



PHOTOFACT[®] with

CIRCUITRACE[®]

For Supplier Address See PHOTOFACT Index

NOTE

ONLY THOSE PERSONS PROPERLY LICENSED ARE PERMITTED TO MAKE REPAIRS OR ADJUSTMENTS WHICH MAY RESULT IN ILLEGAL OPERATION. (REFER TO FCC RULES AND REGULATIONS PART 95, SUBPARTS 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 Tiger 23B

ALIGNMENT INSTRUCTIONS

Suggested Alignment Tools:

T6, T7, T8GC ELECTRONICS 5000, 8290

ALL othersGC ELECTRONICS 9440

PEARCE-SIMPSON MODEL TIGER 23B

RECEIVER

Connect an AC VTVM or AF Wattmeter across speaker voice coil.

Adjustments made with 14-volt DC input.

Adjust volume control to obtain suitable reading.

SIGNAL GENERATOR	GEN FREQ	CHANNEL	ADJUST	REMARKS
High side thru .01uF to base of TR4, low side to ground.	455kHz, 1000Hz @ 30% modulation output MINIMUM uV.	Any	T6, T7, T8	Set ANL Off. Set Squelch maximum counter-clockwise. Set Receive-O-Slide to center. Adjust for maximum.
High side thru .01uF to Antenna Jack, low side to ground.	27.115MHz, 1000Hz @ 30% modulation output 1uV.	13	T1, T2, T4, T5	Set ANL Off. Set Squelch maximum counter-clockwise. Set Receive-O-Slide to center. Adjust for maximum.

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

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5CY193

RECEIVER ADJUSTMENTS

Connect an AC VTVM or AF Wattmeter across speaker voice coil.
Adjustments made with 14-volt DC input.
Adjust volume control to obtain suitable reading.

SIGNAL GENERATOR	GEN FREQ	CHANNEL	ADJUST	REMARKS
AGC High side thru .01uF to Antenna Jack, low side to ground.	27.115MHz, 1000Hz @ 30% modulation output 0.5uV.	13	VR1	Adjust volume control to maximum clockwise. Adjust so that signal is 2V.
SQUELCH RANGE High side thru .01uF to Antenna Jack, low side to ground.	27.115MHz, 1000Hz @ 30% modulation output 300uV.	13	VR5	Set squelch control fully clockwise. Adjust so that squelch just breaks.
"S" METER High side thru .01uF to Antenna Jack, low side to ground.	27.115MHz, 1000Hz @ 30% modulation output 100uV	13	VR4	Adjust for "S9" on panel "S" meter.

TRANSMITTER

Connect an RF Wattmeter or 50-ohm watt dummy load to antenna connector.
Adjustments made with 14-volt DC input.

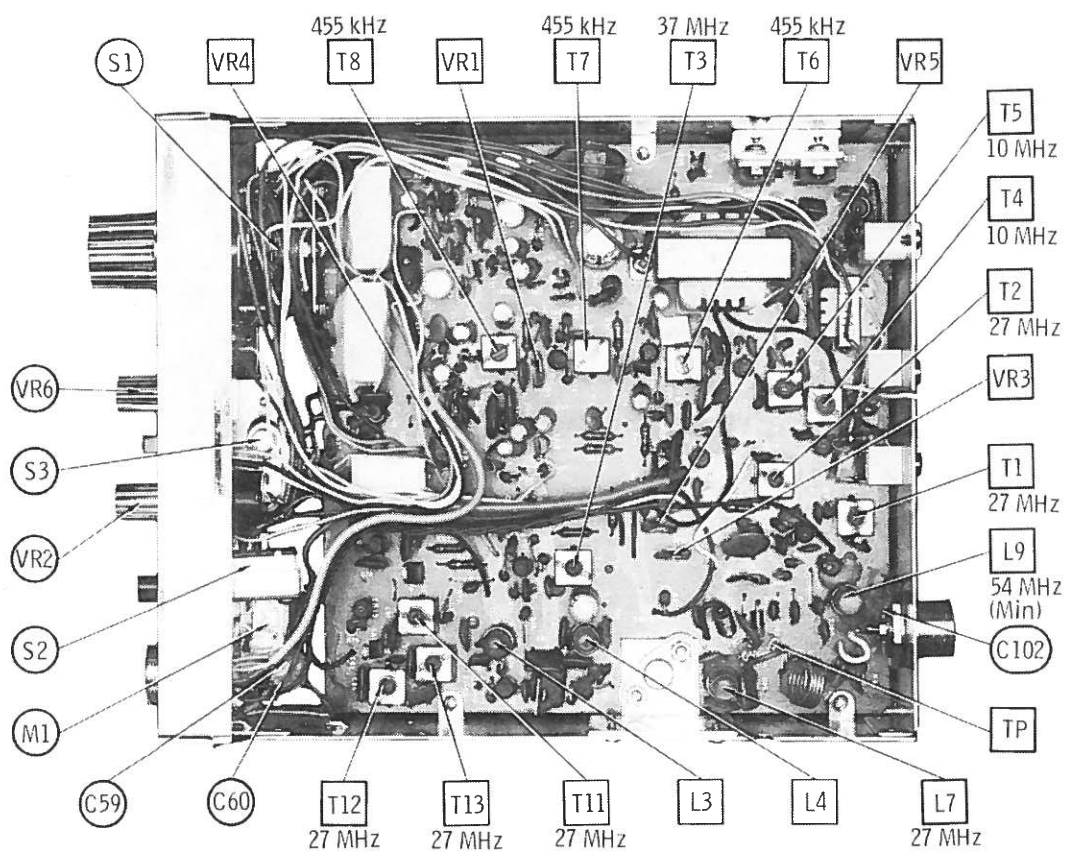
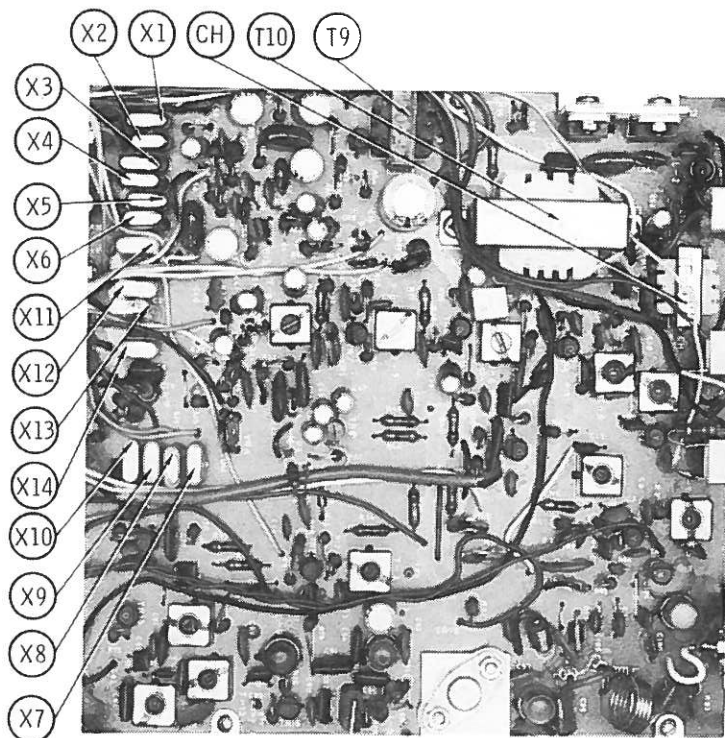
AM

INDICATOR	ADJUST	REMARKS
OSCILLATOR, MIXER, BUFFER, DRIVER, FINAL		
RF Wattmeter	T3, T11, T12,T13	Channel selector to CH.13. Key transmitter. Adjust for maximum.
OUTPUT POWER		
RF Wattmeter	L3, L4, L7	Key transmitter. Adjust for 3.2 watts output.
TVI TRAP		
TV (Ch. 2)	L9	Key transmitter. Adjust for MINIMUM interference on TV.
FINAL INPUT POWER		
Remove jumper at TP and connect 0-2000 DC milliammeter.	L7	Adjust for 5 watts. (Max.)

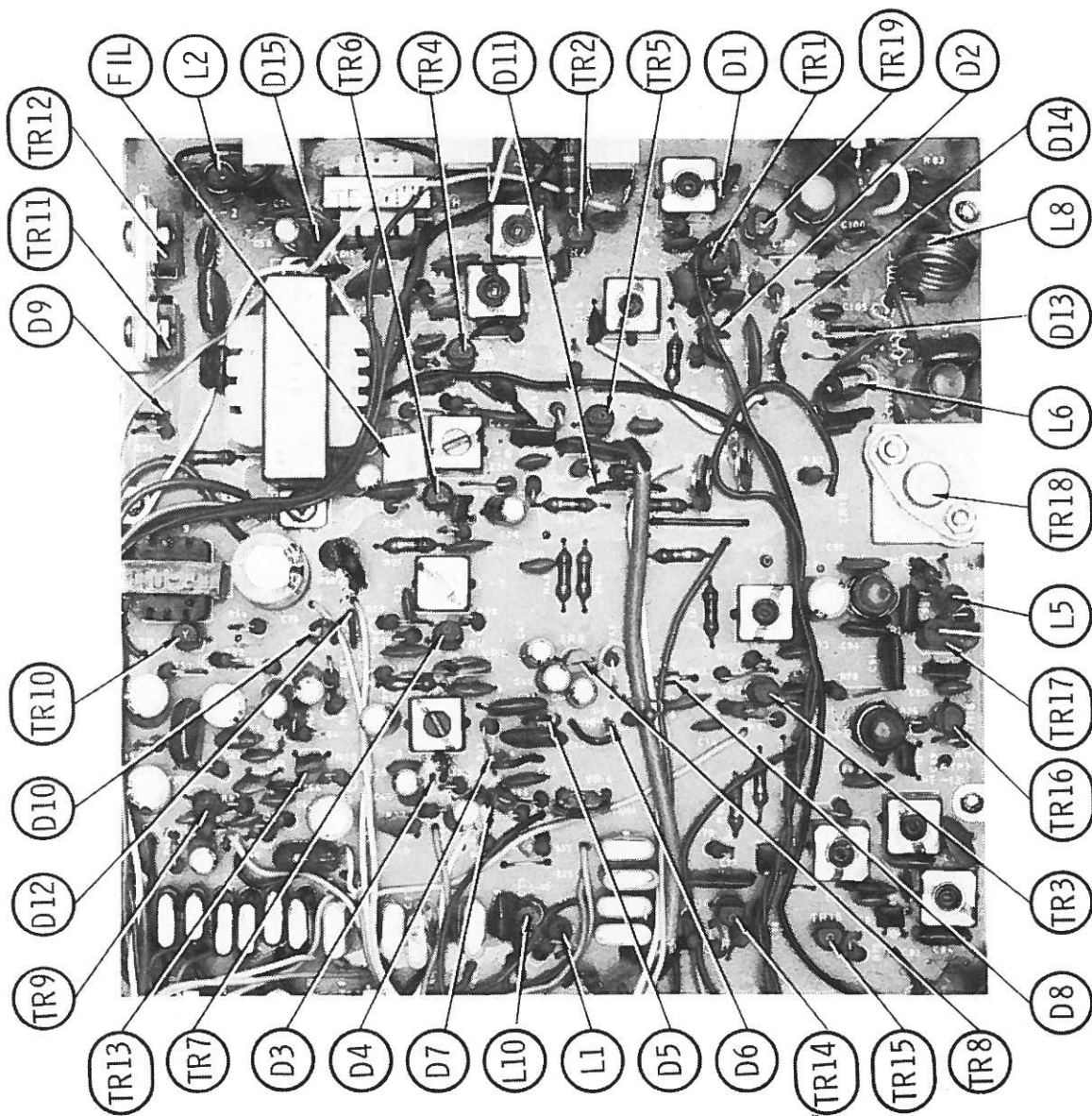
TRANSMITTER ADJUSTMENTS

Connect an RF Wattmeter or 50-ohm watt dummy load to antenna connector.
Adjustments made with 14-volt DC input.

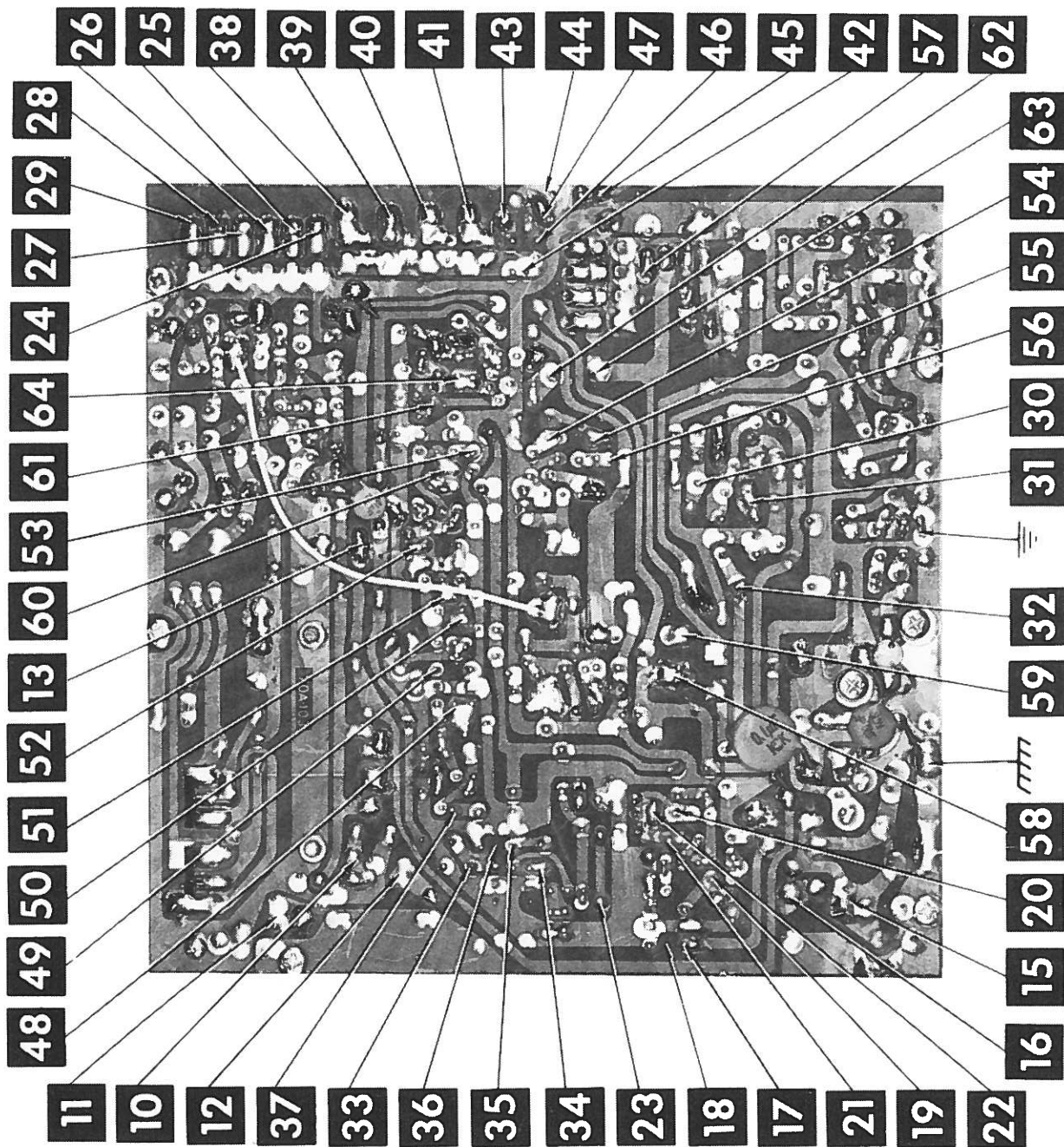
INDICATOR	ADJUST	REMARKS
RF PANEL METER		
RF Wattmeter	VR3	Key transmitter. Adjust so that panel "RF" meter reads +10 .



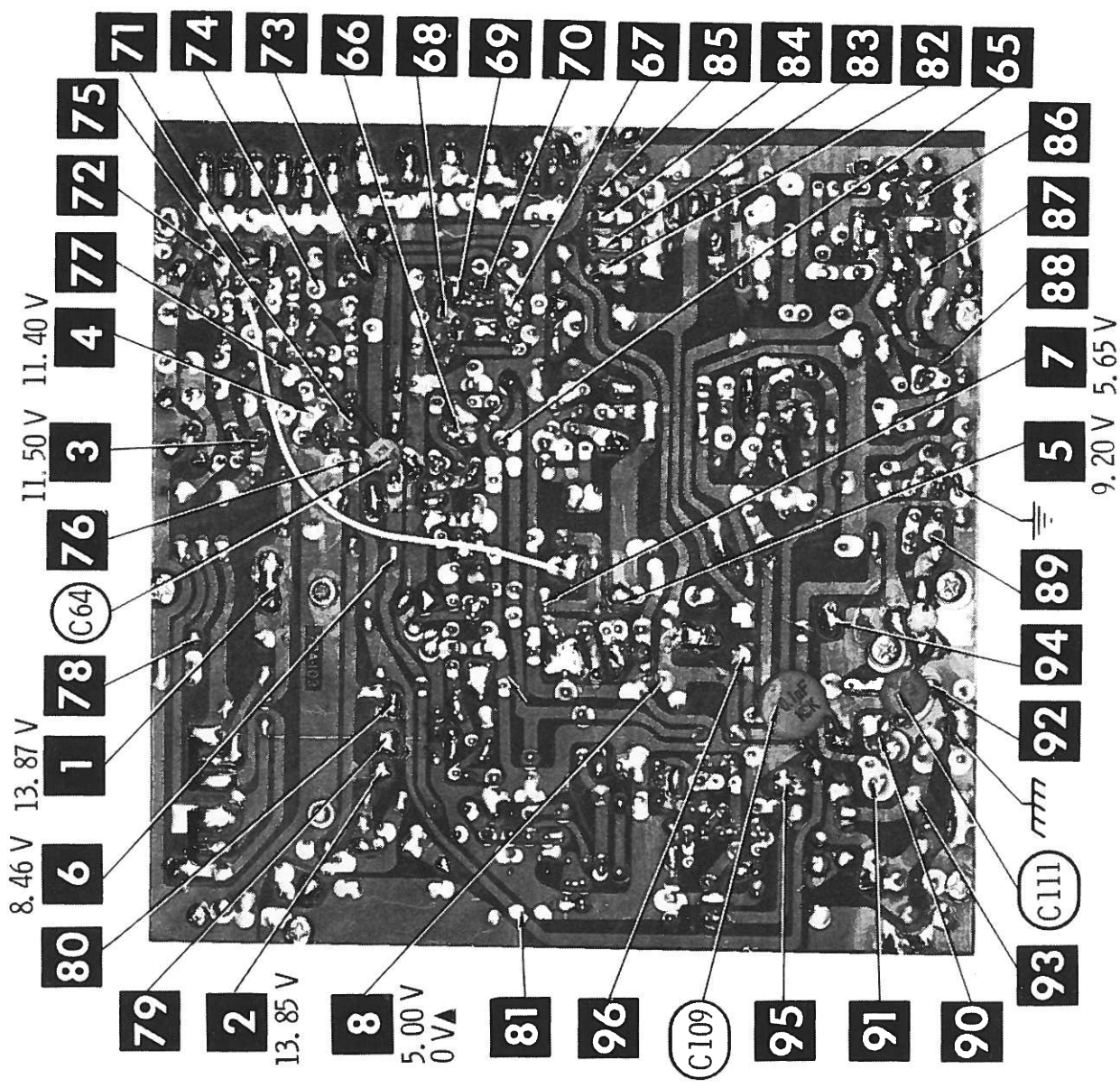


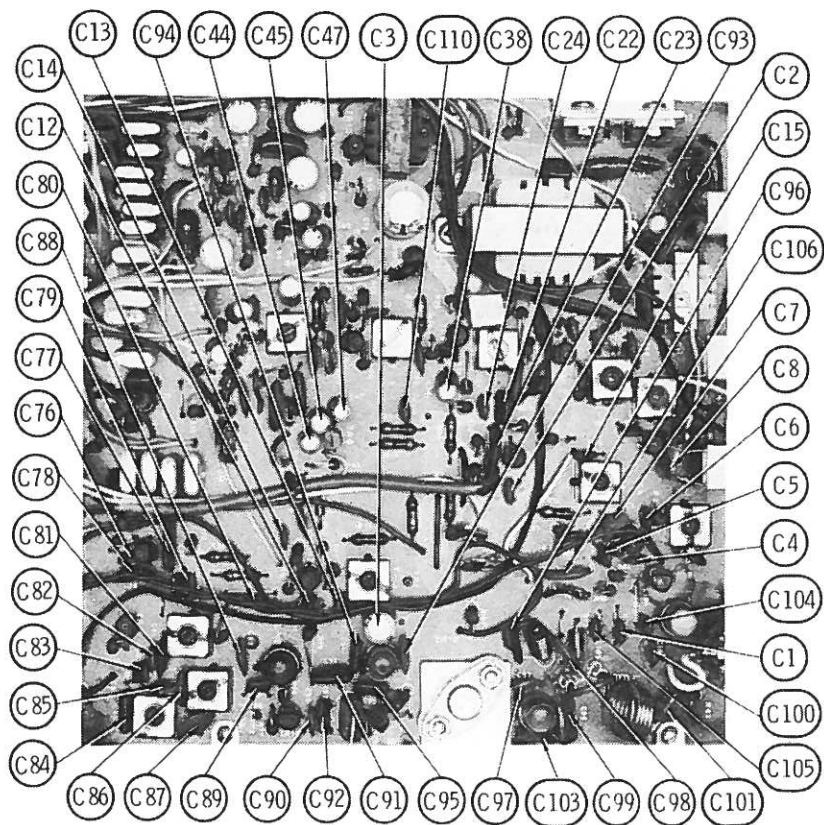
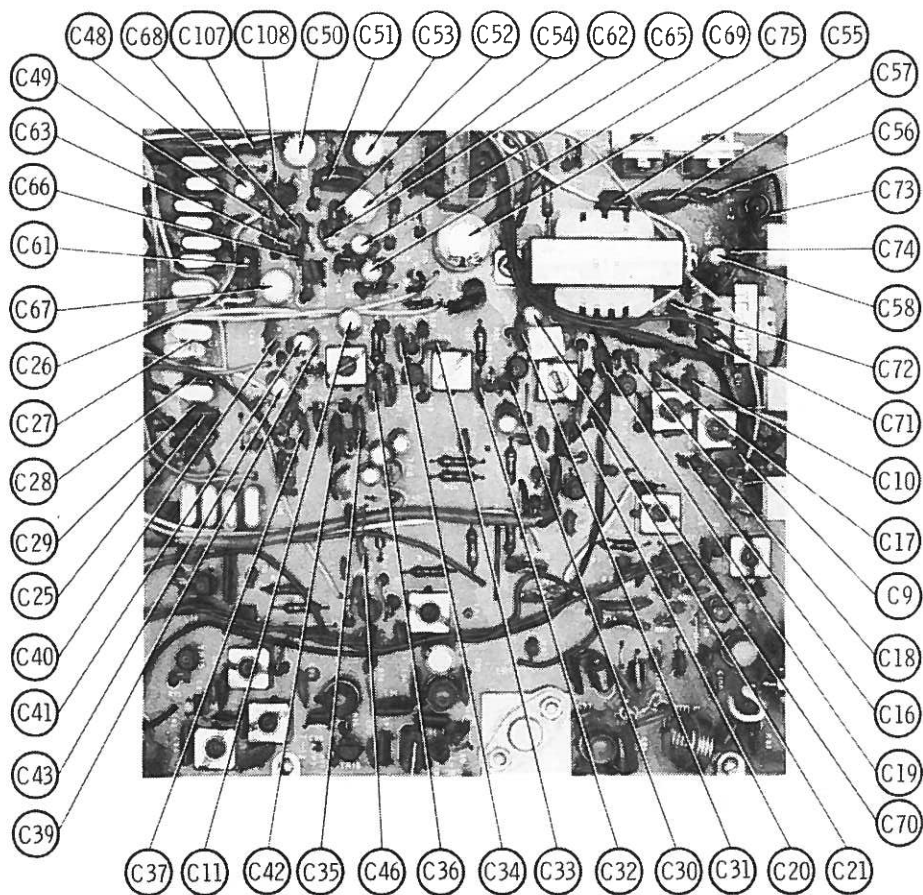


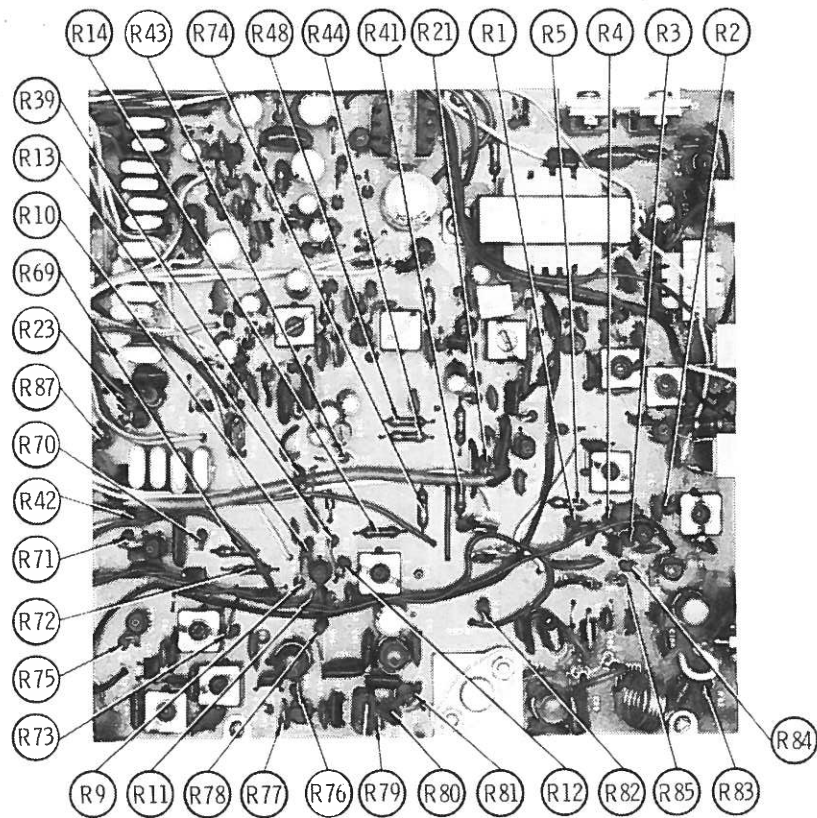
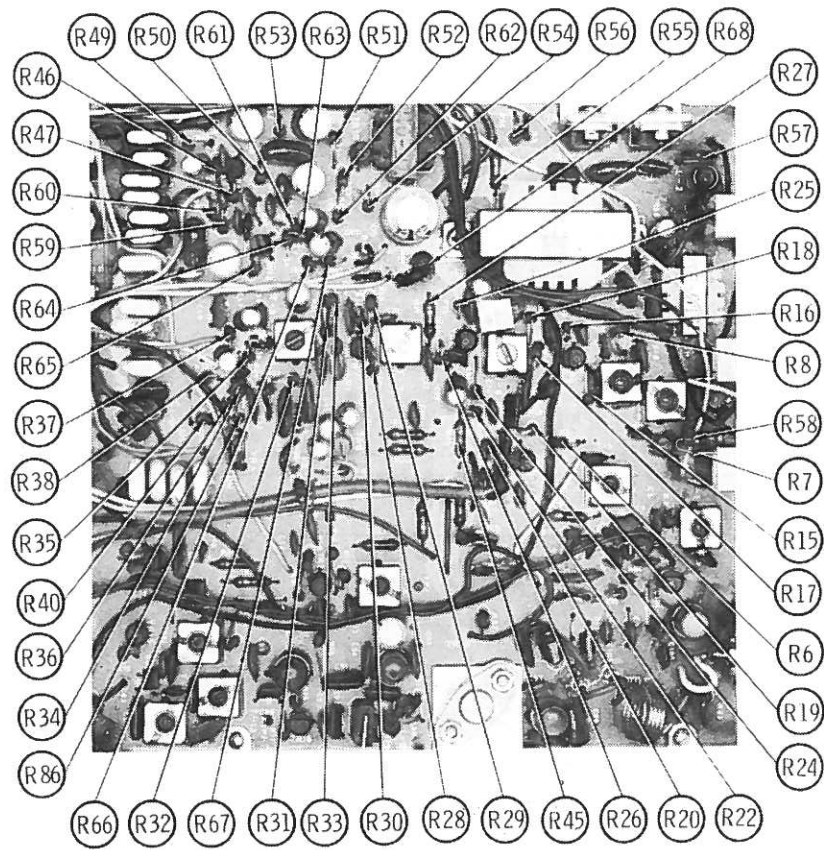
PEARCE-SIMPSON MODEL TIGER 23B

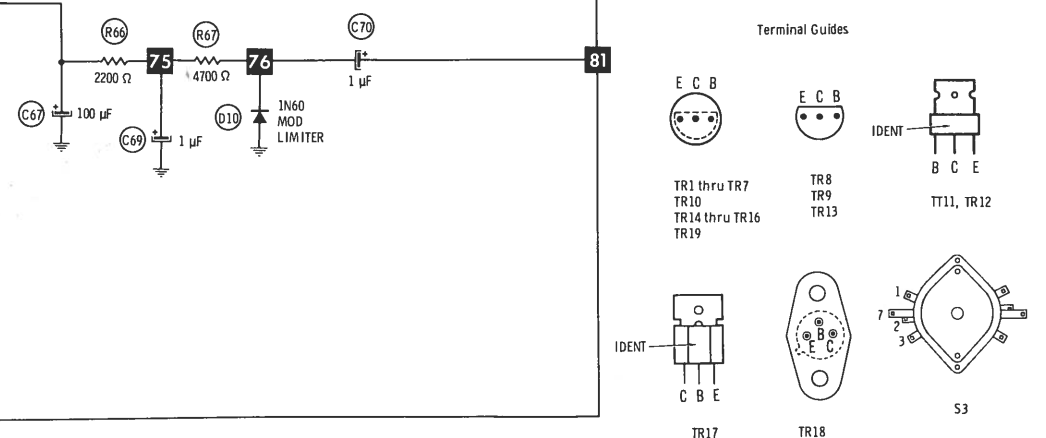
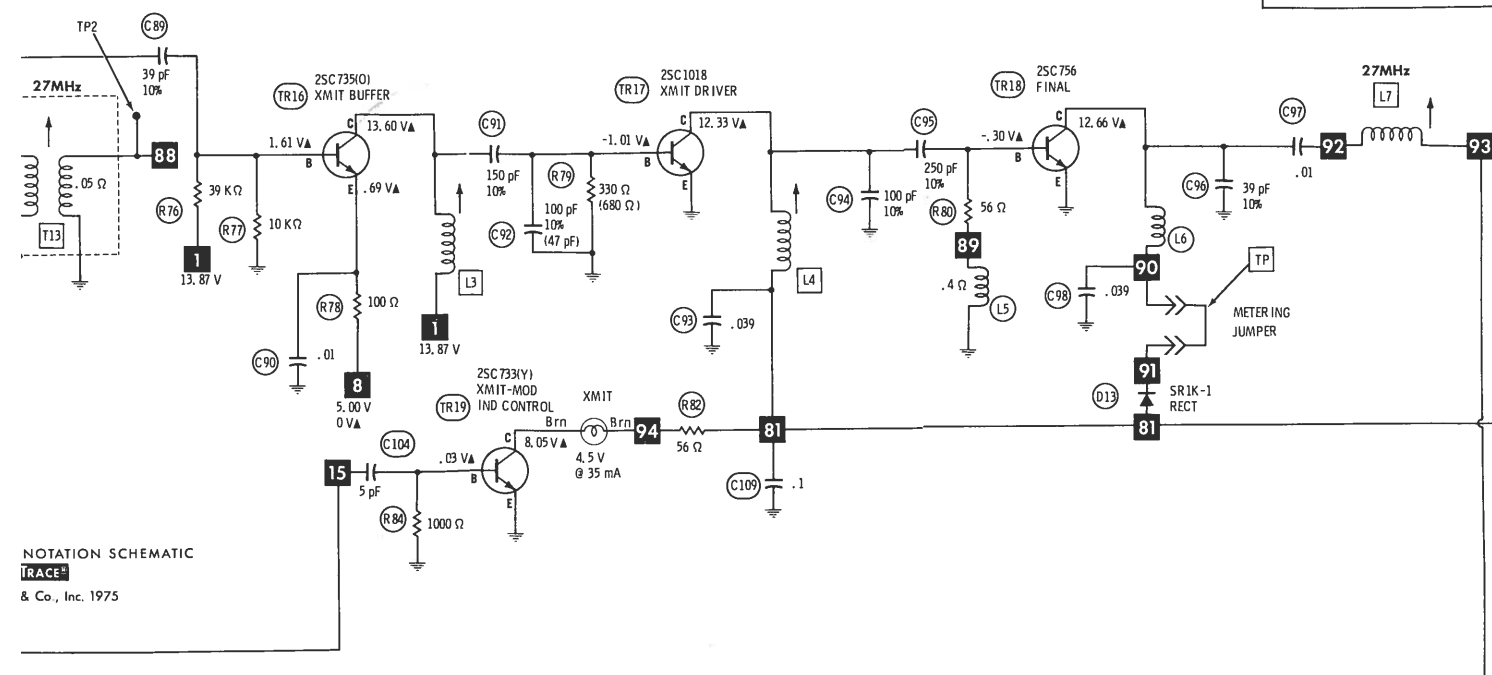
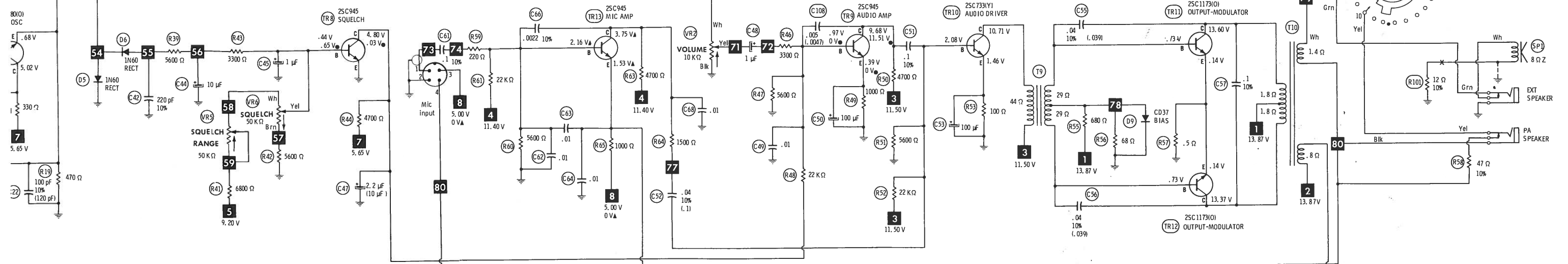
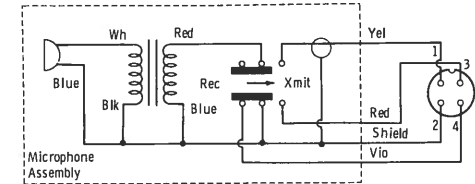
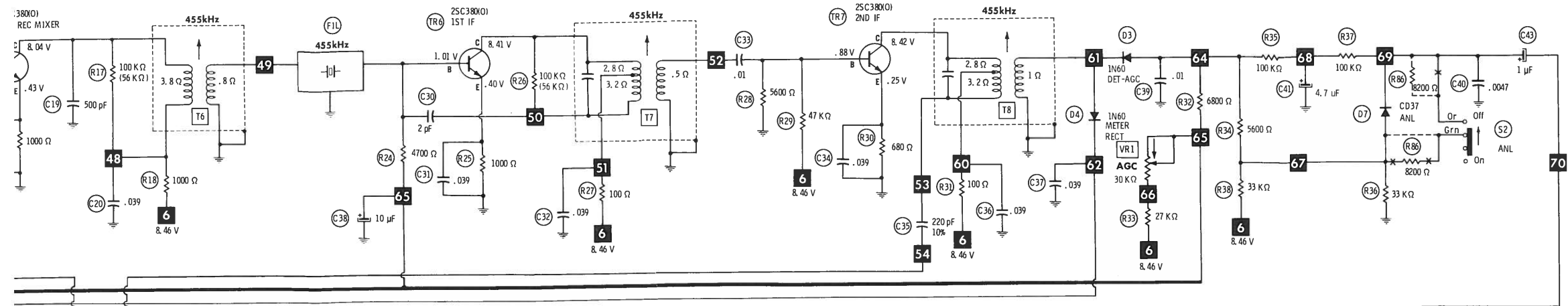


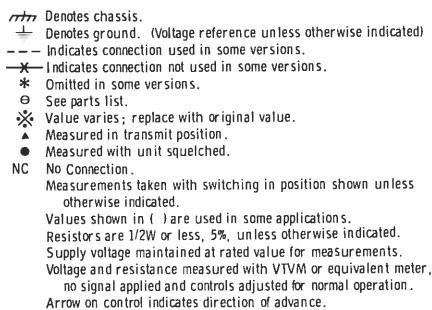
A Howard W. Sams **CIRCUITRACE®** Photo











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PARTS LIST AND DESCRIPTION

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

SEMICONDUCTORS (Select replacement transistor for best results)

ITEM No.	TYPE / MFR. No. / PART No.	REPLACEMENT DATA						
		GENERAL ELECTRIC PART No.	INTERNATIONAL RECTIFIER PART No.	MALLORY PART No.	MOTOROLA PART No.	RCA PART No.	SPRAGUE PART No.	SYLVANIA PART No.
D1	CD37A	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
D2	CD37A	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
D3	1N60	1N60	1N60	PTC206	HEP135	SK3088		ECG 109
D4	1N60	1N60	1N60	PTC206	HEP135	SK3088		ECG 109
D5	1N60	1N60	1N60	PTC206	HEP135	SK3088		ECG 109
D6	1N60	1N60	1N60	PTC206	HEP135	SK3088		ECG 109
D7	CD37	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
D8	ZW9.1 9.1V Zener	GEZD-9.1	Z-1210	PTC505	HEPZ0412	SK3060	RT240	ECG 139
D9	CD37	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
D10	1N60	1N60	1N60	PTC206	HEP135	SK3088		ECG 109
D11	CD37	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
D12	CD37	GE-300	D200	PTC214	HEPR0602	SK3100	RT218	ECG 177
D13	SR1K-1	GE-504A	8D4 or 5A4D	PTC201 or PTC202	HEPR0052	SK3030 or SK3031	RT213 or RT214	ECG 116 or ECG 117
D14	1N60	1N60	1N60	PTC206	HEP135	SK3088		ECG 109
D15	SR1K-1	GE-504A	8D4 or 5A4D	PTC201 or PTC202	HEPR0052	SK3030 or SK3031	RT213 or RT214	ECG 116 or ECG 117
TR1	2SC394(Y)	GE-17	TR-33	PTC139	HEP53	SK3018	RT108	ECG 107
TR2	2SC394(Y)	GE-17	TR-33	PTC139	HEP53	SK3018	RT108	ECG 107
TR3	2SC380(0)	GE-61	TR-24	PTC121	HEP56	SK3018	RT107	ECG 107
	2SC372(0) (1)	GE-20	TR-24	PTC139	HEP55	SK3018	RT102	ECG 123A
TR4	2SC380(0)	GE-61	TR-24	PTC121	HEP56	SK3018	RT107	ECG 107
	2SC372(0) (1)	GE-20	TR-24	PTC139	HEP55	SK3018	RT102	ECG 123A
TR5	2SC380(0)	GE-61	TR-24	PTC121	HEP56	SK3018	RT107	ECG 107
	2SC372(0) (1)	GE-20	TR-24	PTC139	HEP55	SK3018	RT102	ECG 123A
TR6	2SC380(0)	GE-61	TR-24	PTC121	HEP56	SK3018	RT107	ECG 107
	2SC372(0) (1)	GE-20	TR-24	PTC139	HEP55	SK3018	RT102	ECG 123A
TR7	2SC380(0)	GE-61	TR-24	PTC121	HEP56	SK3018	RT107	ECG 107
	2SC372(0) (1)	GE-20	TR-24	PTC139	HEP55	SK3018	RT102	ECG 123A
TR8	2SC945	GE-20	(1R)2SC945	PTC136	HEP728	SK3124	RT102	ECG 123A
	2SC372(Y) (1)	GE-20	TR-24	PTC139	HEP55	SK3018	RT102	ECG 123A
TR9	2SC945	GE-20	(1R)2SC945	PTC136	HEP728	SK3124	RT102	ECG 123A
	2SC372(Y) (1)	GE-20	TR-24	PTC139	HEP55	SK3018	RT102	ECG 123A
TR10	2SC733(Y)	GE-20	TR-21	PTC123	HEP729	SK3122	RT100	ECG 123A
TR11	2SC1173(0) (2)	GE-66	TR-55	PTC110		SK3054	RT154	ECG 152
TR12	2SC1173(0) (2)	GE-66	TR-55	PTC110		SK3054	RT154	ECG 152
TR13	2SC945	GE-20	(1R)2SC945	PTC136	HEP728	SK3124	RT102	ECG 123A
	2SC372(0) (1)	GE-20	TR-24	PTC139	HEP55	SK3018	RT102	ECG 123A
TR14	2SC380(0)	GE-61	TR-24	PTC121	HEP56	SK3018	RT107	ECG 107
	2SC372(0) (1)	GE-20	TR-24	PTC139	HEP55	SK3018	RT102	ECG 123A
TR15	2SC380(0)	GE-61	TR-24	PTC121	HEP56	SK3018	RT107	ECG 107
	2SC372(0) (1)	GE-20	TR-24	PTC139	HEP55	SK3018	RT102	ECG 123A
TR16	2SC735(0)	GE-17	TR-24	PTC123	HEP53	SK3124	RT102	ECG 123A
TR17	2SC1018 (3)	GE-28	TR-55		HEPS3020	SK3054		ECG 210
TR18	2SC756-2-4 (4)					SK3049		ECG 224
TR19	2SC733(Y)	GE-20	TR-21	PTC123	HEP729	SK3122	RT100	ECG 123A

(1) Used in some versions.

(2) Rating 10 watt @ 3 amp.

(3) Rating 4 watt @ 1 amp.

(4) Rating 10 watt @ 4 amp.

ELECTROLYTIC CAPACITORS

ITEM No.	RATING	REPLACEMENT DATA					
		MFR. PART No.	ARCO PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.
C3	47 16V		RME-E-E-050	EP15-50	PC50-16	MTV50CB15	EV-1226
C11	33 16V		ME-3-E-035	EP15-25	PC30-25	MTV30CB25	EV-1325
C38	10 16V		RME-B-E-010	EP15-10	PC10-25	VTT10A25	EV-1222
C41	4.7 25V		RME-A-G-005	EP30-5	PC5-50	VTT4R7A50	EV-1319
C43	1 25V		RME-A-G-001	EP30-1	PC1-50	MTVICB50	EV-1315
C44	10 16V		RME-B-E-010	EP15-10	PC10-25	VTT10A25	EV-1222
C45	1 25V		RME-A-G-001	EP30-1	PC1-50	MTVICB50	EV-1315
C47	2.2 25V		RME-A-G-002	EP30-2	PC2-100	VTT2R2A50	EV-1317
C48	1 25V		RME-A-G-001	EP30-1	PC1-50	MTVICB50	EV-1315
C50	100 16V		RME-E-E-100	EP15-100	PC100-16	MTV100CD15	EV-1230
C53	100 16V		RME-E-E-100	EP15-100	PC100-16	MTV100CD15	EV-1230
C54	100 16V		RME-E-E-100	EP15-100	PC100-16	MTV100CD15	EV-1230
C58	10 16V		RME-B-E-010	EP15-10	PC10-25	VTT10A25	EV-1222
C65	10 16V		RME-B-E-010	EP15-10	PC10-25	VTT10A25	EV-1222
C67	100 16V		RME-E-E-100	EP15-100	PC100-16	MTV100CD15	EV-1230
C69	1 25V		RME-A-G-001	EP30-1	PC1-50	MTVICB50	EV-1315
C70	1 25V		RME-A-G-001	EP30-1	PC1-50	MTVICB50	EV-1315
C75	470 16V		RME-L-E-500	EP15-500	PC500-16	MTV500DN15	EV-1250

PARTS LIST AND DESCRIPTION (CONTINUED)

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

CAPACITORS

ITEM No.	RATING	MFR. PART No.	REPLACEMENT DATA				
			ARCO/ELMENCO PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.
C1	33 10%		DM10-330J	CPR-33J	CD6ED330J03	SX433	
C2	.01		CCD-103	DC-103	GP10000	MAG5011	2SS-S10
C4	.01		CCD-103	DC-103	GP10000	MAG5011	2SS-S10
C5	3						
C6	.01		CCD-103	DC-103	GP10000	MAG5011	2SS-S10
C7	.01		CCD-103	DC-103	GP10000	MAG5011	2SS-S10
C8	.01		CCD-103	DC-103	GP10000	MAG5011	2SS-S10
C9	.01		CCD-103	DC-103	GP10000	MAG5011	2SS-S10
C10	.01		CCD-103	DC-103	GP10000	MAG5011	2SS-S10
C12	47 10%		DM10-470J	CPR-47J	CD6ED470J03	SX447	424MC47R0J501
C13	.01		CCD-103	DC-103	GP10000	MAG5011	2SS-S10
C14	.01		CCD-103	DC-103	GP10000	MAG5011	2SS-S10
C15	5		DM10-050D		CD6CD050D03		
C16	2						
C17	.01		CCD-103	DC-103	GP10000	MAG5011	2SS-S10
C18	.01		CCD-103	DC-103	GP10000	MAG5011	2SS-S10
C19	500		CCD-501	DD-501	GP500	GP350	10TS-T50
C20	.039		CCD-403			GP140	5GA-S40
C21	5		DM10-050D		CD6CD050D03		
C22	100 10%		DM10-101J	CPR-100J	CD10FD101J03	SX310	424MC1000J501
C23	470 10%		DM15-471J	CPR-470J	CD15FD471J03	SX347	424ME4700J501
C24	.01		CCD-103	DC-103	GP10000	MAG5011	2SS-S10
C25	91 10%		DM10-910J	CPR-91J	CD10FD910J03	SX491	424MC91R0J501
C26	22		DM10-220J	CPR-22J	CD6CD220J03	SX422	
C27	22		DM10-220J	CPR-22J	CD6CD220J03	SX422	
C28	22		DM10-220J	CPR-22J	CD6CD220J03	SX422	
C29	22		DM10-220J	CPR-22J	CD6CD220J03	SX422	
C30	2						
C31	.039		CCD-403			GP140	5GA-S40
C32	.039		CCD-403			GP140	5GA-S40
C33	.01		CCD-103	DC-103	GP10000	MAG5011	2SS-S10
C34	.039		CCD-403			GP140	5GA-S40
C35	220 10%		DM10-221J	CPR-220J	CD10FD221J03	SX322	424ME2200J501
C36	.039		CCD-403			GP140	5GA-S40
C37	.039		CCD-403			GP140	5GA-S40
C39	.01		CCD-103	DC-103	GP10000	MAG5011	2SS-S10
C40	.0047		CCD-472				10TS-D47
C42	220 10%		DM10-221J	CPR-220J	CD10FD221J03	SX322	424ME2200J501
C46	.05		CCD-203	DC-203		MAG5012	2SS-S20
C49	.01		CCD-103	DC-103	GP10000	MAG5011	2SS-S10
C51	.1 10%		1MDF-3-104		DPMS2P1	EWFA010	1PB-P10
C52	.04 10%		6DP-3-393		DPMS6S39	PVC6139	6PS-S39
C55	.04 10%		6DP-3-393		DPMS6S39	PVC6139	6PS-S39
C56	.04 10%		6DP-3-393		DPMS6S39	PVC6139	6PS-S39
C57	.1 10%		1MDF-3-104		DPMS2P1	EWFA010	1PB-P10
C59	470		CCD-471	DD-471	GP470	GP347	10TS-T47
C60	470		CCD-471	DD-471	GP470	GP347	10TS-T47
C61	.1 10%		1MDF-3-104		DPMS2P1	EWFA010	1PB-P10
C62	.01		CCD-103	DC-103	GP10000	MAG5011	2SS-S10
C63	.01		CCD-103	DC-103	GP10000	MAG5011	2SS-S10
C64	.01		CCD-103	DC-103	GP10000	MAG5011	2SS-S10
C66	.0022		6DP-1-222	CPR-2200J	DPMS6D22	EW6222	6PS-D22
C68	.01		CCD-103	DC-103	GP10000	MAG5011	2SS-S10
C71	.039		CCD-403			GP140	5GA-S40
C72	.039		CCD-403			GP140	5GA-S40
C73	.039		CCD-403			GP140	5GA-S40
C74	.039		CCD-403			GP140	5GA-S40
C76	.01		CCD-103	DC-103	GP10000	MAG5011	2SS-S10
C77	470 10%		DM15-471J	CPR-470J	CD15FD471J03	SX347	424ME4700J501
C78	200 10%		DM10-201J	CPR-200J	CD10FD201J03	SX320	424ME2000J501
C79	39 10%		DM10-390J	CPR-39J	CD6ED390J03	SX439	
C80	15		DM10-150J		CD6CD150J03		
C81	100		DM10-101J	CPR-100J	CD10FD101J03	SX310	424MC1000J501
C82	.01		CCD-103	DC-103	GP10000	MAG5011	2SS-S10
C83	3						
C84	150 10%		DM10-151J	CPR-150J	CD7FD151J03	SX315	424MC1500J501
C85	3						
C86	100 10%		DM10-101J	CPR-100J	CD10FD101J03	SX310	424MC1000J501
C87	.039		CCD-403			GP140	5GA-S40
C88	.039		CCD-403			GP140	5GA-S40
C89	39 10%		DM10-390J	CPR-39J	CD6ED390J03	SX439	
C90	.01		CCD-103	DC-103	GP10000	MAG5011	2SS-S10
C91	150 10%		DM10-151J	CPR-150J	CD7FD151J03	SX315	424MC1500J501
C92	100 10%		DM10-101J	CPR-100J	CD10FD101J03	SX310	424MC1000J501
C93	.039		CCD-403			GP140	5GA-S40
C94	100 10%		DM10-101J	CPR-100J	CD10FD101J03	SX310	424MC1000J501
C95	250 10%		DM10-241J	CPR-240J	CD10FD241J03	SX324	424ME2400J501
C96	39 10%		DM10-390J	CPR-39J	CD6ED390J03	SX439	
C97	.01		CCD-103	DC-103	GP10000	MAG5011	2SS-S10
C98	.039		CCD-403			GP140	5GA-S40
C99	220 10%		DM10-221J	CPR-220J	CD10FD221J03	SX322	424ME2200J501
C100	47		DM10-470J	CPR-47J	CD6ED470J03	SX447	424MC47R0J501
C101	70 10%		DM10-680J	CPR-68J	CD6ED680J03	SX468	424MC68R0J501
C102	33 10%		DM10-330J	CPR-33J	CD6ED330J03	SX433	

PARTS LIST AND DESCRIPTION (CONTINUED)

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

CAPACITORS (cont)

ITEM No.	RATING	MFR. PART No.	REPLACEMENT DATA				
			ARCO/ELMENCO PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.
C103	.039		CCD-403			GP140	5GA-S40
C104	5		DM10-050D		CD6CD050D03		
C105	2						
C106	.1			DC-104	MGP1	MAG5001	TG-P10
C107	.039		CCD-403			GP140	5GA-S40
C108	.005		CCD-502	DC-502	GP5000	TA250	2SS-D50
C109	.1		1MDF-3-104		DPMS2P1	EWFI010	1PB-P10
C110	.01		CCD-103	DC-103	GP10000	MAG5011	2SS-S10
C111	.039		CCD-403			GP140	5GA-S40

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

ITEM No.	FUNCTION	RESIST-ANCE	REPLACEMENT DATA				
			MFR. PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	CTS-IRC PART No.	MALLORY PART No.
VR1	AGC	30K		TSV-50K (2) or T-50K (2)	C-503 (2)	X201R503B (2)	MTC54L1 (2)
VR2	Volume/Switch	10K					
VR3	"RF" Meter	10K		TSV-10K (2) or T-10K (2)	C-103 (2)	X201R103B (2)	MTC14L1 (2)
VR4	"S" Meter	10K		TSV-10K (2) or T-10K (2)	C-103 (2)	X201R103B (2)	MTC14L1 (2)
VR5	Squelch Range	50K		TSV-50K (2) or T-50K (2)	C-503 (2)	X201R503B (2)	MTC54L1 (2)
VR6	Squelch	50K					

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

COILS (RF-IF)

ITEM No.	FUNCTION	REPLACEMENT DATA			REMARKS
		PART No.	OTHER IDENTIFICATION	MILLER PART No.	
L1	Rec-O-Slide (2.2uH)		2R2		
L2	Line Choke		TC-71030		
L3	Xmit. Buffer (27MHz)		TC-71026		
L4	Xmit. Driver (27MHz)		TC-71023		
L5	RF Choke (2.2uH)		2R2		
L6	RF Choke		TC-71029		
L7	Final Tank (27MHz)		TC-71025		
L8	Antenna (27MHz)		NS-1344		
L9	TVI Trap (54MHz)		TC-71024		
L10	Rec-O-Slide		NS-1373		
T1	Rec Ant (27MHz)		TKXN-22160BU		
T2	Rec RF (27MHz)		TKXN-22534BU		
T3	Synth Osc (37MHz)		TKXN-22535BM		
T4	Rec. Mixer (10MHz)		TKAC-225361E		
T5	Rec. Mixer (10MHz)		TKAC-21165A		
T6	Input IF (455kHz)		YLN-20844BM		
T7	Interstage IF (455kHz)		YMC-20845AC		
T8	Output IF (455kHz)		YMC-20846AC		
T11	Xmit. Mixer (27MHz)		KXN-13638HM		
T12	Xmit. Mixer (27MHz)		KXN-13638HM		
T13	Xmit. Mixer (27MHz)		KXN-13636BM		

FILTER CHOKE

ITEM No.	RATINGS			REPLACEMENT DATA				NOTES
	CURRENT (Measured)	DC RES.	INDUCTANCE (0 CURRENT 1000~)	MFR. PART No.	STANCOR PART No.	THORDARSON PART No.	TRIAD PART No.	
C11	1000mA	.1	1.3mA	115C (TF-017)				

TRANSFORMER (Driver)

ITEM No.	TURNS RATIO			REPLACEMENT DATA				NOTES
	PRI.	SEC. 1	SEC. 2	MFR. PART No.	STANCOR PART No.	THORDARSON PART No.	TRIAD Part No.	
T9	1	1		69M (TF-011)				

PARTS LIST AND DESCRIPTION (CONTINUED)

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

TRANSFORMER (Audio Output)

ITEM No.	IMPEDANCE		REPLACEMENT DATA				NOTES
	PRI.	SEC.	MFGR. PART No.	STANCOR PART No.	THORDARSON PART No.	TRIAD PART No.	
T10	8	8	91A				

SPEAKER

ITEM No.	TYPE	REPLACEMENT DATA		NOTES
		MFGR. PART No.	QUAM PART No.	
SP1	3" PM 8 ohms	92-62	3A05Z8	

FUSE DEVICES

ITEM No.	DESCRIPTION	REPLACEMENT DATA					
		PART No.		BUSS PART No.		LITTELFUSE PART No.	
		DEVICE	HOLDER	DEVICE	HOLDER	DEVICE	HOLDER
F1	1.5A Quick-acting			AGC 1 1/2	HDJ	31201.5	150145

MISCELLANEOUS

ITEM No.	PART NAME	PART No.	NOTES
M1	Meter	UEG-22	Signal/Power
S2	Switch		ANL
X1	Crystals		37.600MHz, HC-25U
X2	Crystals		37.650MHz, HC-25U
X3	Crystals		37.700MHz, HC-25U
X4	Crystals		37.750MHz, HC-25U
X5	Crystals		37.800MHz, HC-25U
X6	Crystals		37.850MHz, HC-25U
X7	Crystals		10.635MHz, HC-25U
X8	Crystals		10.625MHz, HC-25U
X9	Crystals		10.615MHz, HC-25U
X10	Crystals		10.596MHz, HC-25U
X11	Crystals		10.180MHz, HC-25U
X12	Crystals		10.170MHz, HC-25U
X13	Crystals		10.160MHz, HC-25U
X14	Crystals		10.140MHz, HC-25U

ACCESSORIES

ITEM	MFGR. PART No.	REMARKS
Microphone	22-115-32	

WIRING DATA

General-use Hook-up Wire	Use BELDEN No. 8530 (Solid) Available in 12 Colors
Power Cord, 2-Wire	8524 (Stranded) Available in 12 Colors
Shielded Antenna Lead	17106 (Plastic) or 17126 (Rubber) -6 feet
	17109 (Plastic) or 17129 (Rubber) -9 feet
	Use BELDEN No. 8214 Lowest-loss (RG-8/U Type)
	8237 Low-loss (RG-8/U)
	8240 (Solid) Miniature (RG-58/U)
	8259 (Stranded) Miniature (RG-58A/U)
Coiled Microphone Cable	Use BELDEN No. 8497 3-Conductor (1 shielded for Press-to-Talk) Neoprene
Ignition Noise Suppression	8491 4-Conductor (2 shielded, 2 unshielded) Neoprene
Bonding Strap	Use BELDEN No. 7300-Series Spark-Plug Sets
	Use BELDEN No. 8661 (3/8 inch)