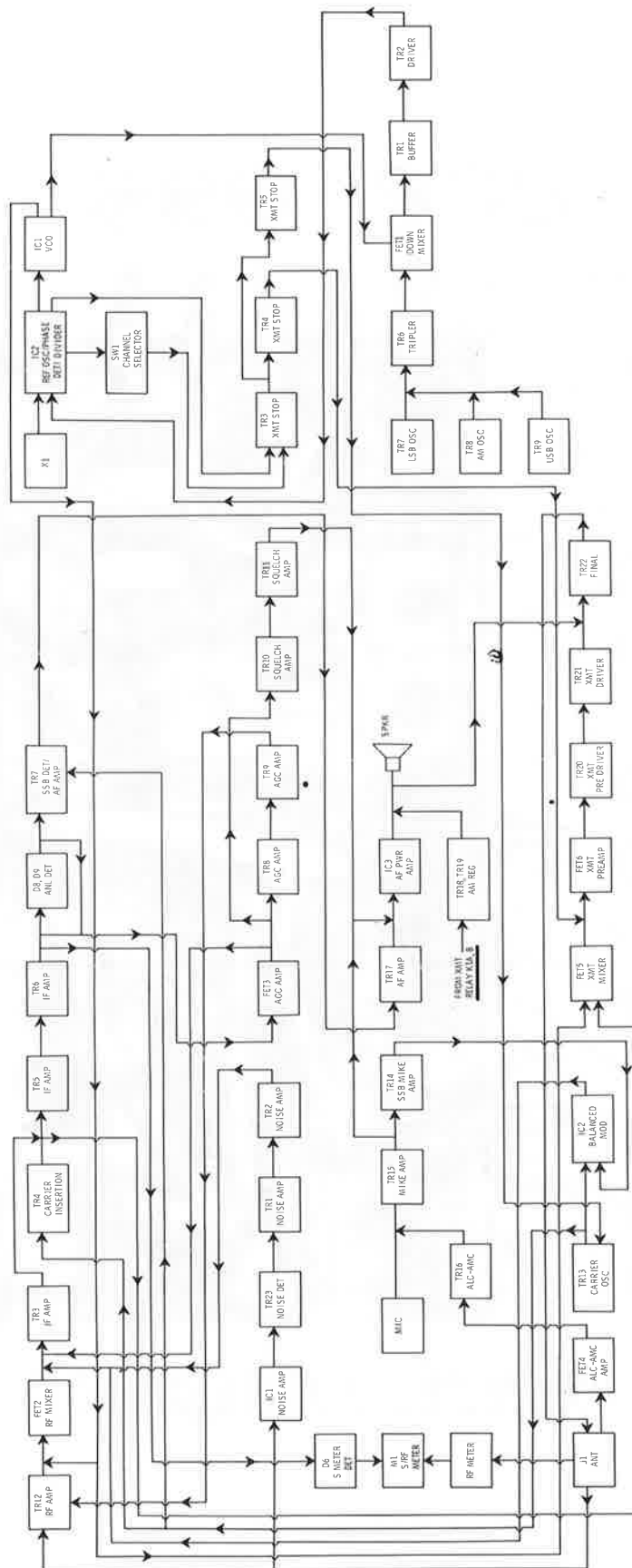
PLL BOARD



PLL BOARD



PLL BOARD



BLOCK DIAGRAM

PARTS LIST AND DESCRIPTION

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

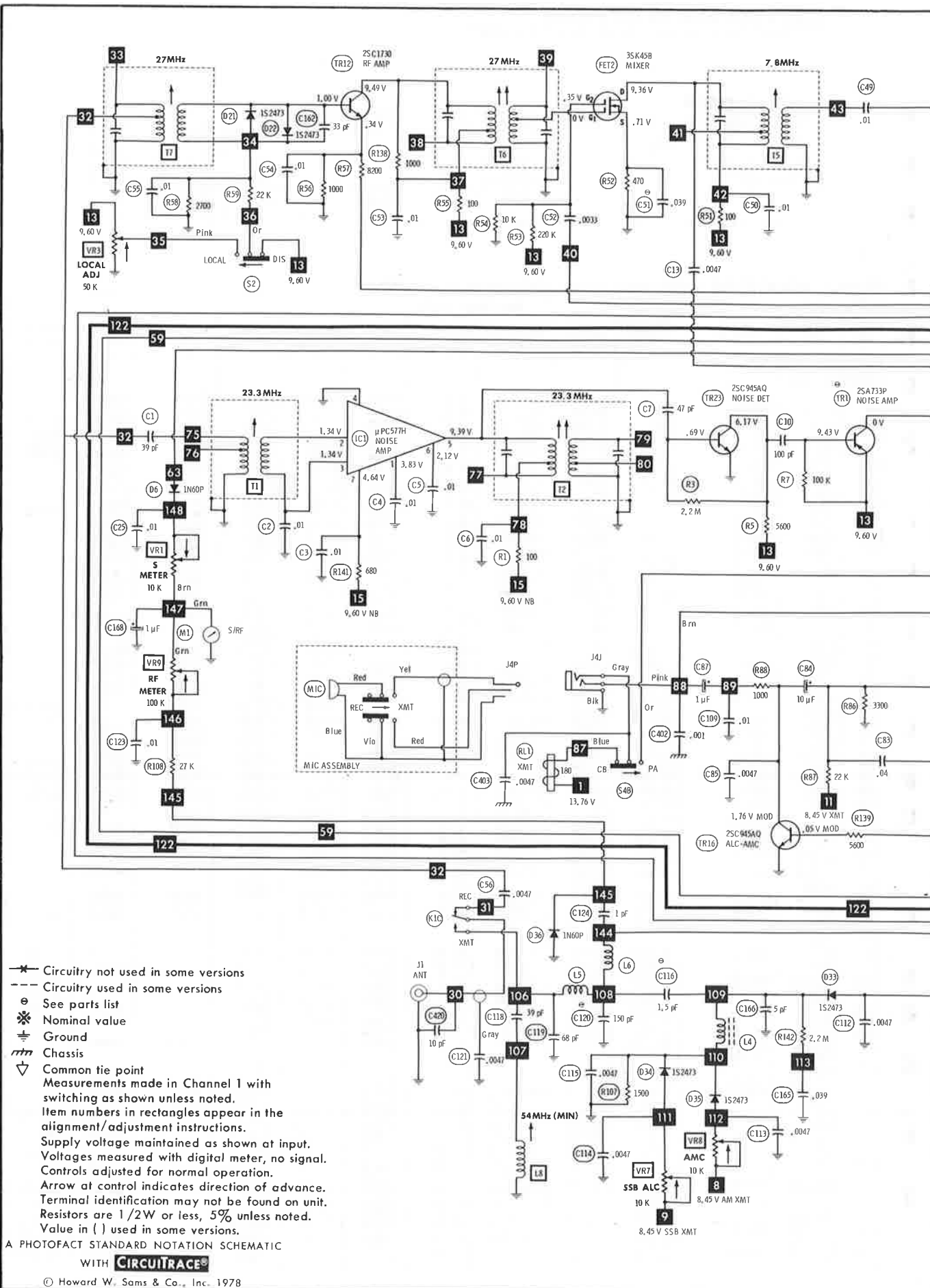
WIRING DATA

General-use Hook-up Wire (available in 5 colors)	BELDEN No. 8523	Coiled Microphone Cable	
Shielded Hook-up Wire (spiral wrapped)	BELDEN No. 8421	3-conductor (1 shielded)	23AWG BELDEN No. 9471 (5')
(braided)	BELDEN No. 8401		BELDEN No. 8497 (6')
Speaker Cable (available in 4 colors)	BELDEN No. 8782		BELDEN No. 9472 (7-1/2')
Bonding Strap	BELDEN No. 8672	28AWG BELDEN No. 9466 (6')	
AC Power Cord	(6') BELDEN No. 17106	31AWG BELDEN No. 9468 (10')	
	(9') BELDEN No. 17109	4-conductor (unshielded) 23AWG BELDEN No. 8415 (6')	
		5-conductor (1 shielded) 28AWG BELDEN No. 9467 (6')	
			BELDEN No. 9465 (7-1/2')

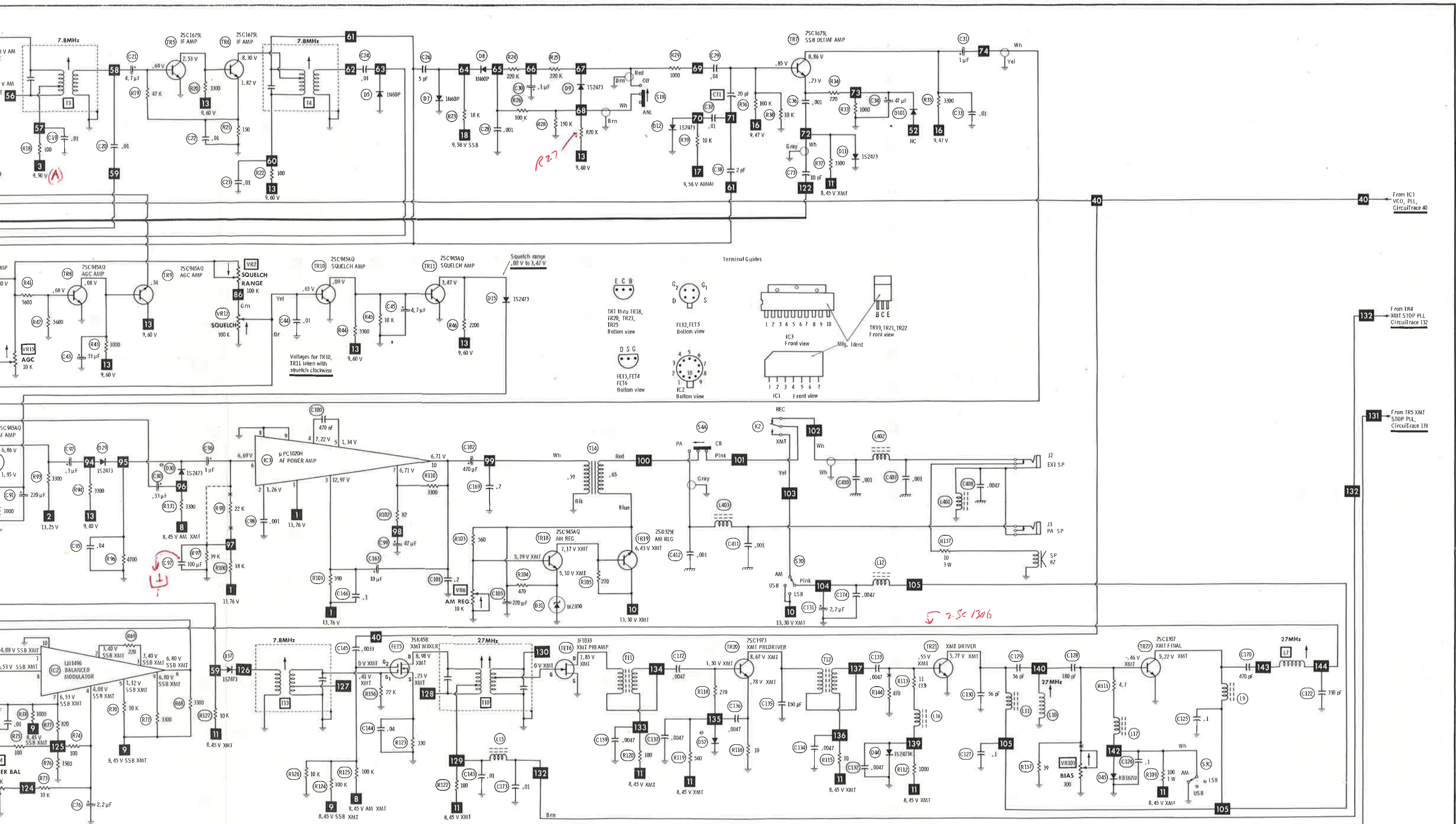
SEMICONDUCTORS (Select replacement transistor for best results)

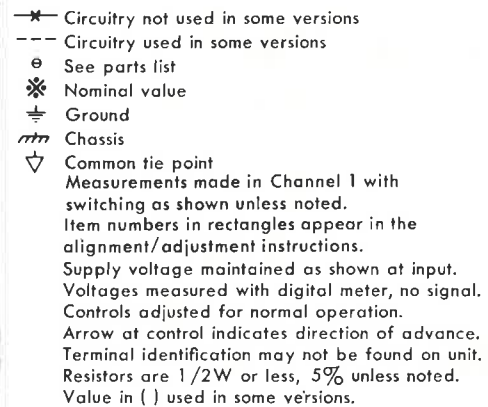
ITEM No.	TYPE No.	MFR. PART No.	REPLACEMENT DATA									
			GENERAL ELECTRIC PART No.	MALLORY PART No.	MOTOROLA PART No.	RAYTHEON PART No.	RCA PART No.	SPRAGUE PART No.	SYLVANIA PART No.	THORDARSON PART No.	WORKMAN PART No.	ZENITH PART No.
MAIN BOARD												
D3	1S2473	1042-15	GE-514	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG519	1N4148	WEP925	ZEN-430
D4	1S2473	1042-15	GE-514	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG519	1N4148	WEP925	
D5	1N60P	1042-13	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109	1N60	WEP134	
D6	1N60P	1042-13	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109	1N60	WEP134	
D7	1N60P	1042-13	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109	1N60	WEP134	ZEN-430
D8	1N60P	1042-13	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109	1N60	WEP134	ZEN-430
D9	1S2473	1042-15	GE-514	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG519	1N4148	WEP925	ZEN-430
D11	1S2473	1042-15	GE-514	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG519	1N4148	WEP925	
D12	1S2473	1042-15	GE-514	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG519	1N4148	WEP925	
D13	1N60P	1042-13	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109	1N60	WEP134	
D14	1N60P	1042-13	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109	1N60	WEP134	ZEN-430
D15	1S2473	1042-15	GE-514	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG519	1N4148	WEP925	ZEN-430
D16	1S2473	1042-15	GE-514	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG519	1N4148	WEP925	
D17	1S2473	1042-15	GE-514	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG519	1N4148	WEP925	
D18	1S2473	1042-15	GE-514	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG519	1N4148	WEP925	
D19	1S2473	1042-15	GE-514	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG519	1N4148	WEP925	ZEN-430
D20	1S2473	1042-15	GE-514	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG519	1N4148	WEP925	
D21	1S2473	1042-15	GE-514	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG519	1N4148	WEP925	
D22	1S2473	1042-15	GE-514	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG519	1N4148	WEP925	
D23	1S2473	1042-15	GE-514	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG519	1N4148	WEP925	ZEN-430
D24	1S2473	1042-15	GE-514	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG519	1N4148	WEP925	
D25	WZ061			ZM68		RE 108			ECG5012		WEP1413	
D26	WZ071		GEZD-7.5	ZM7.5B		RE 111		RT-239	ECG5015	1N4737A	WEP1416	
D27	1S2473	1042-15	GE-514	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG519	1N4148	WEP925	ZEN-430
D28	1S2473	1042-15	GE-514	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG519	1N4148	WEP925	
D29	1S2473	1042-15	GE-514	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG519	1N4148	WEP925	
D30	1S2473	1042-15	GE-514	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG519	1N4148	WEP925	
D31	WZ050		GEZD-5.1	ZM5.1B		RE 114	SK3060	RT-235	ECG5010	1N4733A	WEP1411	103-279-10
D32	CZ092	1042-18	GEZD-9.1	ZB9.1A	HEPZ0412	RE 114	SK3060	RT-240	ECG139	1N4739A	WEP1109	103-272
D33	1S2473	1042-15	GE-514	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG519	1N4148	WEP925	ZEN-430
D34	1S2473	1042-15	GE-514	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG519	1N4148	WEP925	
D35	1S2473	1042-15	GE-514	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG519	1N4148	WEP925	
D36	1N60P	1042-13	1N60	PTC206	HEPR9135	RE 47	SK3088	RT-263	ECG109	1N60	WEP134	
D37	1S2473	1042-15	GE-514	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG519	1N4148	WEP925	ZEN-430
D38	SR1K2	1042-17	GE-504A	PTC201	HEPR0052	RE 49	SK3030	RT-213	ECG116	1N4004	WEP156	
D39	CZ092	1042-18	GEZD-9.1	ZB9.1A	HEPZ0412	RE 114	SK3060	RT-240	ECG139	1N4739A	WEP1109	
D40	CZ092	1042-18	GEZD-9.1	ZB9.1A	HEPZ0412	RE 114	SK3060	RT-240	ECG139	1N4739A	WEP1109	
D41	SR1K2	1042-17	GE-504A	PTC201	HEPR0052	RE 49	SK3030	RT-213	ECG116	1N4004	WEP156	103-272
D42	SR1K2	1042-17	GE-504A	PTC201	HEPR0052	RE 49	SK3030	RT-213	ECG116	1N4004	WEP156	212-76
D43	1S2473	1042-15	GE-514	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG519	1N4148	WEP925	ZEN-430
D44	1S2473K		GE-300	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177		WEP1062	
	1S2473I	2065-08	GE-300	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177		WEP1062	
D45	KB162W			PTC301		RE 250	SK3463		ECG601			
D46	1S2473	1042-15	GE-514	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG519	1N4148	WEP925	ZEN-430
D48	1S2473	1042-15	GE-514	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG519	1N4148	WEP925	
D49	SR1K2	1042-17	GE-504A	PTC201	HEPR0052	RE 49	SK3030	RT-213	ECG116	1N4004	WEP156	
D52	ESBB-01-1R50											
FET2	3SK45B	2065-55	GE-FET-4	PTC182	HEPF2007	RE 199	SK3065	RT-181	ECG222		WEP905	121-826
	3SK45		GE-FET-4	PTC182	HEPF2007	RE 199	SK3065	RT-181	ECG222		WEP905	121-826
FET3	JF-1033	2056-75	GE-FET-2	PTC161	HEPF0021	RE 45	SK3116	RT-175	ECG312			ZEN-123
FET4	2SK68AM	2058-02	GE-FET-2	PTC161	HEPF0021	RE 45	SK3116	RT-175	ECG312			ZEN-123
	2SK68		GE-FET-2	PTC161	HEPF0021	RE 45	SK3116	RT-175	ECG312			ZEN-123
FET5	3SK45B	2065-55	GE-FET-4	PTC182	HEPF2007	RE 199	SK3065	RT-181	ECG222		WEP905	121-826
	3SK45		GE-FET-4	PTC182	HEPF2007	RE 199	SK3065	RT-181	ECG222		WEP905	121-826
FET6	JF-1033	2056-75	GE-FET-2	PTC161	HEPF0021	RE 45	SK3116	RT-175	ECG312			ZEN-123
IC1	UPC577H	2056-04	GEIC-140			RE 341-M	SK3461		ECG1082	UPC577H	WEP939	
IC2	LM1496H	2056-05							ECG973			
	LM1496								ECG973			
IC3	UPC1020H	2056-06	GEIC-192				SK3243		ECG1160		WEP2258	
TR1	2SA733P	2056-10	GE-48	PTC103*	HEPS0019*	RE 219	SK3138	RT-303	ECG294	2SA733	WEP916	
	2SA733		GE-48	PTC103*	HEPS0019*	RE 219	SK3138	RT-303	ECG294	2SA733	WEP916	
TR2	2SC945AQ	2056-07	GE-212	PTC121*	HEPS0015*	RE 192	SK3124	RT-107A	ECG199	2SC945	WEP1945	121-29000
	2SC945		GE-212	PTC121*	HEPS0015*	RE 192	SK3124	RT-107A	ECG199	2SC945	WEP1945	121-29000
TR3	2SC1675L	2046-03	GE-213	PTC139*	HEPS0025*	RE 13*	SK3124	RT-308	ECG229*		WEP956*	ZEN-127
	2SC1675		GE-213	PTC139*	HEPS0025*	RE 13*	SK3124	RT-308	ECG229*		WEP956*	ZEN-127
TR4	2SC1675L	2046-03	GE-213	PTC139*	HEPS0025*	RE 13*	SK3124	RT-308	ECG229*		WEP956*	ZEN-127
	2SC1675		GE-213	PTC139*	HEPS0025*	RE 13*	SK3124	RT-308	ECG229*		WEP956*	ZEN-127
TR5	2SC1675L	2046-03	GE-213	PTC139*	HEPS0025*	RE 13*	SK3124	RT-308	ECG229*		WEP956*	ZEN-127
	2SC1675		GE-213	PTC139*	HEPS0025*	RE 13*	SK3124	RT-308	ECG229*		WEP956*	ZEN-127
TR6	2SC1675L	2046-03	GE-213	PTC139*	HEPS0025*	RE 13*	SK3124	RT-308	ECG229*		WEP956*	ZEN-127
	2SC1675		GE-213	PTC139*	HEPS0025*	RE 13*	SK3124	RT-308	ECG229*		WEP956*	ZEN-127
TR7	2SC1675L	2046-03	GE-213	PTC139*	HEPS0025*	RE 13*	SK3124	RT-308	ECG229*		WEP956*	ZEN-127
	2SC1675		GE-213	PTC139*	HEPS0025*	RE 13*	SK3124	RT-308	ECG229*		WEP956*	ZEN-127
TR8	2SC945AP	2056-07	GE-212	PTC121*	HEPS0015*	RE 192	SK3124	RT-107A	ECG199	2SC945	WEP1945	121-29000
	2SC945		GE-212	PTC121*	HEPS0015*	RE 192	SK3124	RT-107A	ECG199	2SC945	WEP1945	121-29000

FANON MODEL FANFARE 350F



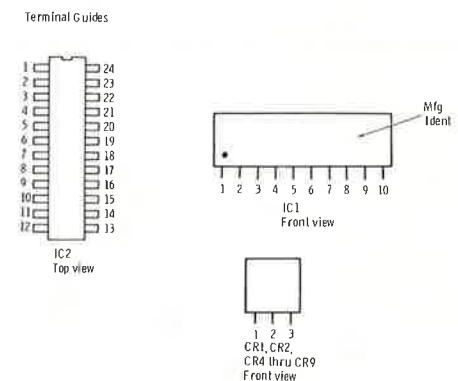
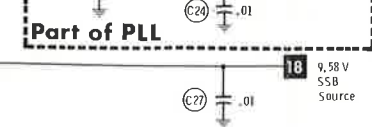






WITH **CIRCUITRACE**
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PARTS LIST AND DESCRIPTION (CONTINUED)

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

SEMICONDUCTORS (Select replacement transistor for best results) (cont)

REPLACEMENT DATA												
ITEM No.	TYPE No.	MFG. PART No.	GENERAL ELECTRIC PART No.	MALLORY PART No.	MOTOROLA PART No.	RAYTHEON PART No.	RCA PART No.	SPRAGUE PART No.	SYLVANIA PART No.	THORDARSON PART No.	WORKMAN PART No.	ZENITH PART No.
TR9	2SC945AQ 2SC945	2056-07	GE-212	PTC121*	HEPS0015*	RE 192	SK3124	RT-107A	ECG199	2SC945	WEP1945	121-29000
TR10	2SC945AQ 2SC945	2056-07	GE-212	PTC121*	HEPS0015*	RE 192	SK3124	RT-107A	ECG199	2SC945	WEP1945	121-29000
TR11	2SC945AQ 2SC945	2056-07	GE-212	PTC121*	HEPS0015*	RE 192	SK3124	RT-107A	ECG199	2SC945	WEP1945	121-29000
TR12	2SC1730L 2SC1730	2056-08	GE-17*	PTC136*	HEPS0025*	RE 9	SK3018*	RT-107A	ECG107	2SC945	WEP1945	121-29000
TR13	2SC1675L 2SC1675	2046-03	GE-213	PTC139*	HEPS0025*	RE 13*	SK3124	RT-308	ECG229*	2SC945	WEP1945	121-29000
TR14	2SC945AQ 2SC945	2056-07	GE-212	PTC121*	HEPS0015*	RE 192	SK3124	RT-107A	ECG199	2SC945	WEP1945	121-29000
TR15	2SC945AQ 2SC945	2056-07	GE-212	PTC121*	HEPS0015*	RE 192	SK3124	RT-107A	ECG199	2SC945	WEP1945	121-29000
TR16	2SC945AQ 2SC945	2056-07	GE-212	PTC121*	HEPS0015*	RE 192	SK3124	RT-107A	ECG199	2SC945	WEP1945	121-29000
TR17	2SC945AQ 2SC945	2056-07	GE-212	PTC121*	HEPS0015*	RE 192	SK3124	RT-107A	ECG199	2SC945	WEP1945	121-29000
TR18	2SC945AQ 2SC945	2056-07	GE-212	PTC121*	HEPS0015*	RE 192	SK3124	RT-107A	ECG199	2SC945	WEP1945	121-29000
TR19	2SD325E 2SD325	2055-32	GE-28	PTC110	HEPS5027	RE 42	SK3197	RT-197	ECG186	2SD325	WEP751	121-29000
TR20	2SC1973	2056-09	GE-335	PTC186	HEPS5027	RE 42	SK3250		ECG315		WEP922	
TR21	2SC1306	1042-08(12)	GE-215	PTC186	HEPS0015*	RE 203	SK3197	RT-146	ECG235	2SC1306	WEP785	
TR22	2SC1307	1042-09(13)	GE-216	PTC186	HEPS0015*	RE 201	SK3197	RT-158	ECG236		WEP840	
TR23	2SC945AQ 2SC945	2056-07	GE-212	PTC121*	HEPS0015*	RE 192	SK3124	RT-107A	ECG199	2SC945	WEP1945	121-29000
TR25	2SD325E 2SD325	2055-32	GE-28	PTC110	HEPS5027	RE 42	SK3197	RT-197	ECG186	2SD325	WEP751	121-29000
PLL BOARD												
D1	1S2086	2058-39			HEPR2502				ECG612			ZEN-452
D2	1S2086	2058-39			HEPR2502				ECG612			ZEN-452
D3	1S2086	2058-39			HEPR2502				ECG612			ZEN-452
D4	1S2086	2058-39			HEPR2502				ECG612			ZEN-452
FET1	3SK45B 3SK45	2065-55	GE-FET-4	PTC182	HEPF2007	RE 199	SK3065	RT-181	ECG222		WEP905	121-826
IC1	UHI1C-002	2058-37	GE-FET-4	PTC182	HEPF2007	RE 199	SK3065	RT-181	ECG222		WEP905	121-826
IC2	UPD5880	2065-53										
IC3	78L05AV	2058-38				RE 387-IC	SK3462		ECG977			
TR1	2SC1675L 2SC1675	2046-03	GE-213	PTC139*	HEPS0025*	RE 13*	SK3124	RT-308	ECG229*		WEP956*	ZEN-127
TR2	2SC1675L 2SC1675	2046-03	GE-213	PTC139*	HEPS0025*	RE 13*	SK3124	RT-308	ECG229*		WEP956*	ZEN-127
TR3	2SC945AQ 2SC945	2056-07	GE-212	PTC121*	HEPS0015*	RE 192	SK3124	RT-107A	ECG199	2SC945	WEP1945	121-29000
TR4	2SC945AQ 2SC945	2056-07	GE-212	PTC121*	HEPS0015*	RE 192	SK3124	RT-107A	ECG199	2SC945	WEP1945	121-29000
TR5	2SC945AQ 2SC945	2056-07	GE-212	PTC121*	HEPS0015*	RE 192	SK3124	RT-107A	ECG199	2SC945	WEP1945	121-29000
TR6	2SC1675L 2SC1675	2046-03	GE-213	PTC139*	HEPS0025*	RE 13*	SK3124	RT-308	ECG229*	2SC945	WEP1945	121-29000
TR7	2SC1675L 2SC1675	2046-03	GE-213	PTC139*	HEPS0025*	RE 13*	SK3124	RT-308	ECG229*		WEP956*	ZEN-127
TR8	2SC1675L 2SC1675	2046-03	GE-213	PTC139*	HEPS0025*	RE 13*	SK3124	RT-308	ECG229*		WEP956*	ZEN-127
TR9	2SC1675L 2SC1675	2046-03	GE-213	PTC139*	HEPS0025*	RE 13*	SK3124	RT-308	ECG229*		WEP956*	ZEN-127

* Lead configuration may vary from original.
(12) 12 WATTS @ 3 AMPS.
(13) 25 WATTS @ 8 AMPS.

FANON MODEL FANFARE 350F

ELECTROLYTIC CAPACITORS

		REPLACEMENT DATA				
ITEM No.	RATING	MFR. PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.	
					Q-LINE	GENERAL LINE
MAIN BOARD						
C21	4.7 25V	1042-130	PC5-50	VTT4R7B50	QV1-27	EV-1319
C30	.1 25V	1042-122				
C31	1 50V	1079-33	PC1-50	VTT1A50	QV1-11	EV-1615
C32	47 10V	1079-39	PC50-16	VTT47D16	QV1-73	EV-1226
C34	47 10V	1079-39	PC50-16	VTT47D16	QV1-73	EV-1226
C40	2.2 25V	1079-33		TDC335M035FL		SD35-3R39
C43	33 10V	1079-41	PC30-25	VTT33B10	QV1-61	EV-1125
C45	4.7 25V	1042-130	PC5-50	VTT4R7B50	QV1-27	EV-1319
C74	22 16V	1042-129	PC25-25	VTT22B16	QV1-55	EV-1224
C76	2.2 25V	1079-36	PC2-100	VTT2R2A50	QV1-19	EV-1517
C77	1 50V	1079-33	PC1-50	VTT1A50	QV1-11	EV-1615
C78	10 16V	1042-129	PC10-25	VTT10B25	QV1-41	EV-1222
C80	.33 25V					
	.22 25V	2058-63				
C81	1 50V	1079-33	PC1-50	VTT1A50	QV1-11	EV-1615
C82	220 6.3V	1042-126	PC250-10	VTT220F10	QV1-115	EV-1140
C84	10 16V	1042-129	PC10-25	VTT10B25	QV1-41	EV-1222
C86	33 10V	1079-41	PC30-25	VTT33B10	QV1-61	EV-1125
C87	1 50V	1079-33	PC1-50	VTT1A50	QV1-11	EV-1615
C88	1 50V	1079-33	PC1-50	VTT1A50	QV1-11	EV-1615
C91	220 6.3V	1042-126	PC250-10	VTT220F10	QV1-115	EV-1140
C92	.1 25V	1042-122				
C93	220 16V	1042-125	PC250-25	VTT220H16	QV1-117	EV-1240
C96	1 50V	1079-33	PC1-50	VTT1A50	QV1-11	EV-1615
C97	100 16V	1018-39	PC100-16	VTT100F16	QV1-95	EV-1230
C99	47 10V	1079-39	PC50-16	VTT47D16	QV1-73	EV-1226

PARTS LIST AND DESCRIPTION (CONTINUED)

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

ELECTROLYTIC CAPACITORS (cont)

ITEM No.	RATING	REPLACEMENT DATA				
		MFR. PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.	
					Q-LINE	GENERAL LINE
C102	470 10V		PC500-16	VTT470K16	QV1-149	EV-1150
C103	2.2 25V	1079-36		TDC335M035FL		SD35-3R39
C104	470 16V	1042-124	PC500-16	VTT470K16	QV1-151	EV-1250
C105	220 16V	1042-125	PC250-25	VTT220H16	QV1-117	EV-1240
C106	100 10V	170-21-9	PC100-10	VTT100E10	QV1-93	EV-1130
C131	2.2 50V	1079-36	PC2-100	VTT2R2A50	QV1-19	EV-1517
C147	220 16V	1042-125	PC250-25	VTT220H16	QV1-117	EV-1240
C149	470 10V		PC500-16	VTT470K16	QV1-149	EV-1150
C151	100 10V	170-21-9	PC100-10	VTT100E10	QV1-93	EV-1130
C154	1000 16V	1042-123	PC1000-16	VTT1000L16	QV1-183	EV-1260
	100 16V	1018-39	PC100-16	VTT100F16	QV1-95	EV-1230
C159	4.7 25V	1042-130	PC5-50	VTT4R7B50	QV1-27	EV-1319
C163	10 16V	1042-129	PC10-25	VTT10B25	QV1-41	EV-1222
C168	1 50V	1079-33	PC1-50	VTT1A50	QV1-11	EV-1615
C177	47 10V	1079-39	PC50-16	VTT47D16	QV1-73	EV-1226
PLL BOARD						
C8	33 10V	1079-41	PC30-25	VTT33B10	QV1-61	EV-1125
C13	10 6.3V	2058-44		TDC106M025FL	QDT1-64	SD25-109
C34	100 10V	170-21-9	PC100-10	VTT100E10	QV1-93	EV-1130
C48	10 6.3V	2058-44		TDC106M025FL	QDT1-64	SD25-109

CAPACITORS

ITEM No.	RATING	MFR. PART No.	REPLACEMENT DATA				
			CENTRALAB PART No.	CORNELL- DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.	
						Q-LINE	GENERAL LINE
MAIN BOARD							
C1	39 NPO 50V				CN0439		10TCC-Q39
C2	.01 50V 10%			WMF1S1	EWFA1A110	QF1-91	1PB-S10
C3	.01 50V 10%			WMF1S1	EWFLA110	QF1-91	1PB-S10
C4	.01 50V 10%			WMF1S1	EWFA1A110	QF1-91	1PB-S10
C5	.01 50V 10%			WMF1S1	EWFA1A110	QF1-91	1PB-S10
C6	.01 50V 10%			WMF1S1	EWFA1A110	QF1-91	1PB-S10
C7	47 NPO 5%		DTZ-47	NP047	CN0447		10TCC-Q47
C8	.01 50V 10%			WMF1S1	EWFA1A110	QF1-91	1PB-S10
C9	.01 50V 10%			WMF1S1	EWFA1A110	QF1-91	1PB-S10
C10	100 NPO 10%		DTZ-100	NP0100	CN0310		10TCC-T10
C11	.01 50V 10%			WMF1S1	EWFA1A110	QF1-91	1PB-S10
C12	.001 50V 10%			DPMS6D1	EWFA1A210	QF1-1	1PB-D10
C13	.0047 50V 10%			WMF1D47	EWFA1A247	QF1-57	1PB-D47
C14	.01 50V 10%			WMF1S1	EWFA1A110	QF1-91	1PB-S10
C15	.01 50V 10%			WMF1S1	EWFA1A110	QF1-91	1PB-S10
C16	6 NPO						
C17	.1 50V		Ck-104		MAG5001		
C18	.04 50V				M192P3939R8		192P3939R8
C19	.01 50V 10%			WMF1S1	EWFA1A110	QF1-91	1PB-S10
C20	.01 50V 10%			WMF1S1	EWFA1A110	QF1-91	1PB-S10
C22	.01 50V 10%			WMF1S1	EWFA1A110	QF1-91	1PB-S10
C23	.01 50V 10%			WMF1S1	EWFA1A110	QF1-91	1PB-S10
C24	.01 50V 10%			WMF1S1	EWFA1A110	QF1-91	1PB-S10
C25	.01 50V 10%			WMF1S1	EWFA1A110	QF1-91	1PB-S10
C26	5 NPO 50V		DTZ-4R7	NP04P7	CN0547		10TCC-V47
C27	.01 50V 10%			WMF1S1	EWFA1A110	QF1-91	1PB-S10
C28	.001 50V 10%			DPMS6D1	EWFA1A210	QF1-1	1PB-D10
C29	.04 50V				M192P3939R8		192P3939R8
C33	.01 50V 10%			WMF1S1	EWFA1A110	QF1-91	1PB-S10
C36	.001 50V		DD-102		GP210		10TS-D10
C37	.01 50V 10%			WMF1S1	EWFA1A110	QF1-91	1PB-S10
C38	2 NPO 50V		DTZ-2R2	NP02P2	CN0522		10TCC-V22
C39	5 NPO 50V		DTZ-4R7	NP04P7	CN0547		10TCC-V47
C41	.04 50V				M192P3939R8		192P3939R8
C44	.01 50V 10%			WMF1S1	EWFA1A110	QF1-91	1PB-S10
C46	.01 50V 10%			WMF1S1	EWFA1A110	QF1-91	1PB-S10
C47	.01 50V 10%			WMF1S1	EWFA1A110	QF1-91	1PB-S10
C48	.01 50V 10%			WMF1S1	EWFA1A110	QF1-91	1PB-S10
C49	.01 50V 10%			WMF1S1	EWFA1A110	QF1-91	1PB-S10
C50	.01 50V 10%			WMF1S1	EWFA1A110	QF1-91	1PB-S10
C51	.039 50V				M192P3939R8		192P3939R8
	.04 50V				M192P3939R8		192P3939R8
C52	.0033 50V		DD-332	GP3300	GP233	QC2-107	5GA-D33
C53	.01 50V 10%			WMF1S1	EWFA1A110	QF1-91	1PB-S10
C54	.01 50V 10%			WMF1S1	EWFA1A110	QF1-91	1PB-S10
C55	.01 50V 10%			WMF1S1	EWFA1A110	QF1-91	1PB-S10
C56	.0047 50V 10%		DD-472	GP4700	GP247		5GA-D47
C57	.01 50V 10%			WMF1S1	EWFA1A110	QF1-91	1PB-S10
C58	.01 50V 10%			WMF1S1	EWFA1A110	QF1-91	1PB-S10
C59	.01 50V 10%			WMF1S1	EWFA1A110	QF1-91	1PB-S10
C60	.022		UK25-223				HY-725
	.01 50V		UK50-333		MAG50133		
C61	18 NPO 5%				CN0418		10TCC-Q18
C62	.022		UK25-223		CN0418		HY-725
C63	18 NPO 5%				CN0418		10TCC-Q18
C64	.01 50V 10%			WMF1S1	EWFA1A110	QF1-91	1PB-S10
C65	4 NPO						
C66	.001 50V						
C67	100 NPO 10%		DD-102		GP210		10TS-D10
C68	.01 50V 10%		DTZ-100	NP0100	CN0310		10TCC-T10
C69	.01 50V 10%			WMF1S1	EWFA1A110	QF1-91	1PB-S10
C70	.01 50V 10%			WMF1S1	EWFA1A110	QF1-91	1PB-S10
C72	10 NPO		DTZ-10	NP010	CN0410		10TCC-Q10
	15 NPO		DTZ-15	NP015	CN0415		10TCC-Q15

PARTS LIST AND DESCRIPTION (CONTINUED)

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

CAPACITORS (cont)

ITEM No.	RATING	MFR. PART No.	REPLACEMENT DATA				
			CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE Q-LINE	PART No. GENERAL LINE
C73	10 NPO	2056-130	DTZ-10	NP010	CN0410		10TCC-Q10
C75	.01 50V 10%			WMF1S1	EWFA1110	QF1-91	1PB-S10
C79	.01 50V 10%			WMF1S1	EWFA1110	QF1-91	1PB-S10
C83	.04 50V				M192P3939R8		192P3939R8
C85	.0047 50V 10%		DD-472	GP4700	GP247		56A-D47
C89	.01 50V		UK50-103		MAG5011		
C90	.04 50V				M192P3939R8		192P3939R8
C95	.04 50V				M192P3939R8		192P3939R8
C98	.001 50V 10%			DPMS6D1	EWFA1210	QF1-1	1PB-D10
C100	.470 10%		DD-471	GP470	GP347		10TS-T47
C101	.2 50V			DPMS2P2	PVC602		2PS-P20
C107	.01 50V 10%			WMF1S1	EWFA1110	QF1-91	1PB-S10
C108	.01 50V 10%			WMF1S1	EWFA1110	QF1-91	1PB-S10
C109	.01 50V 10%			WMF1S1	EWFA1110	QF1-91	1PB-S10
C110	.01 50V 10%			WMF1S1	EWFA1110	QF1-91	1PB-S10
C111	.0047 50V 10%		DD-472	GP4700	GP247		56A-D47
C112	.0047 50V 10%		DD-472	GP4700	GP247		56A-D47
C113	.0047 50V 10%		DD-472	GP4700	GP247		56A-D47
C114	.0047 50V 10%		DD-472	GP4700	GP247		56A-D47
C115	.0047 50V 10%		DD-472	GP4700	GP247		56A-D47
C116	1.5 NPO 50V		DTZ-1R5	NP01P5	CN0515		10TCC-V15
	5 NPO		DTZ-4R7	NP04P7	CN0547		10TCC-V47
C117	.01 50V 10%			WMF1S1	EWFA1110	QF1-91	1PB-S10
C118	39 NPO 5%				CN0439		10TCC-Q39
C119	68 NPO 5%		DTZ-68	NP068	CN0468		10TCC-Q68
C120	150 NPO 10%		DTZ-150		CN0315		10TCC-T15
C121	.0047 50V 10%			WMF1D47	EWFA1247	QF1-57	1PB-D47
C122	330 M750				*		10TCU-T33
C123	.01 50V 10%			WMF1S1	EWFA1110	QF1-91	1PB-S10
C124	1 NPO 5%				CN0510		10TCC-V10
C125	.1 50V		CK-104		MAG5001		
C126	.1 50V		CK-104		MAG5001		
C127	.1 50V			WMF05P1	EWFA0510		431P1049R5
C128	180 NPO 10%		DTZ-180				10TCC-T18
C129	56 NPO 5%				CN0456		10TCC-Q56
C130	56 NPO 5%				CN0456		10TCC-Q56
C132	.0047 50V 10%			WMF1D47	EWFA1247	QF1-57	1PB-D47
C133	.0047 50V 10%			WMF1D47	EWFA1247	QF1-57	1PB-D47
C134	.0047 50V 10%			WMF1D47	EWFA1247	QF1-57	1PB-D47
C135	150 NPO 10%		DTZ-150		CN0315		10TCC-T15
C136	.0047 50V 10%			WMF1D47	EWFA1247	QF1-57	1PB-D47
C137	.0047 50V 10%			WMF1D47	EWFA1247	QF1-57	1PB-D47
C138	.0047 50V 10%			WMF1D47	EWFA1247	QF1-57	1PB-D47
C139	.0047 50V 10%			WMF1D47	EWFA1247	QF1-57	1PB-D47
C140	.01 50V 10%			WMF1S1	EWFA1110	QF1-91	1PB-S10
C142	.01 50V 10%			WMF1S1	EWFA1110	QF1-91	1PB-S10
C143	.01 50V 10%			WMF1S1	EWFA1110	QF1-91	1PB-S10
C144	.04 50V 10%				M192P3939R8		192P3939R8
C145	.0033 50V 10%		DD-332	GP3300	GP233	QC2-107	56A-D33
C146	.1 50V 10%			WMF05P1	EWFA0510		431P1049R5
C148	.01 50V 10%			WMF1S1	EWFA1110	QF1-91	1PB-S10
C150	.01 50V 10%			WMF1S1	EWFA1110	QF1-91	1PB-S10
C152	.01 50V 10%			WMF1S1	EWFA1110	QF1-91	1PB-S10
C153	.01 50V 10%			WMF1S1	EWFA1110	QF1-91	1PB-S10
C155	.01 50V 10%			WMF1S1	EWFA1110	QF1-91	1PB-S10
C156	.01 50V 10%			WMF1S1	EWFA1110	QF1-91	1PB-S10
C157	.01 50V 10%			WMF1S1	EWFA1110	QF1-91	1PB-S10
C158	.01 50V 10%			WMF1S1	EWFA1110	QF1-91	1PB-S10
C160	.01 50V 10%			WMF1S1	EWFA1110	QF1-91	1PB-S10
C161	.001						
C162	33 NPO 5%		DTZ-33	NP033	CN0433		10TCC-Q33
C165	.039 50V				M192P3939R8		192P3939R8
C166	5 50V +.25						
C167	.01 50V 10%			WMF1S1	EWFA1110	QF1-91	1PB-S10
C169	.2 50V			DPMS2P2	PVC602		2PS-P20
C170	.470 50V		DD-471	GP470	GP347		10TS-T47
C171	.01 50V 10%			WMF1S1	EWFA1110	QF1-91	1PB-S10
C172	.0047 50V 10%			WMF1D47	EWFA1247	QF1-57	1PB-D47
C173	.01 50V 10%			WMF1S1	EWFA1110	QF1-91	1PB-S10
C174	.0047 50V 10%			WMF1D47	EWFA1247	QF1-57	1PB-D47
C176	.01 50V 10%			WMF1S1	EWFA1110	QF1-91	1PB-S10
C178	.0022 50V 10%				M192P2229R8		192P2229R8
C185	.1 50V		CK-104		MAG5001		
C186	.047 50V			DPMS2S47	EWFA147	QF1-171	1PB-S47
C187	.047 50V			DPMS2S47	EWFA147	QF1-171	1PB-S47
C188	68 NPO 5%		DTZ-68	NP068	CN0468		10TCC-Q68

FANON MODEL FANFARE 350F

PARTS LIST AND DESCRIPTION (CONTINUED)

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

CAPACITORS (cont)

ITEM No.	RATING	MFR. PART No.	REPLACEMENT DATA				
			CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.	
						Q-LINE	GENERAL LINE
C191	.1 50V		CK-104		MAG5001		
C401	.0047 50V 10%			WMF1D47	EWFA247	QF1-57	1PB-D47
C402	.001 50V		DD-102		GP210		10TS-D10
C403	.0047 50V 10%			WMF1D47	EWFA247	QF1-57	1PB-D47
C404	.022 50V		UK25-223				HY-725
C405	.022 50V		UK25-223				HY-725
C406	.022 50V		UK25-223				HY-725
C407	.001 50V		DD-102		GP210		10TS-D10
C408	.0047 50V		DD-472	GP4700	GP247		5GA-D47
C409	.001 50V		DD-102		GP210		10TS-D10
C410	.001 50V		DD-102		GP210		10TS-D10
C411	.001 50V		DD-102		GP210		10TS-D10
C412	.001 50V		DD-102		GP210		10TS-D10
C420	10 NPO 5%		DTZ-20	NP020	GP210		10TS-D10
CT1	20	1042-53			CN0420		10TCC-Q20
CT2	20	1079-108					
CT3	20	1079-108					
PLL BOARD							
C1	.01 50V		UK50-103		MAG5011		
C2	.039 50V 10%				M192P3939R8		
C3	47 NPO 5%		DTZ-47	NP047	CN0447		192P3939R8
C4	47 NPO 5%		DTZ-47	NP047	CN0447		10TCC-Q47
C5	.01 50V		UK50-103		MAG5011		10TCC-Q47
C6	.039 50V 10%				M192P3939R8		
C7	.01 50V		UK50-103		MAG5011		192P3939R8
C9	.01 50V		UK50-103		MAG5011		
C10	.01 50V		UK50-103		MAG5011		
C11	5 NPO 5%		DTZ-4R7	NP04P7	MAG5011		
C14	.01 50V		UK50-103		CN0547		10TCC-V47
C15	.01 50V		UK50-103		MAG5011		
C16	.01 50V		UK50-103		MAG5011		
C17	.01 50V		UK50-103		MAG5011		
C18	10 NPO		DTZ-10	NP010	CN0410		
C19	220 50V		DTZ-220				10TCC-Q10
C20	470 50V		DD-471	GP470	GP347		10TCC-T22
C21	.01 50V		UK50-103		MAG5011		10TS-T47
C22	5		DTZ-4R7	NP04P7	CN0547		
C23	.01 50V		UK50-103		MAG5011		10TCC-V47
C24	.01 50V		UK50-103		MAG5011		
C25	220 50V		DTZ-220				
C26	10 NPO		DTZ-10	NP010	CN0410		10TCC-T22
C27	470 50V		DD-471	GP470	GP347		10TCC-Q10
C28	5		DTZ-4R7	NP04P7	CN0547		10TS-T47
C29	.01 50V		UK50-103		MAG5011		10TCC-V47
C30	10 NPO		DTZ-10	NP010	CN0410		
C31	220 50V		DTZ-220				10TCC-Q10
C32	470 50V		DD-471	GP470	GP347		10TCC-T22
C33	5		DTZ-4R7	NP04P7	CN0547		10TS-T47
C35	.1 50V			WMF05P1	EWFO5010		10TCC-V47
C36	.1 50V			WMF05P1	EWFO5010		431P1049R5
C38	3	2056-143					431P1049R5
C39	.001	2056-111					
C40	.001	2056-111					
C41	.001	2056-111					
C42	.001	2056-111					
C43	.001	2056-111					
C44	.001	2056-111					
C45	.001	2056-111					
C46	100 NPO 10%		DTZ-100	NP0100	CN0310		10TCC-T10
C47	.01 50V		UK50-103		MAG5011		
C49	1 NPO 5%				CN0510		10TCC-V10
C50	.047 50V			DPMS2S47	EWFA1A47	QF1-171	1PB-S47
C51	5 NPO 5%		DTZ-4R7	NP04P7	CN0547		10TCC-V47
C52	.047 50V			DPMS2S47	EWFA1A47	QF1-171	1PB-S47
C53	.047 50V			DPMS2S47	EWFA1A47	QF1-171	1PB-S47
C54	.047 50V			DPMS2S47	EWFA1A47	QF1-171	1PB-S47
CT1	20	1042-53					
CT2	20	1042-53					
CT3	20	1042-53					
CT4	20	1042-53					

*Not normally in distributor's stock. Available thru distributor on order to manufacturer.

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.	MALLORY PART No.	TRW PART No.
VR1	S Meter	10K				X260R103B(2)
VR2	Squelch Range	100K				X260R104B(2)
VR3	Local Adj	50K				U260R503B
VR4	Carrier Balance	50K				X260R503B(2)
VR6	AM Reg	10K				X260R103B(2)
VR7	SSB ALC	10K				X260R103B(2)
VR8	AMC	10K				X260R103B(2)
VR9	RF Meter	100K				X260R105B(2)
VR11	XMT Freq	5000				X260R502B(2)
VR12	Squelch	100K	1079-121			
VR13	Volume/Power Switch	10K	1079-120			
			RV-027(5)			
VR14	Clarifier	20K	2065-20			
			RV-049(5)			
VR15	AGC Range	100K				X260R105B(2)
VR101	Bias	300				

(2) Cut off one of the end terminals and bend to fit PC board.

(5) Number on unit.

COILS (RF-IF)

ITEM No.		FUNCTION	REPLACEMENT DATA			REMARKS
			PART No.	OTHER IDENTIFICATION	MILLER PART No.	
MAIN BOARD						
L1	RF Choke	1079-08	LF1-471K	9250-474		
L2	RF Choke	1079-08	LF1-471K	9250-474		
L3	RF Choke	1079-08	LF1-471K	9250-474		
L4	RF Choke	1079-08	LF1-471K	9250-474		
L5	Pi Filter	2056-22	LE-051			
L6	Pi Filter	2056-22	LE-051			
L7	Loading Final (27MHz)	1045-24	LC-019	CB305		
L8	TVI Trap (54MHz)	1079-06	LC-018	CB304		
L9	RF Choke	1080-25	LD-018	4594		
L10	XMT Driver	1079-06	LC-018	CB304		
L11	RF Choke	1020-25	LD-018	4594		
L12	RF Choke	1080-25	LD-018	4594		
L14	RF Choke	1079-08	LF1-471K	9250-474		
L15	RF Choke	1079-08	LF1-471K	9250-474		
L16	RF Choke (1uH)		LZ-002			
L17	RF Choke (1uH)		LZ-002			
L401	RF Choke		LD-046			
L402	RF Choke		LD-046			
L403	RF Choke		LD-046			
T1	Noise Amp (23.3MHz)	1080-11	LA-029	CB5740-T		
T2	Noise Amp (23.3MHz)	2056-16	LA-155			
T3	Carrier Insertion(7.8MHz)	1042-29	LA-038	CB5512-17C		
T4	IF (7.8MHz)	2056-14	LA-096	CB5511-7TC		
T5	RF Mixer (7.8MHz)	1042-29	LA-038	CB5512-17C		
T6	RF Mixer (7.8MHz)	2056-17	LA-156			
T7	RF 27MHz	2056-15	LA-152			
T8	Carrier Osc (7.8MHz)	1042-29	LA-038	CB5512-17C		
T10	XMT Mixer (27MHz)	2056-18	LA-157			
T11	XMT Preamp	2056-21	LD-057			
T12	XMT Driver	2056-21	LD-057			
T13	Carrier Insertion	2056-14	LA-096	CB5511-7TC		
PLL BOARD						
L1	Down Mixer (100uH)	1079-09	LF-1	9250-104		
L2	RF Choke (470uH)	1079-08	LF-1	9250-474		
L3	RF Choke (470uH)	1079-08	LF-1	9250-474		
L4	RF Choke (470uH)	1079-08	LF-1	9250-474		
L5	RF Choke (470uH)	1079-08	LF-1	9250-474		
L6	VCO	2058-41	LA-160			
L7	RF Choke	2058-42	LA-161			
L8	Trippler (33MHz)	2058-41	LA-160			
L9	Trippler (33MHz)	2058-40	LA-112			
L14	RF Choke					
L15	RF Choke					
L16	RF Choke					
L413	RF Choke					
L414	RF Choke					

TRANSFORMER (Audio Output)

ITEM No.	IMPEDANCE		REPLACEMENT DATA			NOTES
	PRI.	SEC.	MFGR. PART No.	THORDARSON PART No.	TRIAD PART No.	
T14	3.92	8	2056-24 TF-088(1)		MCB-25	(1) Number on Unit.

FANON MODEL FANFARE 350F

PARTS LIST AND DESCRIPTION (CONTINUED)

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

SPEAKER

ITEM No.	TYPE	REPLACEMENT DATA		NOTES
		MFR. PART No.	QUAM PART No.	
SP	3 1/2" PM 8 ohms		3A05Z8	

FUSE DEVICES

ITEM No.	DESCRIPTION	REPLACEMENT DATA						
		PART No.		BUSS PART No.		LITTELFUSE PART No.		WORKMAN PART No.
		DEVICE	HOLDER	DEVICE	HOLDER	DEVICE	HOLDER	DEVICE
F1	3A Quick acting	2058-28		AGC	HDJ	312003	150145	F63-2

MICROPHONE

ITEM No.	REPLACEMENT DATA				CONNECTION DATA						
	MFGR. PART No.	GC PART No.	GC NOISE CANCEL	GC POWER	GC CONNECTOR	GC Red	GC Shield	GC Yellow	GC Blue	GC White	GC Black
Mic	1080-66	18-032	18-034	18-010	18-068	Tip	Shell	Ring	NC	NC	Shell

MISCELLANEOUS

ITEM No.	PART NAME	PART No.	NOTES
MAIN BOARD - CHASSIS			
J1	Jack	2058-26	Antenna
J2	Jack	1042-55	External speaker
J3	Jack	1042-55	PA speaker
J4J	Jack	1042-62	Microphone
J4P	Plug	2022-224	Microphone
M1	Meter	1079-184	S/Rf
PL1	Lamp	1079-54	Channel ind. 12.77V @ 49mA
PL2	Lamp	1079-119	Meter 12.77V @ 49mA
RL1	Relay		XMT/Rec 179.4 ohms
RL2	Relay		XMT/Rec 45.7 ohms
S1	Switch		Noise Blanker
S2	Switch		Local/distant
S3	Switch	1079-121	Mode
S4	Switch		PA/CB
S5	Switch		Power (Part of Volume Control)
SW1	Switch		Channel selector
X1	Crystal	2058-62	7.7975MHz
X2	Crystal	2058-25	7.8025MHz
X3	Crystal	2058-24	7.8MHz
XF1	Crystal filter	2058-06	DC
	Power Cord	1074-114	
PLL BOARD			
X1	Crystal	2049-05	10.240MHz
X2	Crystal	2058-45	11.2842MHz
X3	Crystal	2058-46	11.2850MHz
X4	Crystal	2058-47	11.2858MHz

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

ITEM	PART No.	ITEM	PART No.
Case, Bottom	1079-58	Knob, Control	1079-64
Case, Top	1079-57	Knob, Channel	1079-65
Front Panel	2058-48		