



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.

SURVEYOR MODEL 2600



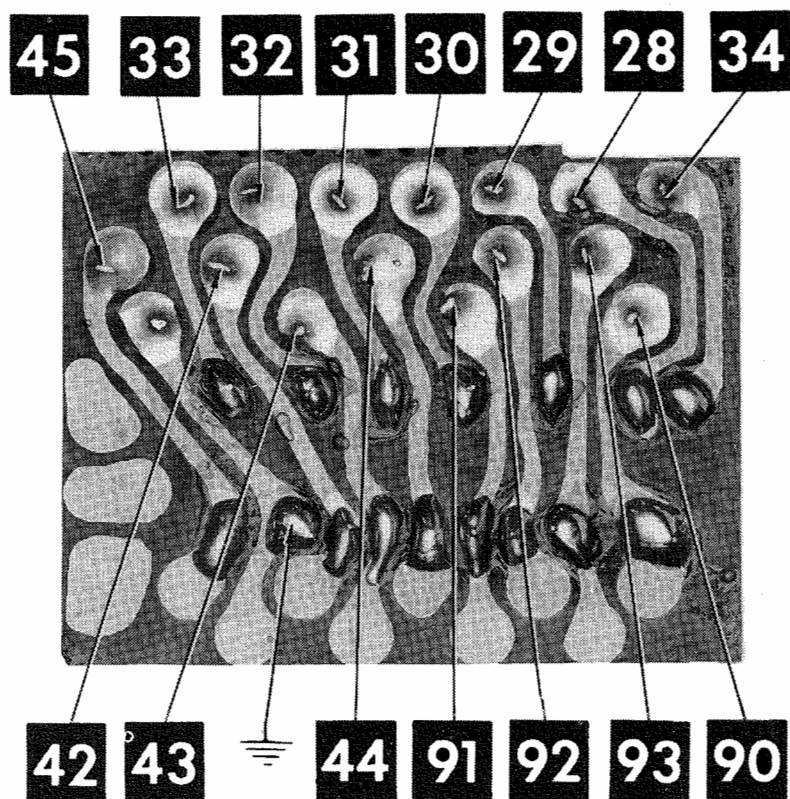
MODEL 2600

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

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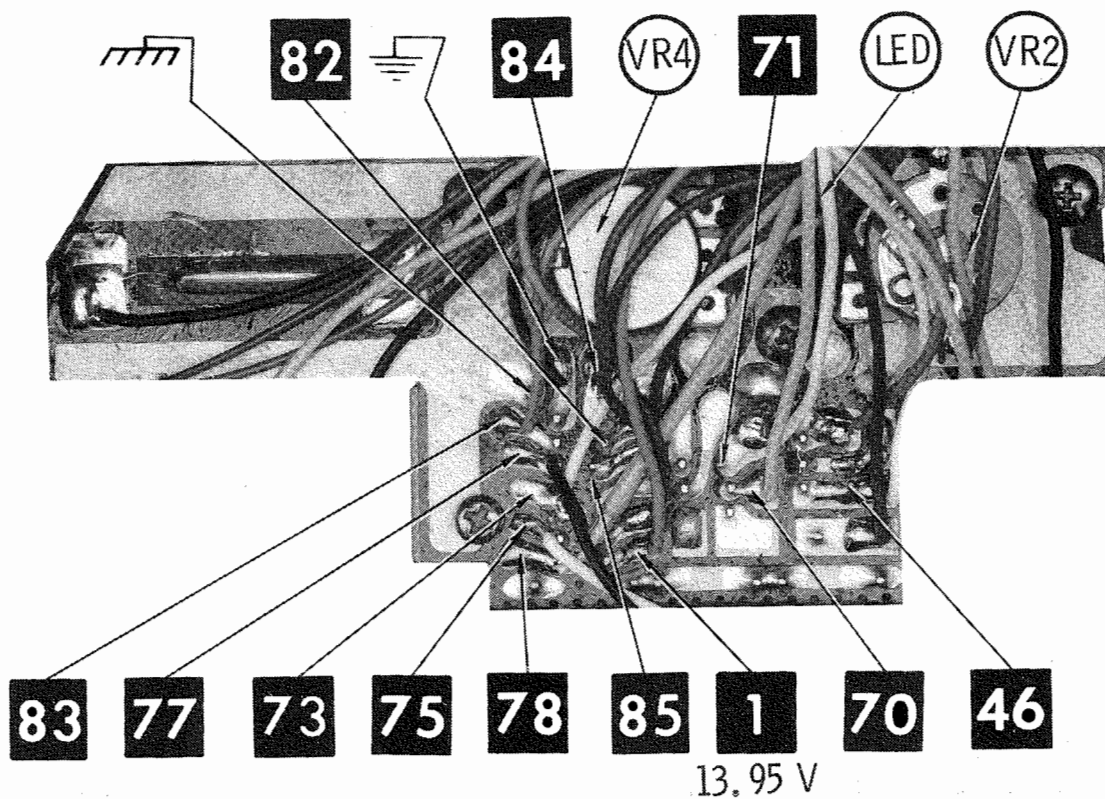
Printed in U. S. of America

6CY388



SWITCH BOARD

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



CONTROL BOARD

ALIGNMENT INSTRUCTIONS

Suggested Alignment Tools:	GC ELECTRONICS:
L115, L116	9300
L104 thru L109	5000, 8290
ALL other Tunable Coils and Transformers.....	9440

SYNTHESIZER

INDICATOR	CHANNEL	ADJUST	FREQUENCY	REMARKS
Input of Frequency Counter & RF VTVM to TP3, common to ground.	23	L109	37.850MHz	Adjust L109 for frequency. Voltage should be .80 to .90V.
Input of RF VTVM to TP5, common to ground.	9	L110, L111		Key transmitter. Voltage should be .35V.
Input of Frequency Counter & RF VTVM to TP4, common to ground.	11		10.180MHz	Voltage should be .40V to .60V.

SURVEYOR MODEL 2600

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 TP2, low side to ground.	455kHz, 1000Hz @30% modulation, output 10uV.	Any	L106, L107, L108	Adjust for maximum.
High side thru .01uF to TP1, low side to ground.	10.615MHz 1000Hz @30% modulation, output 10uV.	11	L104, L105	Adjust for maximum.
High side thru .01uF to antenna jack, low side to ground.	27.065Hz 1000Hz @30% modulation output 3uV.	9	L101, L102 L103	Adjust for maximum.

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
SQUELCH RANGE High side thru .01uF to antenna jack, low side to ground.	27.115MHz 1000Hz @30% modulation, output 100uV	13	VR3	Set squelch control fully clockwise. Adjust VR3 so that squelch just breaks.
S Meter High side thru .01uF to antenna jack, low side to ground.	27.115MHz 1000Hz @30% modulation, output 30K uV	13	VR1	Adjust VR1 for 10 on S scale.

TRANSMITTER

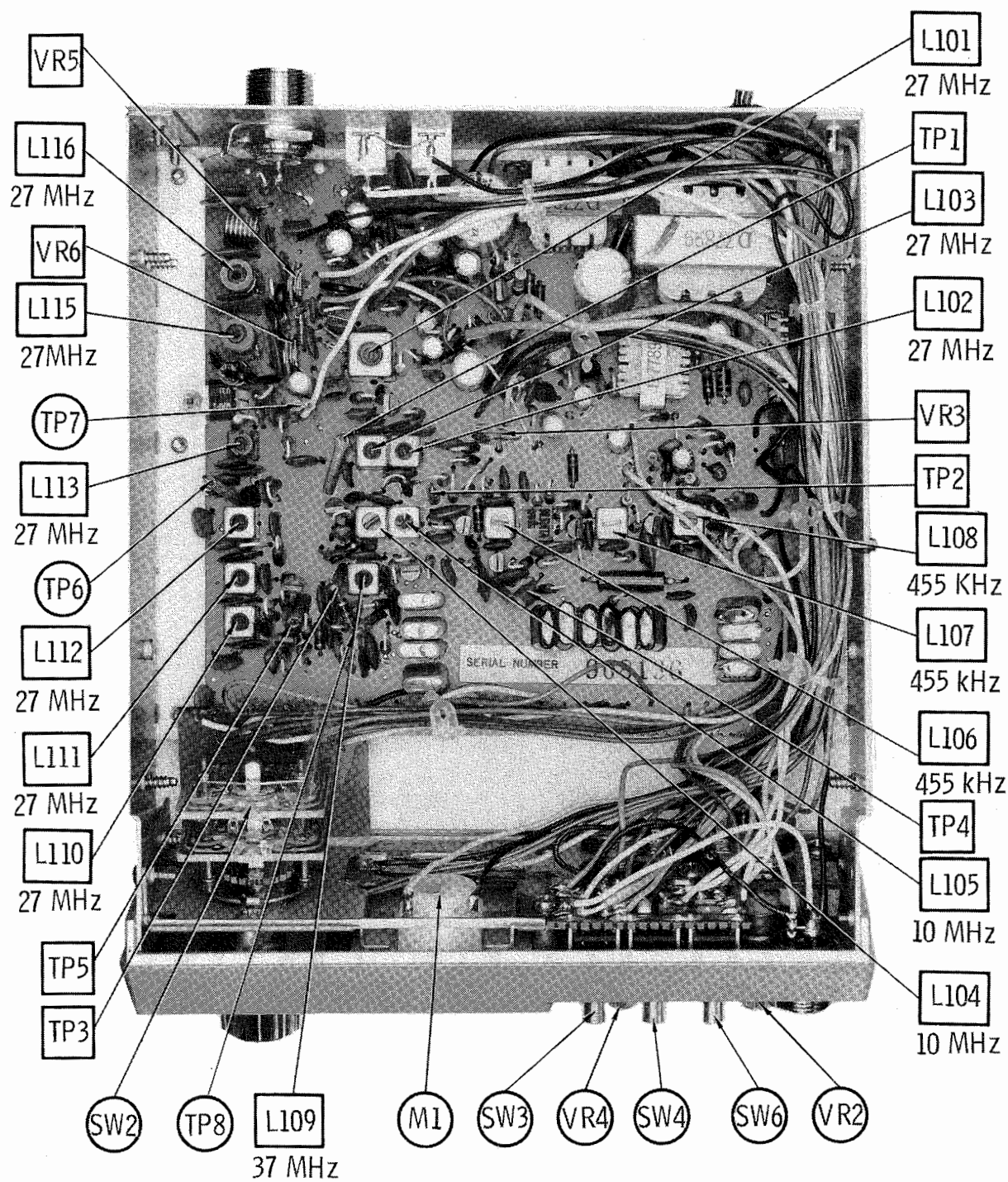
Connect an RF Wattmeter or 50-ohm, 25-watt dummy load to antenna connector.
Adjustments made with 14-volt DC.

INDICATOR	ADJUST	REMARKS
BUFFER, DRIVER, FINAL Input of RF Wattmeter to antenna jack, common to ground.	L112, L113, L115, L116	Channel selector to Ch. 9. Key transmitter. Adjust for maximum.
OUTPUT POWER Input of RF Wattmeter to antenna jack, common to ground.	L115, L116	Key transmitter. Adjust for 3.1 watts output.

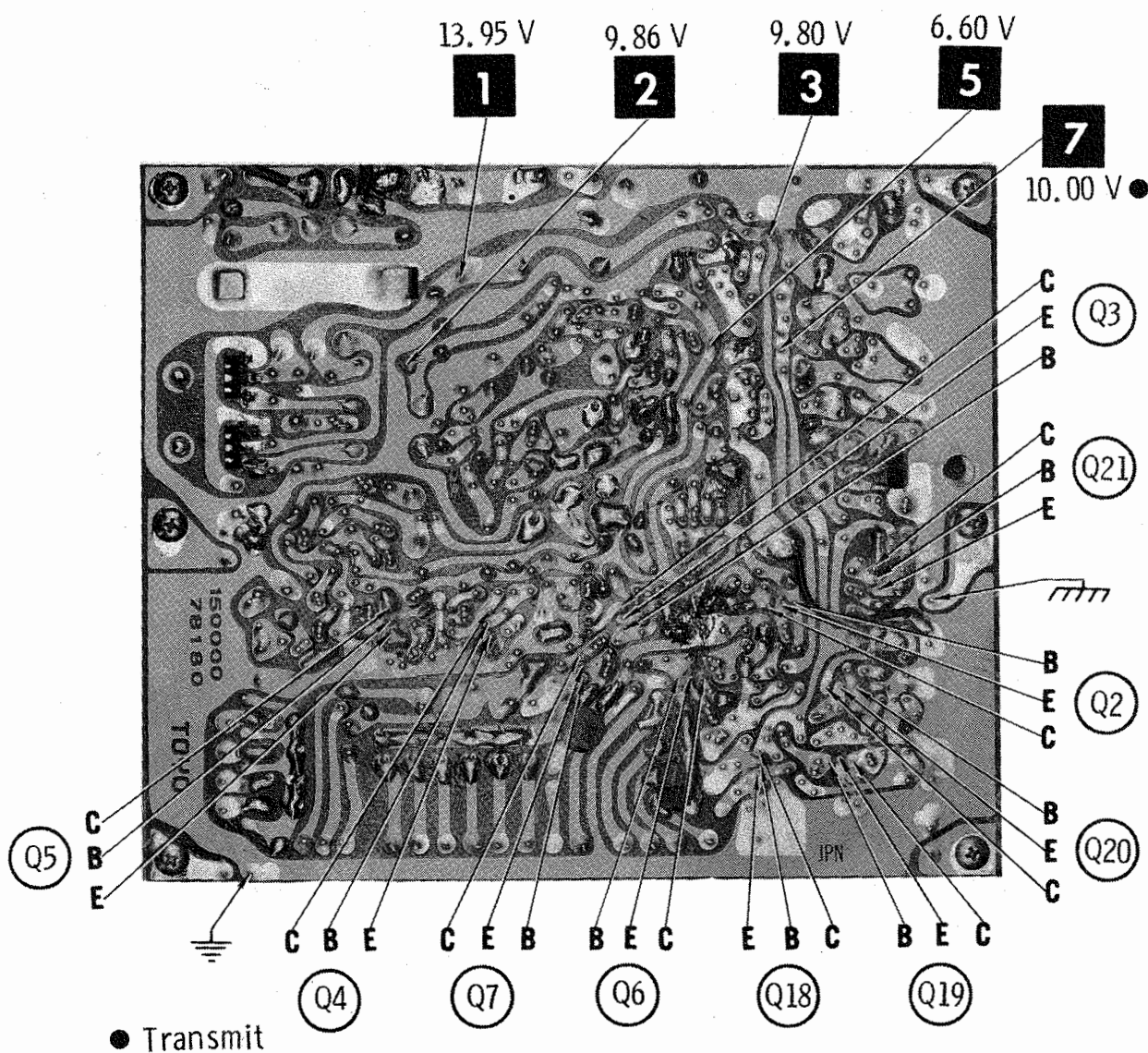
TRANSMITTER ADJUSTMENTS

Connect an RF Wattmeter or 50-ohm, 25-watt dummy load to antenna connector.
Adjustments made with 14-volt DC.

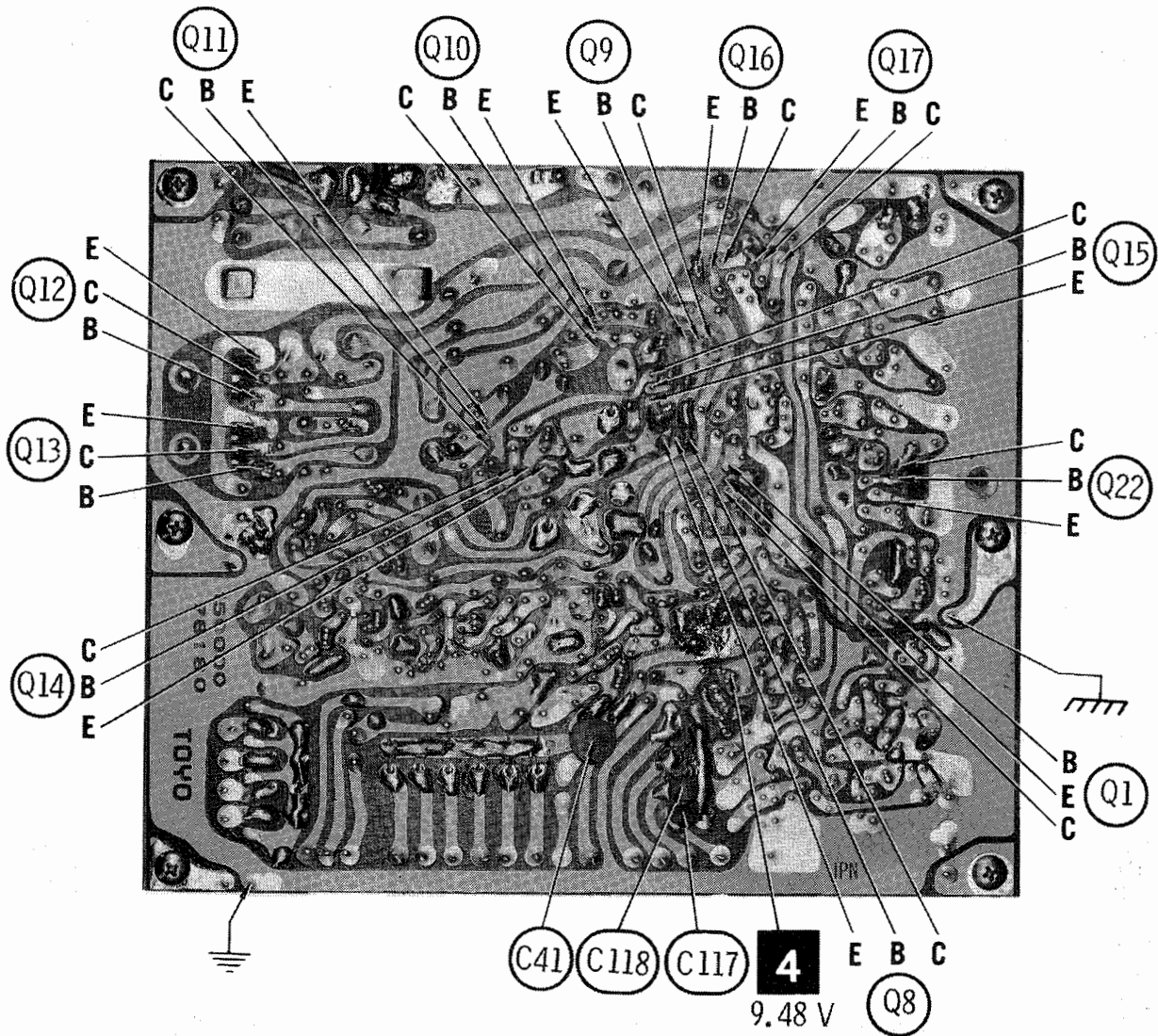
INDICATOR	ADJUST	REMARKS
AMC Input of modulation Meter to antenna jack, common to ground.	VR6	Inject a 1000Hz 2mV audio signal at mic input. Key transmitter. Adjust for 50% modulation maximum.
RF PANEL METER Input of RF Wattmeter to antenna jack, common to ground.	VR5	Key transmitter. Adjust so that panel RF meter agrees with RF wattmeter. (2/3 scale).



CHASSIS-BOTTOM

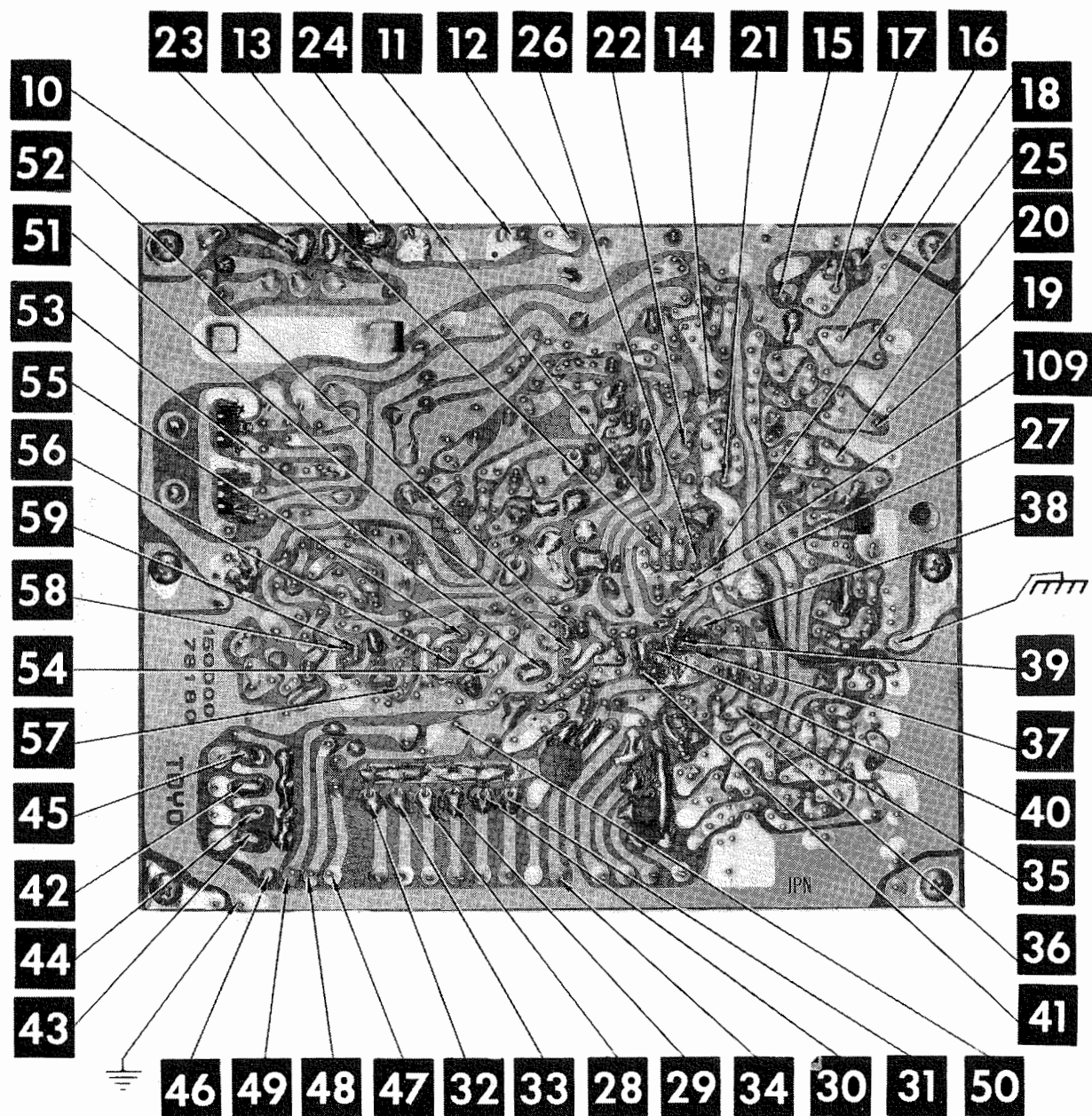


MAIN BOARD



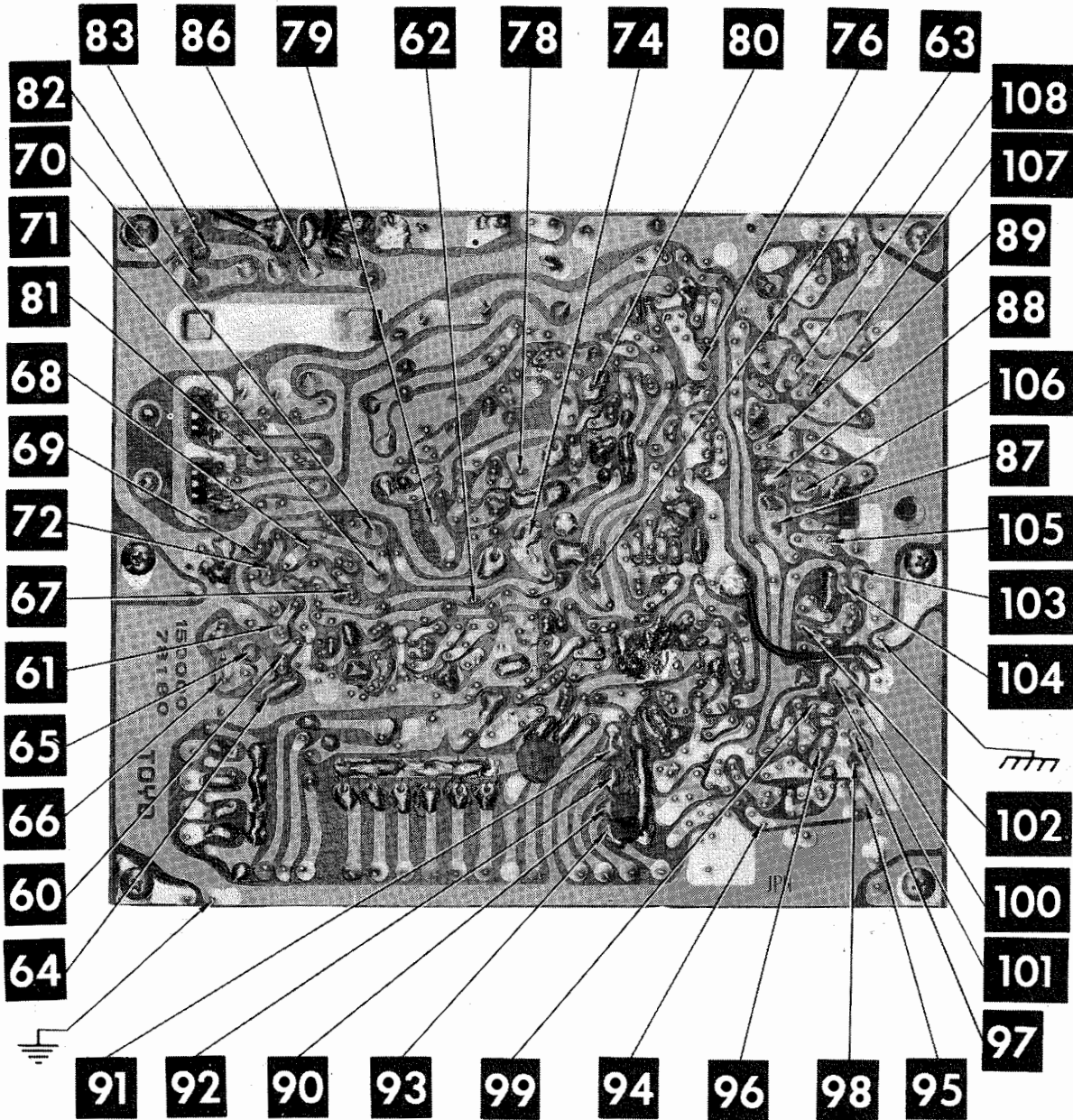
SURVEYOR MODEL 2600

MAIN BOARD

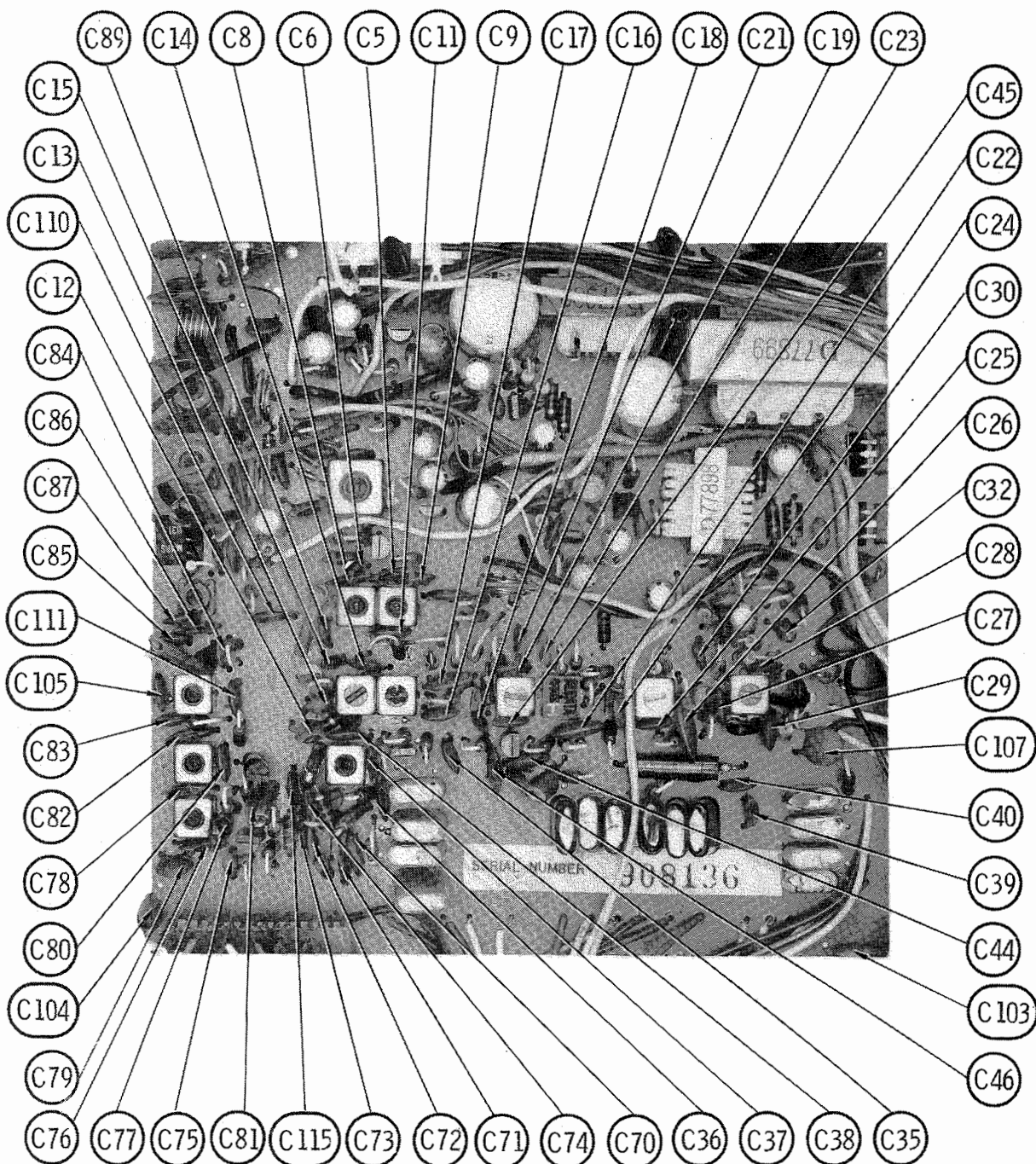


MAIN BOARD

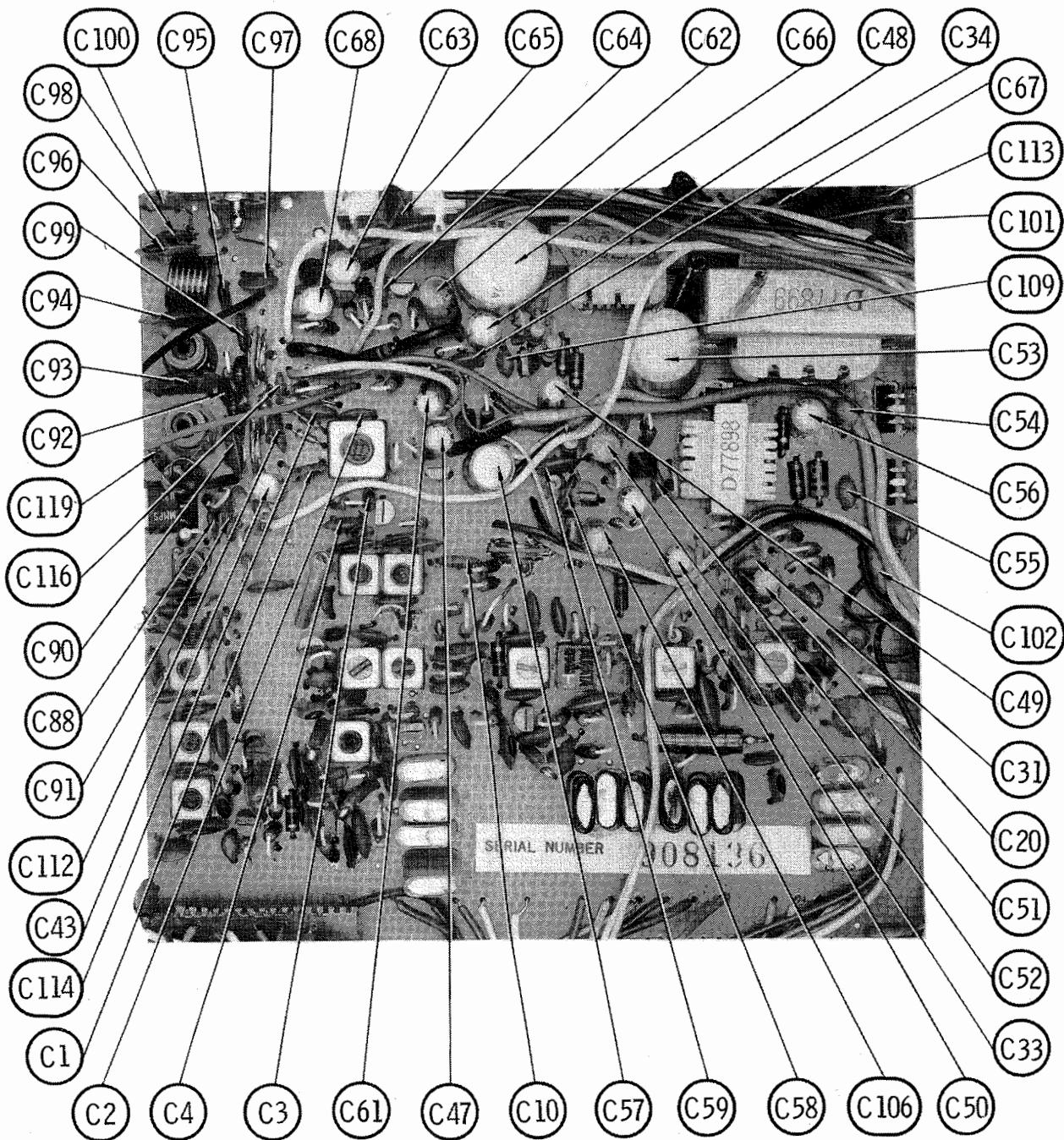
SURVEYOR MODEL 2600



MAIN BOARD

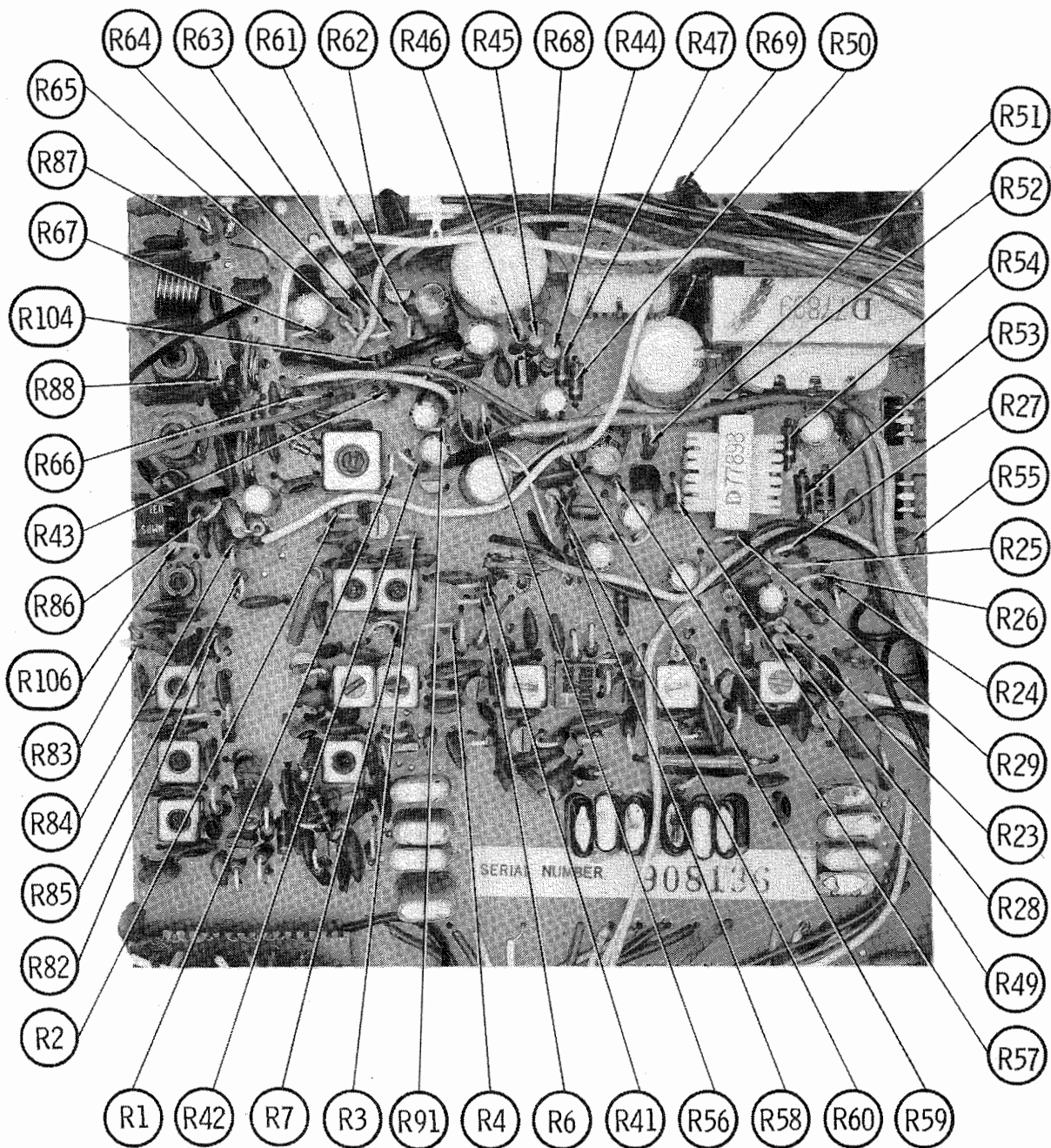


MAIN BOARD

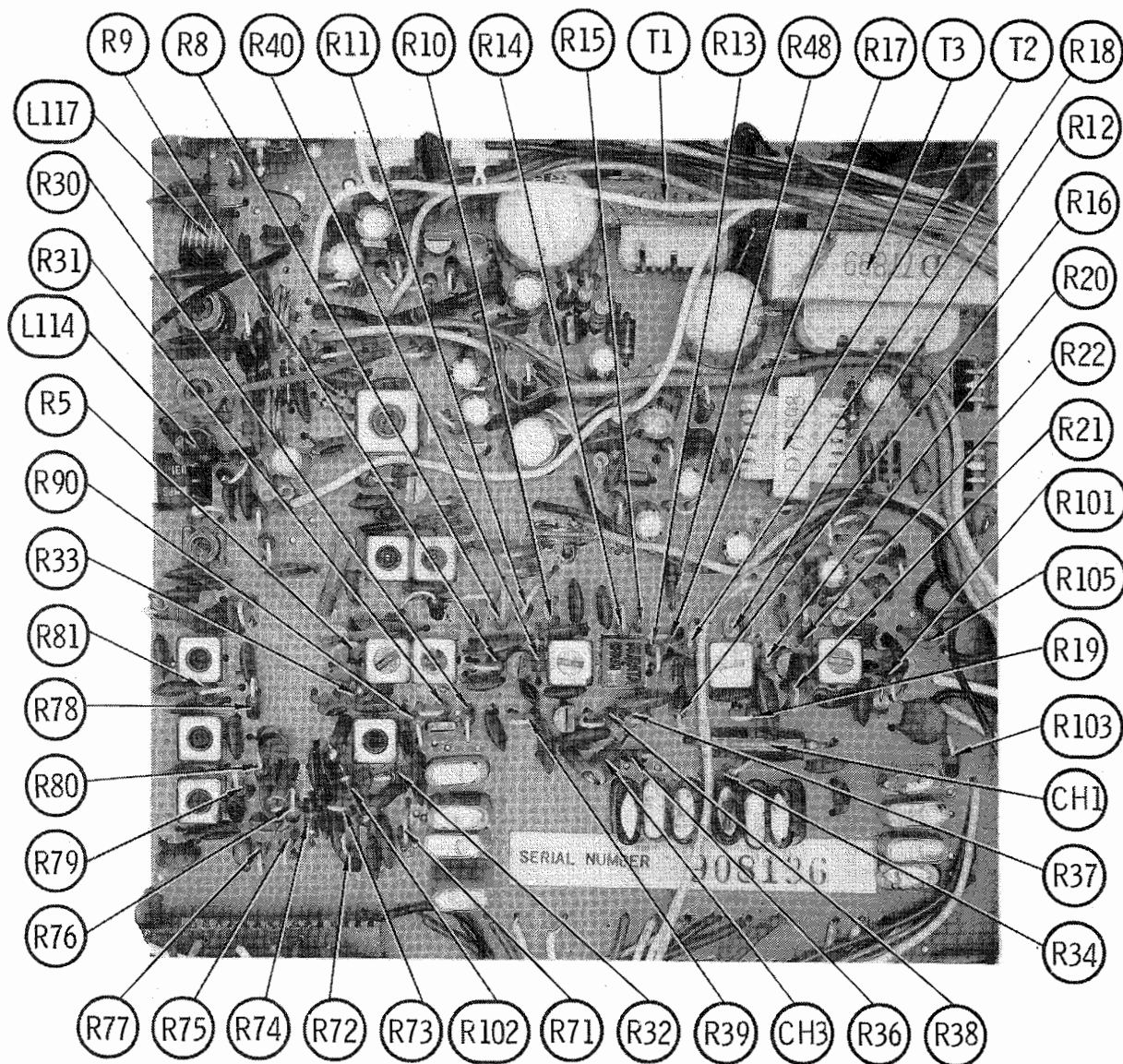


SURVEYOR MODEL 2600

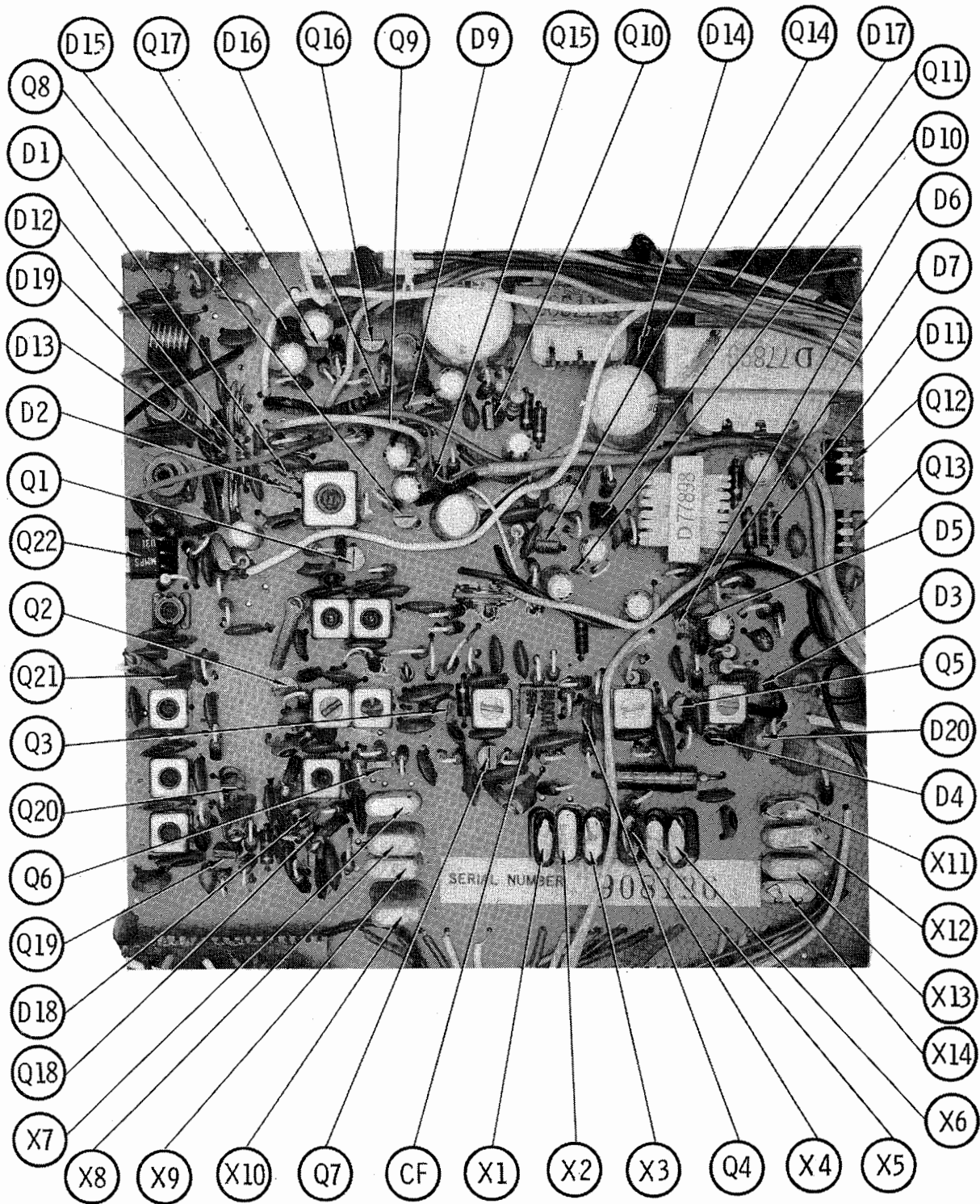
MAIN BOARD



MAIN BOARD



MAIN BOARD



MAIN BOARD

PARTS LIST AND DESCRIPTION

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

SEMICONDUCTORS (Select replacement transistor for best results)

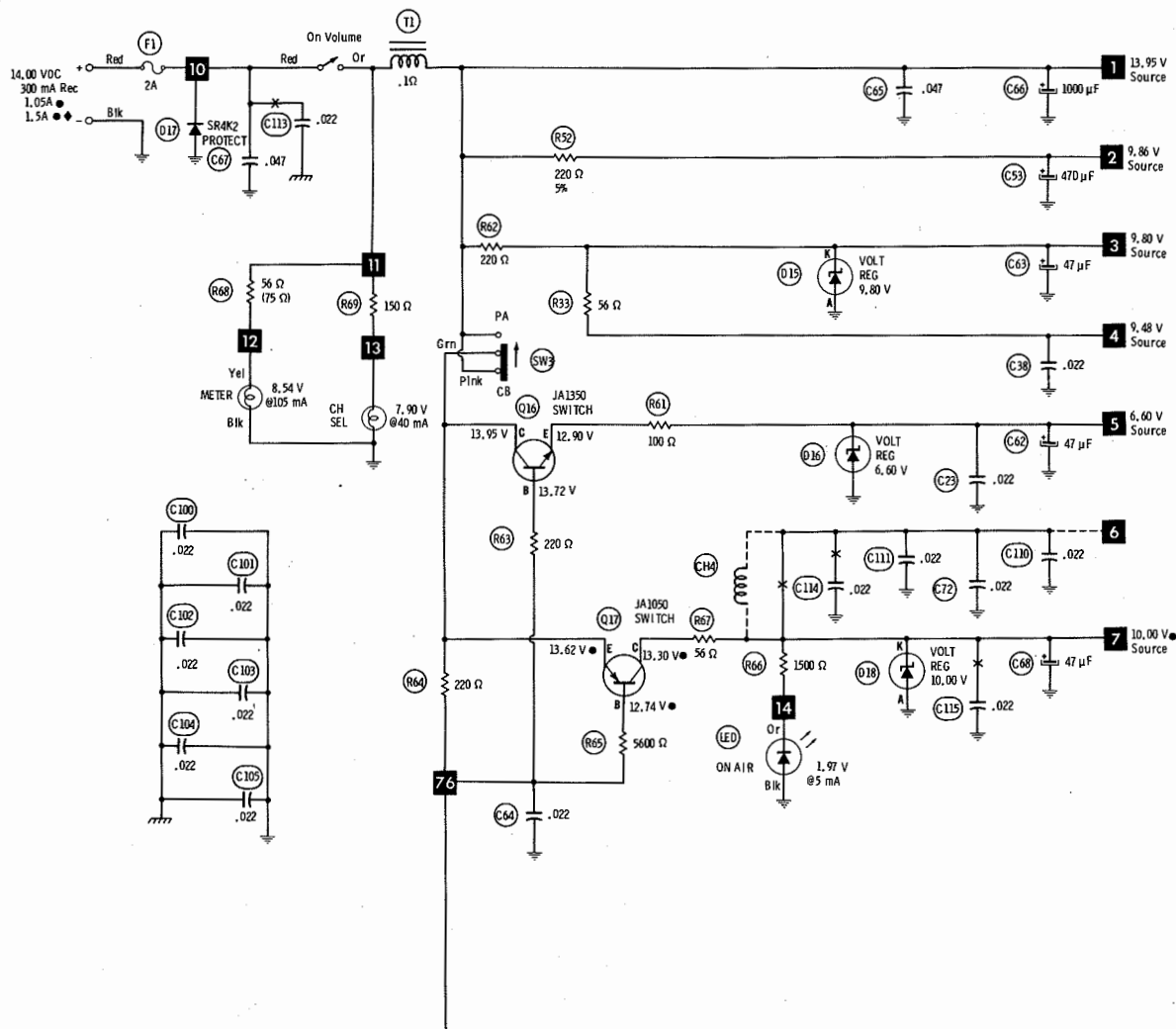
ITEM No.	TYPE No.	MFR. PART No.	REPLACEMENT DATA							
			GENERAL ELECTRIC PART No.	IR WORKMAN PART No.	MALLORY PART No.	MOTOROLA PART No.	RAYTHEON PART No.	RCA PART No.	SPRAGUE PART No.	SYLVANIA PART No.
D1	1S2473	16411992473	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D2	1S2473	16411992473	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D3	1S188AM	16411190188	1N34AS	1N34A	PTC207	HEPR9134	RE 47	SK3087	RT-200	ECG109
D4	1S188AM	16411190188	1N34AS	1N34A	PTC207	HEPR9134	RE 47	SK3087	RT-200	ECG109
D5	1S188AM	16411190188	1N34AS	1N34A	PTC207	HEPR9134	RE 47	SK3087	RT-200	ECG109
D6	1S188AM	16411190188	1N34AS	1N34A	PTC207	HEPR9134	RE 47	SK3087	RT-200	ECG109
D7	1S2473VE	16461992473	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D8	1S2473VE	16461992473	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D9	1S2473VE	16461992473	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D10	1S2473VE1	16461992473	GE-300	D200	PTC214	HEPR0602	RE 52	SK3100	RT-218	ECG177
D11	SR1K2	16515991002	GE-504A	5A4D	PTC201	HEPR0052	RE 49	SK3030	RT-213	ECG116
D12	1S188AM	16411190188	1N34AS	1N34A	PTC207	HEPR9134	RE 47	SK3087	RT-200	ECG109
D13	1S188AM	16411190188	1N34AS	1N34A	PTC207	HEPR9134	RE 47	SK3087	RT-200	ECG109
D14	SR1K2	16515991002	GE-504A	5A4D	PTC201	HEPR0052	RE 49	SK3030	RT-213	ECG116
D15	1N5856B	16602995856	GEZD-10	Z1206	ZB108	HEPZ0409	RE 110	SK3061	RT-241	ECG140
D16	EQA01-07	16602990107	GEZD-6.8	Z1206	ZB6.8A	HEPZ0409	RE 110	SK3061	RT-238	ECG5071
D17	SR1K2	16515991002	GE-504A	5A4D	PTC201	HEPR0052	RE 49	SK3030	RT-213	ECG116
D18	1N5856B	16602995856	GEZD-10	Z1206	ZB108	HEPZ0409	RE 110	SK3061	RT-241	ECG140
D19	1S188AM	16411190188	1N34AS	1N34A	PTC207	HEPR9134	RE 47	SK3087	RT-200	ECG109
D20	1S188AM	16411190188	1N34AS	1N34A	PTC207	HEPR9134	RE 47	SK3087	RT-200	ECG109
LED	SEL-103R	16669990103								
Q1	JSP7001B	16304197001	GE-20	TR-21	PTC136	HEPS0015	RE 13	SK3122	RT-172	ECG123A
Q2	JSP7001B	16304197001	GE-20	TR-21	PTC136	HEPS0015	RE 13	SK3122	RT-172	ECG123A
Q3	JSP7001B	16304197001	GE-20	TR-21	PTC136	HEPS0015	RE 13	SK3122	RT-172	ECG123A
Q4	JA1350W	16304191350	GE-212	TR-21	PTC139	HEPS0015	RE 192	SK3122	RT-172	ECG199
Q5	JA1350W	16304191350	GE-212	TR-21	PTC139	HEPS0015	RE 192	SK3122	RT-172	ECG199
Q6	JSP7001B	16304197001	GE-20	TR-21	PTC136	HEPS0015	RE 13	SK3122	RT-172	ECG123A
Q7	JSP7001B	16304197001	GE-20	TR-21	PTC136	HEPS0015	RE 13	SK3122	RT-172	ECG123A
Q8	JA1350W	16304191350	GE-212	TR-21	PTC139	HEPS0015	RE 192	SK3122	RT-172	ECG199
Q9	JA1350W	16304191350	GE-212	TR-21	PTC139	HEPS0015	RE 192	SK3122	RT-172	ECG199
Q10	JA1350W	16304191350	GE-212	TR-21	PTC139	HEPS0015	RE 192	SK3122	RT-172	ECG199
Q11	JA1600G	16304191600	GE-62	TR-24	PTC121	HEPS0015	RE 13	SK3124	RT-109	ECG123A
Q12	MJE9400	16304199400	GE-55		PTC163	HEPS5000	RE 38		RT-194	ECG182
Q13	MJE9400	16304199400	GE-55		PTC163	HEPS5000	RE 38		RT-194	ECG182
Q14	JA1350W	16304191350	GE-212	TR-21	PTC139	HEPS0015	RE 192	SK3122	RT-172	ECG199
Q15	JA1350W	16304191350	GE-212	TR-21	PTC139	HEPS0015	RE 192	SK3122	RT-172	ECG199
Q16	JA1350W	16304191350	GE-212	TR-21	PTC139	HEPS0015	RE 192	SK3122	RT-172	ECG199
Q17	JA1050W	16004191050	GE-21	TR-30	PTC103	HEPS0019	RE 26	SK3114	RT-126A	ECG159
Q18	JA1350W	16304191350	GE-212	TR-21	PTC139	HEPS0015	RE 192	SK3122	RT-172	ECG199
Q19	JSP7001B	16304197001	GE-20	TR-21	PTC136	HEPS0015	RE 13	SK3122	RT-172	ECG123A
Q20	JSP7001B	16304197001	GE-20	TR-21	PTC136	HEPS0015	RE 13	SK3122	RT-172	ECG123A
Q21	MPS8000	16304198000	GE-219	TR-65	PTC179	HEPS3001	RE 79	SK3048	RT-182	ECG195A
Q22	MPSU31	16304190031							RT-186	ECG302

(10) Rating, 1.0 watt @ 500 mA.

SURVEYOR MODEL 2600

ELECTROLYTIC CAPACITORS

ITEM No.	RATING	REPLACEMENT DATA			
		MFR. PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.
C20	10 16V	12313091005	PC10-25	VTT10A25	EV-1222
C32	.15 35V	12436091503		TDC154M050EL	SD50-RT59
C33	1 25V	12314191004	PC1-50	TT25X1	EV-1315
C43	1 25V	12314191004	PC1-50	TT25X1	EV-1315
C47	10 16V	12313091005	PC10-25	VTT10A25	EV-1222
C48	10 16V	12313091005	PC10-25	VTT10A25	EV-1222
C49	1 25V	12314191004	PC1-50	TT25X1	EV-1315
C50	1 25V	12314191004	PC1-50	TT25X1	EV-1315
C52	100 10V	12312091006	PC100-10	VTT100E10	EV-1130
C53	470 16V	12313094706	PC500-16	VTT470J16	EV-1250
C56	1 50V NP	12396391004	WNP1-50	TCN501A	TVAN-1560
C57	100 10V	12312094705	PC100-10	VTT100E10	EV-1130
C61	3.3 25V	12314193304	PC5-50	VTT3R3A50	EV-1318
C62	47 10V	12312094705	PC50-16	VTT47D16	EV-1226
C63	47 10V	12312094705	PC50-16	VTT47D16	EV-1226
C66	1000 16V	12313091007	PC30-50	MTA30E50	EV-1525
C68	47 10V	12312094705	PC50-16	VTT47D16	EV-1226
C106	10 16V	12313091005	PC10-25	VTT10A25	EV-1222



—X— Circuitry not used in some versions

--- Circuitry used in some versions

⊙ See ports list

* Nominal value

⊕ Ground

⏏ Chassis

▽ Common tie point

Measurements with switching as shown unless noted:

■ Squelch fully clockwise ◆ 100% modulation

● Transmit

Supply voltage maintained as shown at input.

Voltages measured with digital meter, no signal.

Controls adjusted for normal operation.

Arrow at control indicates direction of advance.

Terminal identification may not be found on unit.

Resistors are 1/2W or less, 5% unless noted.

Value in () used in some versions.

A PHOTOFAC STANDARD NOTATION SCHEMATIC

WITH CIRCUITTRACE

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Q1
Q2
Q3
Q6
Q7
Q19
Q20
Bottom view



Q4
Q5
Q8 thru Q11
Q14 thru Q18
Q21
Bottom view



IDENT
E C B
Q12
Q13
Front view

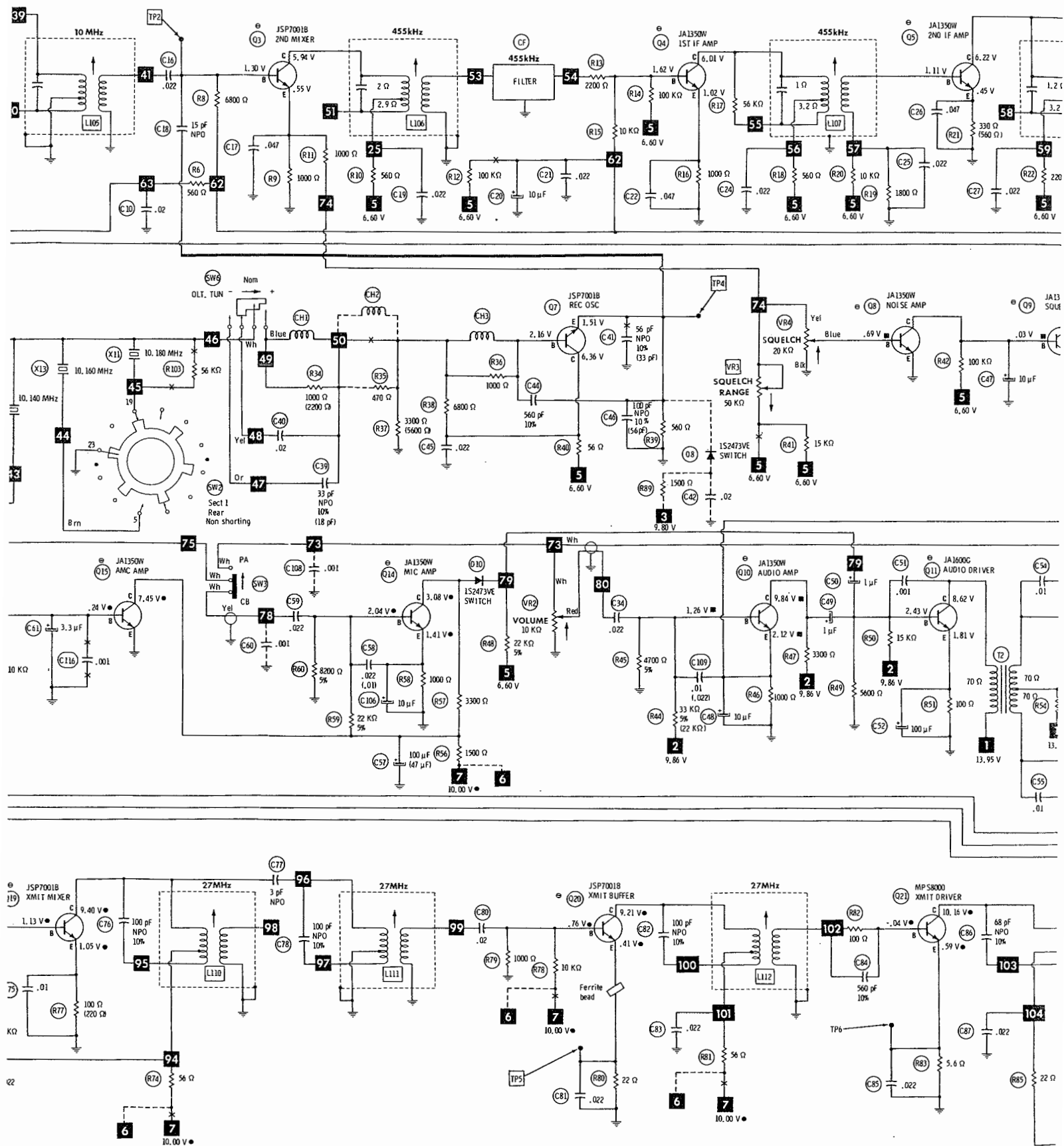


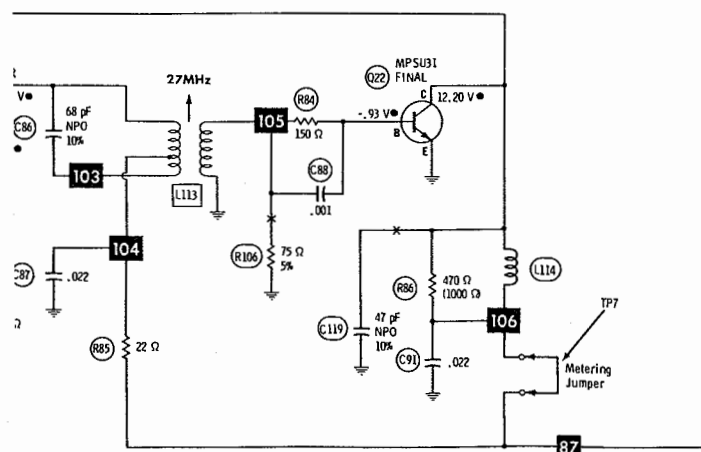
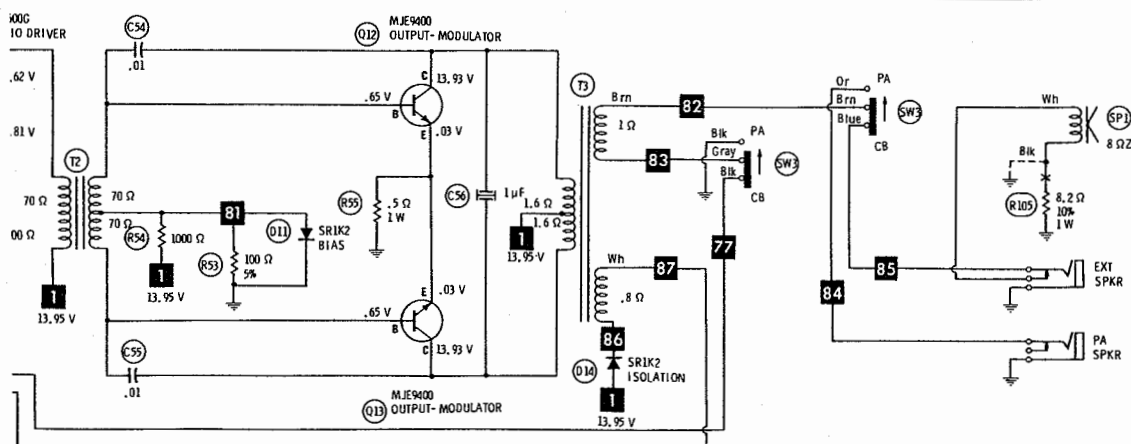
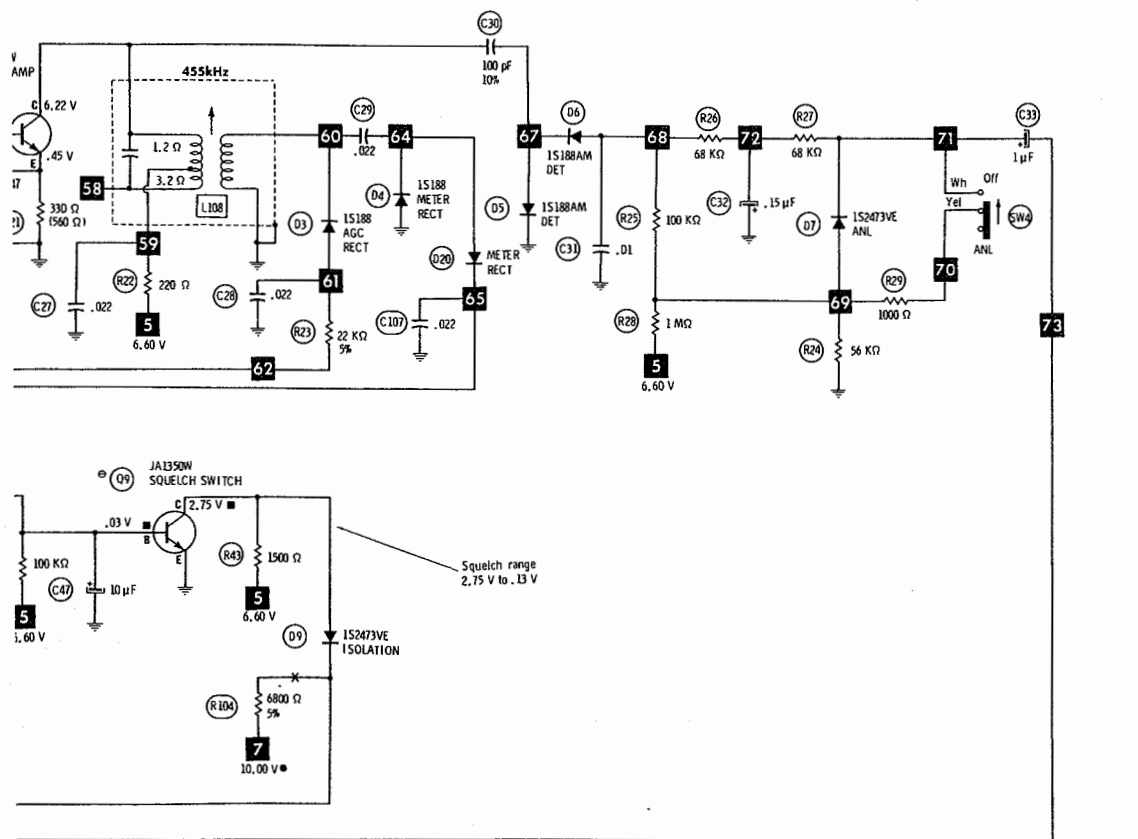
IDENT
E B C
Q22
Front view



D15
D18
Bottom view

Chan	Crystal Complement	Chan	Crystal Complement	Chan	Crystal Complement	Chan	Crystal Complement
1	X1, X11, X7	7	X2, X13, X9	13	X4, X11, X7	19	X5, X13, X9
2	X1, X12, X8	8	X2, X14, X10	14	X4, X12, X8	20	X5, X14, X10
3	X1, X13, X9	9	X3, X11, X7	15	X4, X13, X9	21	X5, X11, X7
4	X1, X14, X10	10	X3, X12, X8	16	X4, X14, X10	22	X5, X12, X8
5	X2, X11, X7	11	X3, X13, X9	17	X5, X11, X7		
6	X2, X12, X8	12	X3, X14, X10	18	X5, X12, X8	23	X5, X14, X10





SURVEYOR MODEL 2600

PARTS LIST AND DESCRIPTION (CONTINUED)

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

PARTS LIST

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

CAPACITORS

ITEM No.	RATING	MFR. PART No.	REPLACEMENT DATA			
			CENTRALAB PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.
C1	31 10% NPO		UK50-223		MAG5012	10TCC-Q30
C2	.022				HY-725	
C3	12 10% NPO		UK50-223		CN0412	10TCC-Q12
C4	.022		DTZ-68	NP068	MAG5012	HY-725
C5	68 10% NPO		DTZ-4R7	NP04P7	CN0468	10TCC-Q68
C6	4 NPO		DTZ-68	NP068	CN0547	10TCC-V47
C8	68 10% NPO		UK50-223		CN0468	10TCC-Q68
C9	.022		UK50-223		MAG5012	HY-725
C10	.02		UK50-223		MAG5012	HY-725
C11	.022		UK50-223		MAG5012	HY-725
C12	22 NPO		DTZ-22	NP022	CN0422	10TCC-Q22
C13	.01 25V		UK50-103		MAG5011	HY-520
C14	.022		DC-203	MGP02	TA120	TG-S20
C15	3 NPO		DTZ-3R3	NP03P3	CN0533	10TCC-V33
C16	.022		UK50-223		MAG5012	HY-725
C17	.047 25V		UK50-503		MAG5015	HY-735
C18	15 NPO		DTZ-15	NP015	CN0415	10TCC-Q15
C19	.022		UK50-223		MAG5012	HY-725
C21	.022		UK50-223		MAG5012	HY-725
C22	.047 25V		UK50-503		MAG5015	HY-735
C23	.022		UK50-223		MAG5012	HY-725
C24	.022		UK50-223		MAG5012	HY-725
C25	.022		UK50-223		MAG5012	HY-725
C26	.047 25V		UK50-503		MAG5015	HY-735
C27	.022		UK50-223		MAG5012	HY-725
C28	.022		UK50-223		MAG5012	HY-725
C29	.022		UK50-223		MAG5012	HY-725
C30	100 10%		DD-101	GP100	GP310	10TS-T10
C31	.01 25V		UK50-103		MAG5011	HY-520
C34	.022 25V		UK50-223		MAG5012	HY-725
C35	.022		UK50-223		MAG5012	HY-725
C36	100 10% NPO		DD-101	GP100	GP310	10TS-T10
C37	39 10% NPO				CN0439	10TCC-Q39
C38	.022		UK50-223		MAG5012	HY-725
C39	33 10% NPO		DTZ-33	NP033	CN0433	10TCC-Q33
C40	.02		UK50-223		MAG5012	HY-725
C41	56 10% NPO				CN0456	10TCC-Q56
C42	.02		UK50-223		MAG5012	HY-725
C44	560 10%		DD-561		GP356	10TS-T56
C45	.022		UK50-223		MAG5012	HY-725
C46	100 10% NPO		DTZ-100	NP0100	CN0310	10TCC-T10
C51	.001		DD-102G	GP1000	GP210	5GA-D10
C54	.01 25V		UK50-103		MAG5011	HY-520
C55	.01 25V		UK50-103		MAG5011	HY-520
C58	.022 25V		UK50-223		MAG5012	HY-725
C59	.022 25V		UK50-223		MAG5012	HY-725
C60	.001 25V		DD-102G	GP1000	GP210	5GA-D10
C64	.022		UK50-223		MAG5012	HY-725
C65	.047 25V		UK50-503		MAG5015	HY-735
C67	.047 25V		UK50-503		MAG5015	HY-735
C69	33 10% NPO		DTZ-33	NP033	CN0433	10TCC-Q33
C70	560 10%		DD-561		GP356	10TS-T56
C71	47 10% NPO		DTZ-47	NP047	CN0447	10TCC-Q47
C72	.022		UK50-223		MAG5012	HY-725
C73	39 10% NPO				CN0439	10TCC-Q39
C74	10 10% NPO		DTZ-10	NP010	CN0410	10TCC-Q10
C75	.01 25V		UK50-103		MAG5011	HY-520
C76	100 10% NPO		DTZ-100	NP0100	CN0310	10TCC-T10
C77	3 NPO		DTZ-3R3	NP03P3	CN0533	10TCC-V33
C78	100 10% NPO		DTZ-100	NP0100	CN0310	10TCC-T10
C79	.022		UK50-223		MAG5012	HY-725
C80	.02		UK50-223		MAG5012	HY-725
C81	.022		UK50-223		MAG5012	HY-725
C82	100 10% NPO		DTZ-100	NP0100	CN0310	10TCC-T10
C83	.022		UK50-223		MAG5012	HY-725
C84	560 10%		DD-561		GP356	10TS-T56
C85	.022		UK50-223		MAG5012	HY-725
C86	68 10% NPO		DTZ-68	NP068	CN0468	10TCC-Q68
C87	.022		UK50-223		MAG5012	HY-725
C88	.001 +.5% 25V	12520191001				
C89	100 10%		DD-101	GP100	GP310	10TS-T10
C90	220 5%		DTZ-220			10TCC-T22
C91	.022		UK50-223		MAG5012	HY-725
C92	2 NPO		DTZ-2R2	NP02P2	CN0522	10TCC-V22
C93	180 5% NPO		DTZ-180			10TCC-T18
C94	220 5% NPO		DTZ-220			10TCC-T22
C95	33 10% NPO		DTZ-33	NP033	CN0433	10TCC-Q33

CAPACITORS

ITEM No.	
C96	150
C97	.02
C98	.02
C99	.02
C100	.02
C101	.02
C102	.02
C103	.02
C104	.02
C105	.02
C107	.02
C108	.02
C109	.02
C110	.02
C111	.02
C112	.02
C113	.02
C114	.02
C115	.02
C116	.02
C117	18
C118	18
C119	47

CONTR

ITEM No.	
VR2	V
VR3	S
VR4	S
VR5	R
VR6	A

(5) Num

COILS (

ITEM No.	
L101	Re
L102	Re
L103	Re
L104	Re
L105	Re
L106	IF
L107	IF
L108	IF
L109	Sy
L110	Xm
L111	Ha
L112	Xm
L113	Xm
L114	RF
L115	Fi
L116	Pi
L117	Pi
CH1	RF
CH2	RF
CH3	RF
CH4	RF

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.
C96	150 10% NPO		DTZ-150		CN0315	10TCC-T15
C97	.022		UK50-223		MAG5012	HY-725
C98	.022		UK50-223		MAG5012	HY-725
C99	.022		UK50-223		MAG5012	HY-725
C100	.022		UK50-223		MAG5012	HY-725
C101	.022		UK50-223		MAG5012	HY-725
C102	.022		UK50-223		MAG5012	HY-725
C103	.022		UK50-223		MAG5012	HY-725
C104	.022		UK50-223		MAG5012	HY-725
C105	.022		UK50-223		MAG5012	HY-725
C107	.022		UK50-223		MAG5012	HY-725
C108	.001		DD-102G	GP1000	GP210	5GA-D10
C109	.01		UK50-103		MAG5011	
C110	.022		UK50-223		MAG5012	HY-725
C111	.022		UK50-223		MAG5012	HY-725
C112	.022		UK50-223		MAG5012	HY-725
C113	.022		UK50-223		MAG5012	HY-725
C114	.022		UK50-223		MAG5012	HY-725
C115	.022		UK50-223		MAG5012	HY-725
C116	.001		DD-102G	GP1000	GP210	5GA-D10
C117	18 NPO				CN0418	10TCC-Q18
C118	18 NPO				CN0418	10TCC-Q18
C119	47 10% NPO		DTZ-47	NP047	CN0447	10TCC-Q47

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

ITEM No.	FUNCTION	RESISTANCE	REPLACEMENT DATA				
			MFR. PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	MALLORY PART No.	TRW PART No.
VR2	Volume	10K	01166061055 966-61055(5)				
VR3	Squelch Range	50K	01736487800	T-50K	C-503	MTC54L1	X201R503B
VR4	Squelch	20K	01176061056 966-61056(5)				
VR5	RF Meter	50K	01736487800	T-50K	C-503	MTC54L1	X201R503B
VR6	AMC	50K	01736487800	T-50K	C-503	MTC54L1	X201R503B

(5) Number on unit.

COILS (RF-IF)

ITEM No.	FUNCTION	REPLACEMENT DATA			REMARKS
		PART No.	OTHER IDENTIFICATION	MILLER PART No.	
L101	Rec Ant (27MHz)	00009077884			
L102	Rec RF (27MHz)	00009077885			
L103	Rec RF (27MHz)	00009077885			
L104	Rec Mixer (10MHz)	00100077886			
L105	Rec Mixer (10MHz)	00100077886			
L106	IF (455kHz)	00700077887			
L107	IF (455kHz)	00701078170			
L108	IF (455kHz)	00702078171			
L109	Synth Csc (37MHz)	00009077888			
L110	Xmit Mixer (27MHz)	00009077889			
L111	Harmonic Suppressor (27MHz)	00009077889			
L112	Xmit Buffer (27MHz)	00009077889			
L113	Xmit Driver (27MHz)	00009077890			
L114	RF Choke	00009077891			
L115	Final Load (27MHz)	00079077892			
L116	Pi Filter (27MHz)	00079077893			
L117	Pi Filter (27MHz)	00056077894			
CH1	RF Choke	00022077896			
CH2	RF Choke	00022086343			
CH3	RF Choke	00022086343			
CH4	RF Choke	00022086343			

PARTS LIST AND DESCRIPTION (CONTINUED)

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

FILTER CHOKE

ITEM No.	RATINGS			REPLACEMENT DATA			NOTES
	CURRENT (Measured)	DC RES.	INDUCTANCE (0 CURRENT 1000 ~)	MFGR. PART No.	THORDARSON PART No.	TRIAD PART No.	
T1	1 5A	.1	1.8mH	10429877900 D77900 (1)			(1) Number on unit.

TRANSFORMER (Driver)

ITEM No.	TURNS RATIO			REPLACEMENT DATA			NOTES
	PRI.	SEC. 1	SEC. 2	MFGR. PART No.	THORDARSON PART No.	TRIAD PART No.	
T2	1	1		10203877898 D77898 (1)			(1) Number on unit.

TRANSFORMER (Audio Output)

ITEM No.	IMPEDANCE		REPLACEMENT DATA			NOTES
	PRI.	SEC.	MFGR. PART No.	THORDARSON PART No.	TRIAD PART No.	
T3	72	8	10376877899 D77899 (1)			(1) Number on unit

SPEAKER

ITEM No.	TYPE	REPLACEMENT DATA		NOTES
		MFGR. PART No.	QUAM PART No.	
SP	3" PM 8 ohms	03170061058	30A0528	

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	2A Fast Acting	15124088858	05620078115	AGC2	HDJ	312002	150145	FG2-2	

PARTS LIST AND DESCRIPTION (CONTINUED)

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

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	13219061057	18-032	18-034	18-010	18-092	3	4	2	1	NC	4

CRYSTALS

ITEM No.	CRYSTAL FREQUENCY IN MHz	MFGR. PART No.	CTS KNIGHTS PART No.	CHANNEL	ITEM No.	CRYSTAL FREQUENCY IN MHz	MFGR. PART No.	CTS KNIGHTS PART No.	CHANNEL
X1	37.600	06300077870	DA14W37.600	1,2,3,4	X8	10.625	06300077877	DB20W10.625	2,6,10,14,18,22
X2	37.650	06300077871	DA14W37.650	5,6,7,8	X9	10.615	06300077878	DB20W10.615	3,7,11,15,19
X3	37.700	06300077872	DA14W37.700	9,10,11,12	X10	10.595	06300077879	DB20W10.595	4,8,12,16,20,23
X4	37.750	06300077873	DA14W37.750	13,14,15,16	X11	10.180	06300077880	DA90W10.180	1,5,9,13,17,21
X5	37.800	06300077874	DA14W37.800	17,18,19,20	X12	10.170	06300077881	DA90W10.170	2,6,10,14,18,22
X6	37.850	06300077875	DA14W37.850	21,22,23	X13	10.160	06300077882	DA90W10.160	3,7,11,15,19
X7	10.635	06300077876	DB20W10.635	1,5,9,13,17,21	X14	10.140	06300077883	DA90W10.140	4,8,12,16,20,23

SURVEYOR MODEL 2600

MISCELLANEOUS

ITEM No.	PART NAME	PART No.	NOTES
CF	Filter	06312077897	(CFU-455H) 455
M1	Meter	07091061059	S/R F (400mA)
SW2	Switch	04192561060	Channel Selector
SW3	Switch	04892061218	PA/CB
SW4	Switch	04892061219	ANL
SW6	Switch	04894061220	Delta Tune
	Printed Circuit Board	15000078180	Main

WIRING DATA

General-use Hook-up Wire	Use BELDEN No. 8530 (Solid) Available in 12 Colors 8524 (Stranded) Available in 12 Colors
Power Cord, 2-Wire	Use BELDEN No. 17106 (Plastic) or 17126 (Rubber) -6 feet 17109 (Plastic) or 17129 (Rubber) -9 feet
Shielded Antenna Lead	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	Use BELDEN No. 7300-Series Spark-Plug Sets
Bonding Strap	Use BELDEN No. 8661 (3/8 inch)

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23-02	38	SST (LP)		Classic	25	L-1000	18	CB-10	9
AIRLINE		(Ser. No. T-50000	81	Classic II	30	L-2000	17	CB-12	11
GAS-587	4	& up)		Comet 23	48	SFT-400	35	CB-14/-17	12
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A-2533 (17B6440X)	22	C-75	11	Courier Royale	14	SFT-900		CB-24	22
A-2543 (17-9801S)	21	500/C	3	Courier TR-5	16	(Guardman)	37	PS-20	20
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A-2561 (21B5561)	35	CAPITOL		Cruiser	79	T-707	43	HAMMARLUND	
A-2564 (17A6966U)	29	ND-309	3	CWT-30	29	T-808	38	CB-SIX (CB-6)	7
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