SECTION VI PARTS LIST

ITEM	DESCRIPTION	COLLINS PART NUMBER
	TRANSCEIVER 32RS-1C (CABINET MOUNT)	522-1189-00
	TRANSCEIVER 32RS-1	543-7336-00
В1	FAN, CENTRIFUGAL: direct connection forward curved blades, single phase 60 cps, 115 v ac, 0.30 amp, 23 w, 1550 rpm; Redmond Trailer Co.	009-1394-00
C1	part no. L-3198 CAPACITOR, FIXED, CERAMIC: 1000 uuf $\pm 20\%$, 500 v dc; MIL type CK60AW102M	913-1186-00
C2	CAPACITOR, FIXED, MICA: 100 uuf ±10%, 500 v dc; Cornell Dubilier Electric Corp. part no.	912-0495-00
C3	22R5TIEK CAPACITOR, FIXED, MICA: 10 uuf ±10%, 500 v dc; Cornell Dubilier Electric Corp. part no. 22R5QICK	912-0432-00
C4	CAPACITOR, FIXED, MICA: 68 uuf ±10%, 500 v de; Cornell Dubilier Electric Corp part no. 22R5Q68EK	912-0483-00
C5	CAPACITOR, FIXED, MICA: same as C3	912-0432-00
C6	CAPACITOR, FIXED, CERAMIC: same as C1	913-1186-00
C7	CAPACITOR, FIXED, CERAMIC: 4700 uuf ±20%,	913-1187-00
C8	500 v dc; MIL type CK62AW472M CAPACITOR, FIXED, MICA: 510 uuf ±10%, 300 v dc; Cornell Dubilier Electric Corp. part no. 22R3T51EK	912-0546-00
C9	CAPACITOR, FIXED, CERAMIC: 0.02 uf -20% +100%, 500 v dc; Sprague Electric Co. part no. 33C2	913-2142-00
C10	CAPACITOR, FIXED, CERAMIC: 10,000 uuf ±20%, 500 v de; MIL type CK63AW103M	913-1188-00
C11	CAPACITOR, VARIABLE, CERAMIC: 8.0 uuf min to 75.0 uuf max 350 v dc; Erie Resistor Corp. part no. 557018 U2PO 34R	917-1075-00
C12	CAPACITOR, FIXED, CERAMIC: same as C9	913-2142-00
C13 C14	CAPACITOR, FIXED, CERAMIC: same as C9 CAPACITOR, FIXED, MICA: 150 uuf ±10%, 500 v dc; Cornell Dubilier Electric Corp. part no. 22R5T15EK	913-2142-00 912-0507-00
C15	CAPACITOR, FIXED, MICA: same as C14	912-0507-00
C16	CAPACITOR, FIXED, CERAMIC: same as C1	913-1186-00
C17 C18	CAPACITOR, FIXED, CERAMIC: same as C10 CAPACITOR, FIXED, CERAMIC: same as C9	913-1188-00
C19	CAPACITOR, FIXED, MICA: 51 uuf ±10%, 500 v de; Cornell Dubilier Electric Corp. part no. 22R5Q51EK	913-2142-00 912-0474-00
C20	CAPACITOR, FIXED, CERAMIC: same as C7	913-1187-00
C21	CAPACITOR, FIXED, CERAMIC: same as C1	913-1186-00
C22 C23	CAPACITOR, FIXED, CERAMIC: same as C10 CAPACITOR, FIXED, CERAMIC: same as C10	913-1188-00
C24	CAPACITOR, FIXED, CERAMIC: same as C10 CAPACITOR, FIXED, CERAMIC: same as C7	913-1188-00 913-1187-00
C25	CAPACITOR, VARIABLE, CERAMIC: 5.0 to 37.5 uuf, 350 v dc; Erie Resistor Corp. part no. 557018 COPO 39R	917-1073-00
C26	CAPACITOR, FIXED, MICA: same as C3	912-0432-00
C27	CAPACITOR, FIXED, MICA: same as C3	912-0432-00
C28 C29	CAPACITOR, FIXED, CERAMIC: same as C10 CAPACITOR, FIXED, MICA: same as C8	913-1188-00 912-0546-00
C30	CAPACITOR, FIXED, MICA: same as C8 CAPACITOR, FIXED, MICA: 51 uuf ±2%, 500 v	912-0546-00
	dc; Cornell Dubilier Electric Corp. part no. 22R5Q51EG	012-01.2-00

		COLLING
ITEM	DESCRIPTION	COLLINS PART NUMBER
	0.000	0.00
C31	CAPACITOR, FIXED, CERAMIC: same as C10	913-1188-00
C32	CAPACITOR, FIXED, CERAMIC: same as C7	913-1187-00
C33	CAPACITOR, FIXED, CERAMIC: same as C10	913-1188-00
C34	CAPACITOR, FIXED, CERAMIC: same as C10	913-1188-00
C35	CAPACITOR, FIXED, MICA: 100 uuf, ±2%, 500	912-0493-00
1	v dc; Cornell Dubiler Electric Corp. part no.	
C36	22R5T1EG	019 0460 00
1 636	CAPACITOR, FIXED, MICA: 47 uuf ±2%, 500 v	912-0469-00
1	dc; Cornell Dubilier Electric Corp. part no.	
C37	22R5Q47EG	913-1187-00
C38	CAPACITOR, FIXED, CERAMIC: same as C7 CAPACITOR, FIXED, CERAMIC: same as C7	913-1187-00
C39	CAPACITOR, FIXED, CERAMIC: same as C1	913-1186-00
C40	CAPACITOR, FIXED, CERAMIC: same as C10	913-1188-00
C41	CAPACITOR, FIXED, CERAMIC: same as C9	913-2142-00
C42	CAPACITOR, FIXED, CERAMIC: same as C7	913-1187-00
C43	CAPACITOR, FIXED, CERAMIC: same as C9	913-2142-00
C44	CAPACITOR, FIXED, MICA: 68 uuf ±10%, 500 v	912-0483-00
	dc; Cornell Dubilier Electric Corp. part no.	012 0100 00
}	22R5Q68EK	
C45	CAPACITOR, FIXED, MICA: same as C8	912-0546-00
C46	CAPACITOR, FIXED, CERAMIC: same as C9	913-2142-00
C47	CAPACITOR, VARIABLE, CERAMIC: same as	917-1073-00
1	C25	
C48	CAPACITOR, VARIABLE, CERAMIC: same as	917-1075-00
1	C11	
C49	CAPACITOR, FIXED, MICA: same as C30	912-0472-00
C50	CAPACITOR, FIXED, CERAMIC: 5000 uuf ±20%,	913-3549-00
	50 v dc; Erie Resistor Corp. part no. 357012	
I	Y5U0 502M	
C51	CAPACITOR, FIXED, CERAMIC: 100 uff ±20%,	913-3550-00
ł	50 v dc; Erie Resistor Corp. part no. 357012	
ļ	Y5U0 101M	
C52	CAPACITOR, FIXED, MICA: same as C3	912-0432-00
C53	CAPACITOR, FIXED, CERAMIC: same as C7	913-1187-00
C54	CAPACITOR, FIXED, CERAMIC: same as C1	913-1186-00
C55	CAPACITOR, FIXED, CERAMIC: same as C7	913-1187-00
C56	CAPACITOR, FIXED, CERAMIC: same as C10	913-1188-00
C57	CAPACITOR, FIXED, CERAMIC: same as C9	913-2142-00
C58	CAPACITOR, FIXED, MICA: 1800 uuf ±5%,	912-3019-00
050	500 v dc; MIL type CM06F182J03	040 0040 00
C59 C60	CAPACITOR, FIXED, MICA: same as C58	912-3019-00
C61	CAPACITOR, FIXED, MICA: same as C58 CAPACITOR, FIXED, CERAMIC: same as C9	912-3019-00
C62	CAPACITOR, FIXED, CERAMIC: same as C9 CAPACITOR, FIXED, CERAMIC: same as C10	913-2142-00 913-1188-00
C63	CAPACITOR, FIXED, CERAMIC: Same as Cit CAPACITOR, FIXED, ELECTROLYTIC: 25 uf,	183-1034-00
	-10% +100%, 25 v dc; Mallory, P. R. and Co.,	100-1004-00
1	Inc. part no. TC26	
C64	CAPACITOR, FIXED, MICA: 47 uuf ±10%, 500 v	912-0471-00
~~.	dc; Cornell Dubilier Electric Corp. part no.	218-0211-00
	22R5Q47EK	
C65	CAPACITOR, FIXED, CERAMIC: same as C9	913-2142-00
C66	CAPACITOR, FIXED, PAPER: 0.1 uf ±10%, 400	931-0299-00
	v dc; Sprague Electric part no. 160P10494	
C67	CAPACITOR, VARIABLE, AIR: midget, single	922-0038-00
	section; 3.6 uuf to 30.0 uuf, 28 plates, 850 v peak	
	ac, 60 cps; E. F. Johnson Co. part no. 160-130-3	
C68	CAPACITOR, VARIABLE, AIR: same as C67	922-0038-00
C69	CAPACITOR, VARIABLE, AIR: same as C67	922-0038-00
C70	CAPACITOR, VARIABLE, AIR: same as C67 CAPACITOR, FIXED, CERAMIC: same as C1	922-0038-00
C71	CAPACITOR, FIXED, CERAMIC: same as C1	913-1186-00
]		

ITEM	DESCRIPTION	COLLINS PART NUMBER
C72 C73	CAPACITOR, FIXED, MICA: same as C35 CAPACITOR, FIXED, CERAMIC: 2000 uuf ±20%, 2000 v dc	912-0493-00 913-3571-00
C74	CAPACITOR, FIXED, CERAMIC: same as C9	913-2142-00
C75 C76	CAPACITOR, FIXED, CERAMIC: same as C1 CAPACITOR, FIXED, CERAMIC: same as C10	913-1186-00 913-1188-00
C77	CAPACITOR, FIXED, CERAMIC: same as C10 CAPACITOR, FIXED, CERAMIC: same as C9	913-2142-00
C78	CAPACITOR, FIXED, CERAMIC: same as C9	913-2142-00
C79	CAPACITOR, FIXED, CERAMIC: same as C10	913-1188-00
C80	CAPACITOR, FIXED, CERAMIC: same as C10	913-1188-00
C81 C82	CAPACITOR, FIXED, CERAMIC: same as C1	913-1186-00 913-3153-00
	CAPACITOR, FIXED, CERAMIC: 50,000 uuf -20% +80%, 500 v dc; Sprague Electric Co. part no. 33 C58	913-3133-00
C83	CAPACITOR, FIXED, CERAMIC: same as C10	913-1188-00
C84 C85	CAPACITOR, FIXED, CERAMIC: same as C10 CAPACITOR, FIXED, CERAMIC: same as C10	913-1188-00 913-1188-00
C86	CAPACITOR, FIXED, CERAMIC: same as C10	912-0471-00
C87	CAPACITOR, FIXED, MICA: same as C1	913-1186-00
C88	CAPACITOR, FIXED, CERAMIC: same as C82	913-3153-00
C89	CAPACITOR, FIXED, CERAMIC: same as C10	913-1188-00
thru C92		
C93	CAPACITOR, FIXED, MICA: same as C8	912-0546-00
C94	CAPACITOR, FIXED, PAPER: 0.06 uf -10%	931-0164-00
005	+30%, 200 v dc	
C95 C96	CAPACITOR, FIXED, CERAMIC: same as C1 CAPACITOR, FIXED PAPER: 0.22 uf ±10%, 400	913-1186-00
C 00	v dc; Sprague Electric Co. part no. 160P22494	931-0303-00
C97	CAPACITOR, FIXED, CERAMIC: same as C9	913-2142-00
C98	CAPACITOR, FIXED, MICA: 220 uuf ±5%, 500 v	912-0518-00
	dc; Cornell Dubilier Electric Corp. part no.	
C99	22R5T22EJ CAPACITOR, FIXED, CERAMIC: same as C10	913-1188-00
C100	CAPACITOR, FIXED, CERAMIC: same as C10	913-1188-00
C101	CAPACITOR, FIXED, MICA: 5 uuf ±10%, 500 v	912-0429-00
	dc; Cornell Dubilier Electric Corp. part no.	
C102	22R5V5CK CAPACITOR, FIXED, MICA: 100 uuf ±10%, 500	912-0495-00
	v dc; Cornell Dubilier Electric Corp. part no.	012 0100 00
	22R5T1EK	
C103 C104	CAPACITOR, FIXED, CERAMIC: same as C10	913-1188-00
C104	CAPACITOR, FIXED, CERAMIC: same as C10 CAPACITOR, FIXED, ELECTROLYTIC: same	913-1188-00 183-1034-00
	as C63	100 1001 00
C106	CAPACITOR, FIXED, PAPER: same as C66	931-0299-00
C107 C108	CAPACITOR, FIXED, CERAMIC: same as C10	913-1188-00
C108	CAPACITOR, FIXED, CERAMIC: same as C10 CAPACITOR, FIXED, CERAMIC: same as C10	913-1188-00
C110	CAPACITOR, FIXED, CERAMIC: same as C1	913-1188-00 913-1186-00
C111	CAPACITOR, FIXED, CERAMIC: same as C1	913-1186-00
C112	CAPACITOR, FIXED, CERAMIC: same as C73	913-3571-00
C113	CAPACITOR, FIXED, MICA: same as C8	912-0546-00
C114	CAPACITOR, VARIABLE, CERAMIC: same as C25	917-1073-00
C115	CAPACITOR, FIXED, PAPER: same as C96	931-0303-00
C116	CAPACITOR, FIXED, CERAMIC: 10 uuf ±10%,	913-0972-00
	5000 v dc; Centralab Division of Globe Union Inc.	
C117	part no. DA855-035 CAPACITOR, FIXED, CERAMIC: same as C73	913-3571-00
C118	CAPACITOR, FIXED, CERAMIC: same as C13	913-3371-00
C119	CAPACITOR, FIXED, CERAMIC: same as C10	913-1188-00
C120	CAPACITOR, FIXED, CERAMIC: same as C10	913-1188-00
C121 C122	NOT USED CARACITOR FIXED CERAMIC: some of C1	012 1102 00
C122	CAPACITOR, FIXED, CERAMIC: same as C1 NOT USED	913-1186-00
C124	CAPACITOR, FIXED, PAPER: 0.047 uf -10%	931-5508-00
	+30%, 600 v dc; Sangamo Electric Co. part no.	
C125	33-503P 30M10PCT600WV CAPACITOR, FIXED, CERAMIC: same as C1	913-1186-00
C126	CAPACITOR, FIXED, CERAMIC: same as C1	913-1186-00
C127	CAPACITOR, FIXED, ELECTROLYTIC: three	183-1091-00
	sections, 15, 15, 10 uf -10% +50%, 450 v dc; Sprague Electric Co. part no. D11635	
C128	CAPACITOR, FIXED, ELECTROLYTIC: same	183-1091-00
	as C127	
C129	CAPACITOR, FIXED, CERAMIC: same as C10	913-1188-00
thru C134		
C135	CAPACITOR, FIXED, CERAMIC: 1000 uuf -20%	913-1292-00
	+80%, 500 v dc; Erie Resistor Corp. part no.	
	327047 X5T0 102Z	
i		

ITEM	DESCRIPTION	COLLINS PART NUMBER
C136 thru	CAPACITOR, FIXED, CERAMIC: same as C135	913-1292-00
C143 C144	CAPACITOR, FIXED, PAPER: 1000 uuf -10% +30%, 1000 v dc; Sprague Electric Co. part no.	241-0011-00
C145 thru	P12756 CAPACITOR, FIXED, CERAMIC: same as C135	913-1292-00
C150 C151	CAPACITOR, FIXED, MICA: 39 uuf ±5%, 500 v dc; Cornell Dubilier Electric Corp. part no.	912-0464-00
C152	22R5Q39EJ CAPACITOR, VARIABLE, CERAMIC: same as	917-1075-00
C153 C154 C155	CAPACITOR, FIXED, MICA: same as C101 CAPACITOR, FIXED, CERAMIC: same as C51 CAPACITOR, VARIABLE, CERAMIC: 3.0 uuf min to 18.0 uuf max, 350 v dc; Erie Resistor	912-0429-00 913-3550-00 917-1072-00
C156 C157	Corp. part no. 557018 COPO 17R CAPACITOR, FIXED, CERAMIC: same as C10 CAPACITOR, FIXED, CERAMIC: same as C1	913-1188-00 913-1186-00
C158 *C159	CAPACITOR, FIXED, CERAMIC: same as C9 CAPACITOR, FIXED, MICA: 20 uuf ±5%, 500 v dc; Cornell Dubilier Electric Corp. part no. 22R5Q2CJ	913-2142-00 912-0443-00
*C159	CAPACITOR, FIXED, MICA: 24 uuf ±5%, 500 v dc; Cornell Dubilier Electric Corp. part no. 22R5Q24EJ	912-0449-00
*C159	CAPACITOR, FIXED, MICA: 27 uuf ±5%, 500 v dc; Cornell Dubilier Electric Corp. part no. 22R5Q27EJ	912-0452-00
*C159	CAPACITOR, FIXED, MICA: 33 uuf ±5%, 500 v dc; Cornell Dubilier Electric Corp. part no. 22R5Q33EJ	912-0458-00
*C159	CAPACITOR, FIXED, MICA: 36 uuf ±5%, 500 v dc; Cornell Dubilier Electric Corp. part no. 22R5Q36EJ	912-0461-00
*C159	CAPACTTOR, FIXED, MICA: 39 uuf ±5%, 500 v dc; Cornell Dubilier Electric Corp. part no. 22R5Q39EJ	912-0464-00
*C159	CAPACITOR, FIXED, MICA: 43 uuf ±5%, 500 v dc; Cornell Dubilier Electric Corp. part no. 22R5Q43EJ	912-0467-00
*C159	CAPACITOR, FIXED, MICA: 47 uuf ±5%, 500 v dc; Cornell Dubilier Electric Corp. part no. 22R5Q47EJ	912-0470-00
C160 C161	CAPACITOR, FIXED, MICA: 5 uuf ±5%, 500 v dc; Electro Motive Mfg. Co. part no. DM15C050J01 CAPACITOR, FIXED, CERAMIC: 0.1 uf -30%	912-2750-00 913-3794-00
C162	+80%, 75 v dc; Centralab part no. DA150-001CB CAPACITOR, FIXED, CERAMIC: same as C10	913-1188-00
C163 C164	CAPACITOR, FIXED, CERAMIC: same as C9 NOT USED	913-2142-00
C165 C166	NOT USED CAPACITOR, FIXED, CERAMIC: 6.0 uuf +1/2	916-0122-00
CR1	uuf, 500 v dc; MIL type CC20CH060D SEMICONDUCTOR DEVICE, DIODE: germanium, hermetically sealed; JEDEC type 1N270	353-2018-00
CR2 CR3 CR4	NOT USED NOT USED SEMICONDUCTOR DEVICE, SET: silicon, hermetically sealed	353-3460-00
CR5	SEMICONDUCTOR DEVICE SET: same as CR4	353-3460-00
CR6 CR7 CR8	SEMICONDUCTOR DEVICE SET: same as CR4 SEMICONDUCTOR DEVICE SET: same as CR4 SEMICONDUCTOR DEVICE, DIODE: silicon; Hughes Products Division of Hughes Aircraft Co.	353-3460-00 353-3460-00 353-0205-00
FL1	part no. 1N458 FILTER, MECHANICAL: brass, nickel plate	526-9365-00
Н1	finish 7/16 in. dia by 2-3/4 in. lg NUT, SLEEVE: bakelite; 3/8 in. dia by 1-1/2 in. lg	500-8927-001
H2 H3	NOT USED POST, SPACING: phenolic; 0.187 in. by 0.312 in. by 1.125 in.	543-7398-002
Н4	POST, MTG, SHIELD: aluminum, chromate dip finish; 0.160 in. by 0.312 in. by 3.906 in.	543-7401-002
Н5	POST, MOUNTING: aluminum, chromate dip finish; 0.234 in. by 0.312 in. by 4.968 in.	543-7396-002
Н6	POST, FILTER PLATE: aluminum, chromate dip finish; 0.160 in. by 0.250 in. by 1.937 in.	543-7397-002
*Chose	n per operational requirements.	

ITEM	DESCRIPTION	COLLINS PART NUMBER	ITEM	DESCRIPTION	COLLINS PART NUMBEI
н7	POST, ELECTRICAL MECHANICAL EQUIP- MENT: aluminum, chemical film finish; 4-40	540-9059-003	MP4	CRANK, SWITCH: brass stud, arm and hub, cres pin; no. 6(0.138 in.)-32 thd stud; 0.439 in. by 1.468 in. by 1.985 in. o/a dim.	543-7391-002
н8	UNC-2B thd, 0.125 in. by 0.187 in. by 1.375 in. CABLE CLAMP: steel, cadmium plated finish; 0.375 in. by 0.472 in. by 1.222 in.	500-6208-001	MP5	LINK, CHANNEL SELECTOR: CRES, passivate finish; 0.062 in. by 0.188 in. by 0.375 in.	543-7344-002
Н9	POST, ELECTRICAL MECHANICAL EQUIP- MENT: aluminum, chemical film finish; 6-32	540-9209-003	MP6	SHAFT, SWITCH: ceramic; 0.186 in. by 0.250 in. by 15.750 in.	543-7399-002
Н10	UNC-2B thd, 0.160 in. by 0.250 in. by 0.500 in. SPACER, SLEEVE: aluminum, chromate dipped; 0.152 in. max id, 0.226 in. max od, 0.125 in.	541-6000-002	01	KNOB: setscrew type, black phenolic, brass insert for 1/4 in. shaft, 13/32 in. by 1 in. dia, 8-32NC-2 setscrew supplied; Harry Davies Moulding Co. part no. 1400	281 -0069 -00
HR1	lg o/a OVEN, CRYSTAL: for two HC-6U crystal holders, 75° C oven temp, 115 v ac 10 w heater rating; James Knight Co. part no. 900-0069	292-0184-00	O2 O3 O4	KNOB: same as O1 KNOB: same as O1 KNOB: same as O1	281-0069-00 281-0069-00 281-0069-00
HR2 or	OVEN, CRYSTAL: for two HC-6U crystal holders, 75°C oven temp, 115 v ac 15 w heater	292-0301-00	O5	KNOB BAR: bakelite; 5/8 in. by 11/16 in. by 1-1/8 in.	508-1103-00
HR3	rating; Ovenaire Inc. part no. PSA-101-28		P1	NOT USED	
HS1	HANDSET: receiver, magnetic, 130 ohms im-	977-0022-00	thru P4		
J1	pedance, microphone carbon element, 40 ohms impedance; w/cord, 4 conductors, w/ switch; General Dynamics Corp. part no. 216827-000 CONNECTOR, RECEPTACLE, ELECTRICAL: 1 female contact; 10 amps, 50 ohms; low loss	357-9111-00	P5	CONNECTOR, PLUG, ELECTRICAL: BNC cable mounting plug connector with "V" groove cable clamp for use with RG-55, 58, 223/U or similar coaxial; teflon insulation; Communication Electronic Nomenclature Subpanel part no. UG-88C/U	357-9292-00
	plastic dielectric; straight shape; Communication Electronic Nomenclature Subpanel part no.		R1	(used in accessory only) RESISTOR, FIXED, COMPOSITION: 0.15 meg-	745-1443-00
J2	UG-290A/U (not furnished with equipment) CONNECTOR, RECEPTACLE, ELECTRICAL:	357-9111-00	R1	ohm ±10%, 1/2 w; MIL type RC20GF154K RESISTOR, FIXED, COMPOSITION: 22,000 ohms	1
J3	same as J1 (not furnished with equipment) CONNECTOR, RECEPTACLE, ELECTRICAL:	357-9111-00	R3	±10%, 1 w; MIL type RC32GF223K RESISTOR, FIXED, COMPOSITION: 0.10 meg-	745-1436-00
J4	same as J1 (not furnished with equipment) CONNECTOR, RECEPTACLE, ELECTRICAL: same as J1 (not furnished with equipment)	357-9111-00	R4	ohm ±10%, 1/2 w; MIL type RC20GF104K RESISTOR, FIXED, COMPOSITION: 0.56 meg-	745-1468-00
J5	CONNECTOR, RECEPTACLE, ELECTRICAL: 1 female contact teflon insulation; 1/2 in. w	357-9183-00	R5	ohm ±10%, 1/2 w; MIL type RC20GF564K RESISTOR, FIXED, COMPOSITION: same as R4	745-1468-00
	across flats by 1-1/16 in. lg; Communication Electronic Nomenclature Subpanel part no.		R6 R7	RESISTOR, FIXED, COMPOSITION: 68 ohms ±10%, 1/2 w MIL type RC20GF680K RESISTOR, FIXED, COMPOSITION: same as R6	745-1303-00 745-1303-00
К1	UG1094U RELAY, ARMATURE: 2C, 2A contact arrange-	972-1353-00	R8	RESISTOR, VARIABLE, COMPOSITION: 250	376-4602-00
***	ment, 100 ma at 250 v dc or 300 ma at 115 v ac, 5 minutes on 5 minutes off duty cycle; C. P. Clare	314-1303-UU	R9	ohms ±30% 0.2 w RESISTOR, FIXED, COMPOSITION: 470 ohms	745-3338-00
К2	and Co. part no. A95183 RELAY, ARMATURE: 4C, 115 v dc nom coil,	972-1346-00	R10 R11	±10%, 1 w; MIL type RC32GF471K RESISTOR, FIXED, COMPOSITION: same as R6 RESISTOR, FIXED, COMPOSITION: 0.18 meg-	745-1303-00 745-1447-00
	10,000 ohms coil resistance, 3 amp at 30 v or 115 v ac noninductive load, continuous duty cycle; Aemco, Inc. part no. 45-2402		R11	ohm ±10%, 1/2 w; MIL type RC20GF184K RESISTOR, FIXED, COMPOSITION: 470 ohms	745-1338-00
K3 L1	RELAY, ARMATURE: same as K2 COIL, RADIO FREQUENCY: single layer wound,	972-1346-00 240-2524-00	R13	±10%, 1/2 w; MIL type RC20GF471K RESISTOR, FIXED, COMPOSITION: 1000 ohms ±10%, 1/2 w; MIL type RC20GF102K	745-1352-00
	220 uh ±5%, 7.20 ohms max dc resistance, 210 ma dc current rating; James Millen Mfg. Co., Inc.		R14	RESISTOR, VARIABLE, COMPOSITION: same as R8	376-4601-00
L2 L3	part no. J301-220 NOT USED NOT USED		R15 R16	RESISTOR, FIXED, COMPOSITION: same as R12 RESISTOR, VARIABLE, COMPOSITION: 250	745-1338-00 376-4600-00
L3 L4 L5	COIL, RADIO FREQUENCY: same as L1 COIL, RADIO FREQUENCY: same as L1	240-2524-00 240-2524-00	R17	ohms ±30%, 0.2 w RESISTOR, FIXED, COMPOSITION: 47,000 ohms	745-3422-00
L6 L7	COIL, RADIO FREQUENCY: same as L1 COIL, RADIO FREQUENCY: same as L1	240-2524-00 240-2524-00 240-2524-00	R18	±10%, 1 w; MIL type RC32GF473K RESISTOR, FIXED, COMPOSITION: 220 ohms	745-1324-00
L8	RADIO FREQUENCY CHOKE: 6 millihenry inductance, 21 ohms dc resistance ±5% 5 sections, multiple-pi-duo lateral wound; National Coil Co.	240-5900-00	R19 R20	±10%, 1/2 w; MIL type RC20GF221K RESISTOR, FIXED, COMPOSITION: same as R2 RESISTOR, FIXED, COMPOSITION: 2200 ohms ±10%, 1/2 w; MIL type RC20GF222K	745-3408-00 745-1366-00
L9	part no. C-0047690 COIL, RADIO FREQUENCY: same as L1	240-2524-00	R21 R22	RESISTOR, FIXED, COMPOSITION: same as R3 RESISTOR, FIXED, COMPOSITION: 1000 ohms	745-1436-00 745-1352-00
L10 L11 L12	COIL, RADIO FREQUENCY: same as L1 COIL, RADIO FREQUENCY: same as L1 COIL, RADIO FREQUENCY: same as L1	240 - 2524 - 00 240 - 2524 - 00 240 - 2524 - 00	R23	±10%, 1/2 w; MIL type RC20GF102K RESISTOR, FIXED, COMPOSITION: 5600 ohms	745-1384-00
L13 L14	NOT USED COIL, RADIO FREQUENCY: same as L1 COIL, RADIO FREQUENCY: same as L1	240-2524-00	R24	±10%, 1/2 w; MIL type RC20GF562K RESISTOR, FIXED, COMPOSITION: same as R3	745-1436-00
L15 LS1	COIL, RADIO FREQUENCY: same as L1 LOUDSPEAKER, PERMANENT MAGNET: 2 w	240 - 25 24 - 00 271 - 0216 - 00	R25 R26	RESISTOR, FIXED, COMPOSITION: 27,000 ohms ±10%, 1 w; MIL type RC32GF273K RESISTOR, FIXED, COMPOSITION: 47,000	745-3412-00
	nominal power, 3-4 ohms, voice coil impedance 4-1/8 in. by 6-1/8 in. overall; Jensen Mfg. Co. part no. 46K7		R27	ohms ±10%, 1/2 w; MIL type RC20GF473K RESISTOR, FIXED, COMPOSITION: same as R30	745-1450-0
М1	meren. 46K7 METER: dc millimeter, 0-1 milliampere dc, 17 ohms ±20%	458-0447-00	R28 R29	RESISTOR, FIXED, COMPOSITION: same as R3 RESISTOR, FIXED, COMPOSITION: 680 ohms	745-1436-00 745-1345-00
MP1	BUSHING, FIDUCIAL DRIVE: brass, bright alloy plate finish; 0.3125 in. by 0.260 in. by 0.500 in.	542-5375-002	R30	±10%, 1/2 w; MIL type RC20GF681K RESISTOR, FIXED, COMPOSITION: 220,000 ohms ±10%, 1/2 w; MIL type RC20GF224K	745-1450-00
MP2	BEARING, SLEEVE: porous bronze, 0.2515 in. id, 0.3155 in. od, 1/4 in. lg; Amplex Division of	309-0422-00	R31 R32	RESISTOR, FIXED, COMPOSITION: same as R3 RESISTOR, FIXED, COMPOSITION: same as R3	745-1436-00 745-1436-00
мрз	Chrysler Corp. part no. AA347-2MILL6085A CRANK, SWITCH: brass hub and arm, cres pin; 0.439 in. by 0.625 in. by 1.109 in. o/a dim.	543-7390-002	R33 R34	RESISTOR, FIXED, COMPOSITION: same as R3 RESISTOR, FIXED, COMPOSITION: same as R12	745-1436-00 745-1338-00
			R35	RESISTOR, VARIABLE COMPOSITION: 1,000,000 ohms ±30%; 1/4 w	376-4501-00

		PART NUMBER
R36	RESISTOR, FIXED, COMPOSITION: same as	R2 745-3408-00
R37	RESISTOR, FIXED, COMPOSITION: same as	745-1422-00
D20	R26	D4 745 1400 00
R38 R39	RESISTOR, FIXED, COMPOSITION: same as	
R40	RESISTOR, FIXED, COMPOSITION: same as RESISTOR, FIXED, COMPOSITION: same as	745-1324-00
1(10	R18	140-1024-00
R41	RESISTOR, FIXED, COMPOSITION: same as R29	745-1345-00
R42	RESISTOR, FIXED, COMPOSITION: same as R29	745-1345-00
R43	RESISTOR, FIXED, COMPOSITION: 2.2 meg-	- 745-1492-00
R44	ohms ±10%, 1/2 w; MIL type RC20GF225K RESISTOR, FIXED, COMPOSITION: same as	R4 745-1468-00
R45	RESISTOR, FIXED, COMPOSITION: same as	
R46	RESISTOR, FIXED, COMPOSITION: 27,000	745-5712-00
	ohms ±10%, 2 w; MIL type RC42GF273K	
R47	RESISTOR, VARIABLE, COMPOSITION: 1.0	376-4258-00
	megohms ±20%; 1/4 w	
R48	RESISTOR, FIXED, COMPOSITION: same as R20	745-1366-00
R49	RESISTOR, FIXED, COMPOSITION: same as R26	745-1422-00
R50	RESISTOR, FIXED, COMPOSITION: 22,000 ohms ±10%, 1/2 w; MIL type RC20GF223K	745-1408-00
R51	RESISTOR, FIXED, COMPOSITION: same as	745-1408-00
	R50	
R52 R53	RESISTOR, FIXED, COMPOSITION: same as RESISTOR, FIXED, COMPOSITION: same as	R3 745-1436-00 745-1450-00
R54	R30 RESISTOR, FIXED, COMPOSITION: same as	745-3412-00
R55	R25 RESISTOR, FIXED, COMPOSITION; same as	745-5712-00
R56	R46 RESISTOR, FIXED, COMPOSITION: 820 ohms	
	±5%, 1/2 w; MIL type RC20GF821J	140-1040-00
R57	RESISTOR, FIXED, COMPOSITION: same as	R4 745-1468-00
R58	RESISTOR, FIXED, COMPOSITION: same as	
R59	RESISTOR, FIXED, COMPOSITION: same as	745-3422-00
R60	R17 RESISTOR, FIXED, COMPOSITION: same as	
R61	R20 RESISTOR, FIXED, COMPOSITION: same as	
R62	RESISTOR, FIXED, COMPOSITION: same as	
R63	RESISTOR, FIXED, COMPOSITION: same as	
R64	RESISTOR, FIXED, COMPOSITION: same as	
R65	RESISTOR, FIXED, COMPOSITION: same as	R20 745-1366-00
R66	RESISTOR, FIXED, COMPOSITION: same as	
R67	RESISTOR, FIXED, COMPOSITION: 3900 ohn	ns 745-1377-00
R68	±10%, 1/2 w; MIL type RC20GF392K RESISTOR, FIXED, COMPOSITION: 68,000	745-3429-00
1100	ohms ±10%, 1 w; MIL type RC32GF683K	140-3429-00
R69	RESISTOR, FIXED, COMPOSITION: same as	R13 745-1352-00
*R70	RESISTOR, FIXED, COMPOSITION: same as RESISTOR, FIXED, COMPOSITION: 5600 ohn	
	±10%, 1/2 w; MIL type RC20GF562K	1.10 1001-00
*R70	RESISTOR, FIXED, COMPOSITION: 6800 ohn	ns 745-1387-00
*R70	±10%, 1/2 w; MIL type RC20GF682K RESISTOR, FIXED, COMPOSITION: 8200 ohn	ns 745-1391-00
*R70	±10%, 1/2 w; MIL type RC20GF822K RESISTOR, FIXED, COMPOSITION: 10,000	745-1394-00
11.5	ohms ±10%, 1/2 w; MIL type RC20GF103K	120-1004-00
*R70	RESISTOR, FIXED, COMPOSITION: 4,700 o	hms 745-1380-00
R71	±10%, 1/2 w; MIL type RC20GF 472K	D20 745 1245 00
R72	RESISTOR, FIXED, COMPOSITION: same as RESISTOR, FIXED, COMPOSITION: same as	
R73	RESISTOR, FIXED, COMPOSITION: same as	
R74	RESISTOR, FIXED, COMPOSITION: 27,000 o	hms 745-1412-00
	±10%, 1/2 w; MIL type RC20GF273K	
R75	RESISTOR, FIXED, COMPOSITION: same as	
R76	RESISTOR, FIXED, COMPOSITION: same as	
R77	RESISTOR, FIXED, COMPOSITION: same as	
R78 R79	RESISTOR, FIXED, COMPOSITION: same as	
R80	RESISTOR, FIXED, COMPOSITION: same as RESISTOR, FIXED, COMPOSITION: same as	R67 745-1377-00 R67 745-1377-00
R81	RESISTOR, FIXED, COMPOSITION: same as RESISTOR, FIXED, COMPOSITION: 10,000	745-1377-00
	ohms ±10%, 1/2 w; MIL type RC20GF103K	1,10-1004-00
R82	RESISTOR, FIXED, COMPOSITION: same as	R3 745-1436-00
R83	RESISTOR, FIXED, COMPOSITION: same as	
R84	RESISTOR, VARIABLE, COMPOSITION: 0.10	
	megohm ±20%, 1/4 w	
R85	RESISTOR, FIXED, COMPOSITION: same as	R9 745-3338-00
	RESISTOR, FIXED, COMPOSITION: 470 ohms	
R86	±10%, 2 w; MIL type RC42GF471K	1
R87	RESISTOR, FIXED, COMPOSITION: 1.5 mego	hms 745-1485-00

ITEM	DESCRIPTION	COLLINS PART NUMBE
R88	RESISTOR, VARIABLE, COMPOSITION: same as R84	376-4255-00
R89	RESISTOR, FIXED, COMPOSITION: 2200 ohms ±10%, 2 w; MIL type RC42GF222K	745-5666-00
R90	RESISTOR, FIXED, COMPOSITION: 22 ohms ±10%, 1/2 w MIL type RC20GF220K	745-1282-00
R91	RESISTOR, VARIABLE, COMPOSITION:	376-4500-00
R92	1, 000, 000 ohms $\pm 30\%$, $1/4$ w RESISTOR, FIXED, COMPOSITION: same as R6	745-1303-00
R93	RESISTOR, FIXED, WIREWOUND: 3.21 ohms ±1%; 2 w; Dale Products Inc. part no. RS2/3R210F	747-9621-00
R94	RESISTOR, FIXED, COMPOSITION: same as R18	745-1324-00
R95	RESISTOR, FIXED, COMPOSITION: same as R74	745-1412-00 745-1492-00
R96 R97	RESISTOR, FIXED, COMPOSITION: same as R43 RESISTOR, FIXED, FILM: 562,000 ohms ±1%;	705-7228-00
R98	1/4 w; MIL type RN65B5623F RESISTOR, FIXED, FILM: 1,620,000 ohms ±1%,	705-7750-00
R99	1/2 w; MIL type RN70B1624F RESISTOR, FIXED, FILM: 1620 ohms ±1%, 1/4	705-7106-00
	w; MIL type RN 65B1621F	
R100	RESISTOR, FIXED, COMPOSITION: 560 ohms ±10%, 1/2 w; MIL type RC 20GF 561K	745-1342-00
R101	RESISTOR, FIXED, FILM: 140,000 ohms ±1%, 1/4 w; MIL type RN65B1403F	705-7199-00
R102	RESISTOR, FIXED, COMPOSITION: 4700 ohms ±10%, 1 w; MIL type RC32GF472K	745-3380-00
R103	RESISTOR, FIXED, COMPOSITION: same as R74	745-1412-00
R104 R105	RESISTOR, FIXED, COMPOSITION: same as R29 RESISTOR, FIXED, COMPOSITION: same as R3	745-1345-00 745-1436-00
R106	RESISTOR, FIXED, COMPOSITION: same as R81	745-1394-00
R107	RESISTOR, FIXED, COMPOSITION: same as R81	745-1394-00
R108	RESISTOR, FIXED, COMPOSITION: same as R43	745-1492-00
R109 R110	RESISTOR, FIXED, COMPOSITION: same as R43 RESISTOR, FIXED, COMPOSITION: 56,000 ohms	745-1492-00 745-5726-00
KIIU	RESISTOR, FIXED, COMPOSITION: 56,000 ohms ±10%, 2 w; MIL type RC42GF563K	145-5120-00
R111	RESISTOR, FIXED, COMPOSITION: same as R6	745-1303-00
R112	RESISTOR, FIXED, COMPOSITION: same as R6	745-1303-00
R113	RESISTOR, FIXED, COMPOSITION: 1000 ohms ±10%, 1/2 w; MIL type RC20GF102K	745-1352-00
R114	RESISTOR, FIXED, COMPOSITION: same as R81	745-1394-00
R115	RESISTOR, FIXED, COMPOSITION: same as R20	745-1366-00
R116	RESISTOR, FIXED, COMPOSITION: same as R3	745-1436-00
R117 R118	RESISTOR, FIXED, COMPOSITION: same as R87 RESISTOR, FIXED, COMPOSITION: same as R110	745-1485-00 745-5726-00
R119	RESISTOR, FIXED, COMPOSITION: same as R29	745-1345-00
R120	RESISTOR, FIXED, COMPOSITION: same as R13	745-1352-00
R121 R122	RESISTOR, FIXED, COMPOSITION: same as R4 RESISTOR, FIXED, COMPOSITION: same as R6	745-1468-00 745-1303-00
R123	RESISTOR, FIXED, COMPOSITION: same as R4	745-1468-00
R124	RESISTOR, FIXED, COMPOSITION: same as R81	745-1394-00
R125	RESISTOR, FIXED, COMPOSITION: same as R6	745-1303-00
R126 R127	NOT USED RESISTOR, FIXED, COMPOSITION: 47 ohms	745-1296-00
R128	±10%, 1/2 w; MIL type RC 20GF470K RESISTOR, FIXED, COMPOSITION: same as	745-1296-00
R129	R127	
R130	RESISTOR, FIXED, COMPOSITION: 1.0 meg- ohm ±10%, 1/2 w; MIL type RC20GF105K RESISTOR, FIXED, COMPOSITION: same as R87	745-1478-00 745-1485-00
R131	RESISTOR, FIXED, COMPOSITION: Same as Kor RESISTOR, FIXED, COMPOSITION: 0.27 meg- ohm ±10%, 1/2 w; MIL type RC20GF274K	745-1454-00
R132	RESISTOR, FIXED, COMPOSITION: same as R3	745-1436-00
R133 R134	RESISTOR, FIXED, COMPOSITION: same as R43 RESISTOR, FIXED, COMPOSITION: same as R87	745-1492-00 745-1485-00
R135		
R136	RESISTOR, FIXED, COMPOSITION: same as R81 RESISTOR, FIXED, COMPOSITION: same as R50	
R137 S1	RESISTOR, FIXED, COMPOSITION: same as R127 SWITCH SECTION, ROTARY: 2 circuit, 12 posi- tion, 10 fixed, 2 moving contacts; phenolic insu-	745-1296-00 269-1990-00
C 2	lation; Oak Mfg. Co. part no. 187003-F	260-1060-00
S2 S3	SWITCH SECTION, ROTARY: same as S1 SWITCH SECTION, ROTARY: same as S1	269-1990-00 269-1990-00
S4	SWITCH SECTION, ROTARY: 2 circuit, 12 posi-	269-1991-00
	tion, 20 fixed, 4 moving contacts; phenolic insu-	l
S5	lation; Oak Mfg. Co. part no. 187002-F SWITCH SECTION, ROTARY: same as S4	269-1991-00
S6	SWITCH SECTION, ROTARY: same as S4 SWITCH SECTION, ROTARY: same as S1	269-1990-00
S7	SWITCH, ROTARY: 2 circuit, 5 positions, 1 section, phenolic insulation; 7/8 in. by 1-9/16 in. by	259-0893-00
S8	1-27/64 in.; Oak Mfg. Co. part no. 195670K-1 SWITCH: single pole double throw switch, 1 amp,	260-2596-00
	125 v ac - dc; 7/8 in. by 17/32 in. by 1-3/8 in., Carling Electric, Inc. part no. 560B	
		1

		COLLING
ITEM	DESCRIPTION	COLLINS PART NUMBER
S9	SWITCH, SLIDE: dpdt, 0.5 amp at 125 v ac, dc, Stackpole Carbon Co. part no. SS-50	260-2597-00
S10	SWITCH, HOOK: make and break contact ar- rangement, solder type terminals; Kellogg Switch-	375-0179-00
S11 S12	board and Supply Co. part no. 164-56280 SWITCH SECTION, ROTARY: same as S1 DETENT ASSEMBLY: 20 position, steel cadium plated shaft, brass bushing; 1-7/16 in. by	269-1990-00 269-1984-00
Т1	1-29/32 in. TUNING UNIT RADIO FREQUENCY: 440 to 470 kc freq range; Electro Assemblies, Inc. part no. 18-693	278-0279-00
Т2	TRANSFORMER, INTERMEDIATE, FREQUENCY: 455 kc center freq. 1-3/8 in. by 1-3/8 in. by 2-3/4 in. excl terminals; shielded; powdered iron	278-0197-00
Т3	cores; Alladin Radio part no. X-591-1 TRANSFORMER, AUDIO FREQUENCY: line type, primary 5000 ohms, secondary 500 ohms tapped 4 ohms primary 35 ma, secondary zero; Stancor	667-0018-00
ТВ1	Electronics, Inc. part no. 11271 TERMINAL BOARD: plastic board, incl 18 solder lug terminals; 0.062 in. by 1.500 in. by 3.812 in. board dim.	543-7372-00
V1	ELECTRON TUBE: min. triode pentode, General Electric Co. 6CQ8	255-0372-00
V2	ELECTRON TUBE: twin triode type; Radio Corp. of America part no. 12AT7	255-0205-00
V3	ELECTRON TUBE: glass envelope; pentode; Radio Corporation of America part no. 6DC6	255-0226-00
V4	ELECTRON TUBE: power pentode; General Electric Co. part no. 6CL6	255-0216-00
V5	ELECTRON TUBE: beam power pentode; RCA Electron Tube Division of Radio Corp. of America part no. 6146A	256-0149-00
V6 V7	ELECTRON TUBE: same as V5 ELECTRON TUBE: same as V1	256-0149-00
V8 V9	ELECTRON TUBE: same as V1 ELECTRON TUBE: same as V2 ELECTRON TUBE: twin diode, Tung - Sol Elec-	255-0372-00 255-0205-00 257-0018-00
V10 V11	tric, Inc. part no. 6AL5 ELECTRON TUBE: same as V1 ELECTRON TUBE: pentagrid converter; Radio Corp. of America part no. 6BA7	255-0372-00 255-0389-00
V12	ELECTRON TUBE: glass envelope; pentode; Radio Corp. of America part no. 6BA6	255-0185-00
V13 V14	ELECTRON TUBE: same as V12 ELECTRON TUBE: same as V2	255-0185-00 255-0205-00
V15 V16	ELECTRON TUBE: same as V2 ELECTRON TUBE: glass envelope; pentode;	255-0205-00 255-0195-00
V17	Radio Corp. of America part no. 6AQ5/6AQ5A ELECTRON TUBE: same as V9	257-0018-00
V18 XCR1	ELECTRON TUBE: same as V9 SOCKET, ELECTRON TUBE: stainless steel, phosphor bronze terminals, phenolic insulation; 0.812 in. by 1.187 in. by 1.625 in.; Amphenol -	257-0018-00 220-1005-00
XCR2 XCR3 XV1	Borg Electronics Corp., part no. 88-8TM SOCKET, ELECTRON TUBE: same as XCR1 SOCKET, ELECTRON TUBE: same as XCR1 SOCKET, ELECTRON TUBE: 9 contact miniature top mtg tube socket w/o shield base; plastic; MIL type TS103P02	220-1005-00 220-1005-00 220-1274-00
XV2	SOCKET, ELECTRON TUBE: brass beryllium copper contacts, phenolic insulation, 1 amp, 500 v ac; 29/32 in. by 49/64 in. by 1-3/8 in.; Sylvania Electric Products, Inc. Parts Division part no. 8000-0315	220-1293-00
XV3	SOCKET, ELECTRON TUBE: 7 pin miniature, top mtg; 500 v ac rms, 1 amp; Sylvania Electric Products, Inc. part no. 8000-0316	220-1291-00
XV4 XV5	SOCKET, ELECTRON TUBE: same as XV2 SOCKET, ELECTRON TUBE: same as XCR1	220-1293-00 220-1005-00
XV6 XV7	SOCKET, ELECTRON TUBE: same as XCR1	220-1005-00
XV8 XV9	SOCKET, ELECTRON TUBE: same as XV1 SOCKET, ELECTRON TUBE: same as XV1 SOCKET, ELECTRON TUBE: 7 contact minia-	220-1274-00 220-1274-00 220-1152-00
	ture top mtg tube socket w/o shield base; ceramic MFE; MIL type TS102P02	
XV10 XV11	SOCKET, ELECTRON TUBE: same as XV2 SOCKET, ELECTRON TUBE: same as XV2	220-1293-00
XV12	SOCKET, ELECTRON TUBE: same as XV3	220-1293-00 220-1291-00
XV13 XV14	SOCKET, ELECTRON TUBE: same as XV3 SOCKET, ELECTRON TUBE: same as XV1	220-1291-00 220-1274-00
XV15 XV16	SOCKET, ELECTRON TUBE: same as XV1 SOCKET, ELECTRON TUBE: same as XV3	220-1274-00 220-1291-00
XV17 XV18	SOCKET, ELECTRON TUBE: same as XV9 SOCKET, ELECTRON TUBE: same as XV9	220-1251-00 220-1152-00 220-1152-00

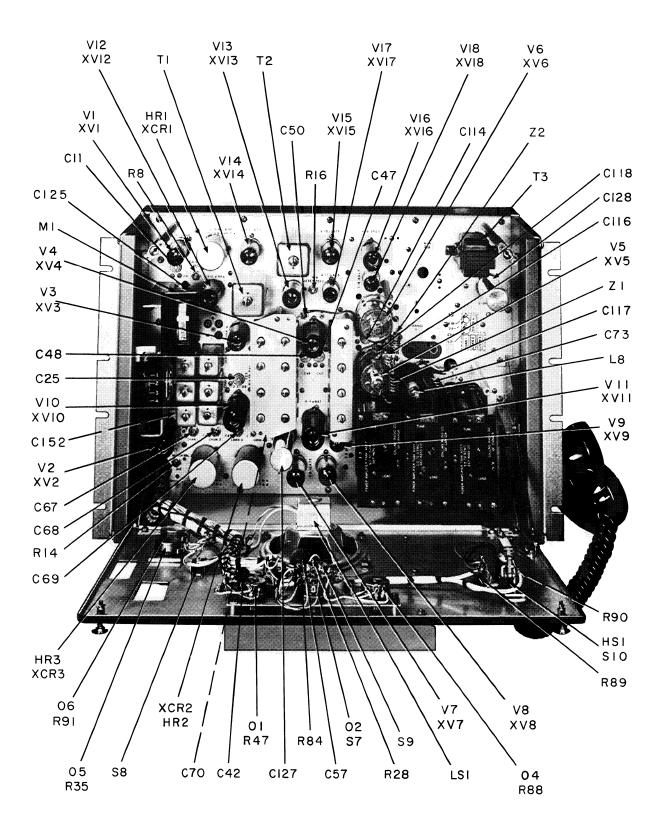
		GOLLING
ITEM	DESCRIPTION	COLLINS PART NUMBER
Y1 thru Y4	NOT SUPPLIED	
Y5 Z1	CRYSTAL UNIT, QUARTZ: 455,000 KC SUPPRESSOR, PARASITIC: 5 turns of no. 18	290-9932-00 543-7468-00
	AWG wire; 47 ohms res; 2 w; 0.390 in. dia by 0.688 in. lg o/a dim., excl terminals	1
Z2	SUPPRESSOR, PARASITIC: same as Z1	543-7468-00
Z3	SUPPRESSOR, PARASITIC: 4 turns of no. 20 AWG wire; 47 ohms res; 1/2 w; 0. 204 in. dia by 0. 375 in. lg o/a dim., excl terminals	548-8217-00
Z4	SUPPRESSOR, PARASITIC: same as Z3	548-8217-00
	KIT-COIL: 1.6-2.0 MC incl	567-4662-00 544-6102-00
	1st R-F COIL	546-6035-00
	R-F COIL (qty 3 required) PA COIL	544-6103-00 567-4652-00
	KIT-COIL: 2.0 - 3.3 MC incl	567-4663-00
1	ANTENNA COIL 1st R-F COIL	543-7735-00 546-6036-00
	R-F COIL (qty 3 required)	543-4346-00
	PA COIL	567-4653-00 567-4664-00
	KIT-COIL: 3.3 - 5.5 MC incl ANTENNA COIL	543-7736-00
	1st R-F COIL	546-6037-00 543-4347-00
1	R-F COIL (qty 3 required) PA COIL	567-4654-00
	KIT-COIL: 5.5 - 9.0 MC incl	567-4665-00 543-7737-00
	1st R-F COIL	546-6038-00
	R-F COIL (qty 3 required)	543-4348-00 567-4655-00
	PA COIL KIT-COIL: 9.0 - 12.0 MC incl	567-4666-00
l	ANTENNA COIL	543-7738-00 546-6039-00
l	1st R-F COIL R-F COIL (qty 3 required)	543-4349-00
	PA COIL	567-4656-00 567-4667-00
	KIT-COIL: 12.0 - 15 MC incl ANTENNA COIL	545-3237-00
	1st R-F COIL	546-6040-00 545-3238-00
1	R-F COIL (qty 3 required) PA COIL	567-4656-00
İ	KIT COIL: available but not supplied with	
	equipment FUSE, CARTRIDGE: glass enclosed, time lag; 3 amp, 125 v max. 0.066 ohms resistance; MIL type F02B125V3AS (spare)	264-0009-00
	FUSE, CARTRIDGE: glass enclosed, brass fer- rules, 1/16 amp, 250 v max; Littelfuse, Inc. part no. 313.062 (spare)	264-0289-00
	FUSE, CARTRIDGE: slow blow; 1-1/2 amp, 250 v; Bussmann Fuse Division of Mc Graw - Edison Co. part no. MDX-1-1/2 (used in 32RS-1C only)	264-0303-00
	(spare) JACK, TELEPHONE: banana spring type, nickel plated body and nut, tinned lug; 3/4 in. by 3/8 in. by 5/8; E.F. Johnson Co. part no. 108-740-1 (qty 8)	360-2020-00
:		
	POWER SUPPLY	543-7335-00
2C1	CAPACITOR, FIXED, ELECTROLYTIC: 10 uf -15% +50%, 250 v dc; Hi-Q Division of Aerovox Corp. part no. E26A787	183-1046-00
2C2	CAPACITOR, FIXED, ELECTROLYTIC: 10 uf -10% +100%, 150 v dc, Hi-Q Division of Aerovox Corp. part no. E26A817	183-1040-00
2C3A	CAPACITOR, FIXED, ELECTROLYTIC: 3 sections, 15 uf, 15 uf; 10 uf, -10% +50%, 450 v dc; Sprague Electric Co. part no. D11635	183-1091-00
2C3B	CAPACITOR, FIXED, ELECTROLYTIC: same as 2C3A	183-1091-00
2C3C	CAPACITOR, FIXED, ELECTROLYTIC: same as 2C3A	183-1091-00
2C4	CAPACITOR, FIXED, ELECTROLYTIC: 30 uf	183-1771-00
2C5	-10% +40%, 400 v dc CAPACITOR, FIXED, ELECTROLYTIC: same	183-1771-00
2C6	as 2C4 CAPACITOR, FIXED, ELECTROLYTIC: same a	183-1771-00
	as 2C4	
2CR1	RECTIFIER, METALLIC: selenium:	353-0153-00
		L

2DS1	 	
	LAMP, INCANDESCENT: 6.3 v, 0.150 amp design current, miniature bayonet base; T-3-1/4 clear bulb; 1.187 in. max lg o/a; MS type	262-3240-00
2DS2 2DS3	MS15571-2 LAMP, INCANDESCENT: same as 2DS1 LAMP, GLOW: neon gas, 65 to 130 v ac striking voltage, 90 to 130 v dc striking voltage; 2-11/32	262-3240-00 262-0090-00
2E1	in. h o/a; integral resistance, 100,000 ohms, Dialight Corp. part no. 201005 LENS, INDICATOR LIGHT: clear, green; 21/32 in. dia by 5/8 in. lg; Drake Mfg. Co. part no.	262-2180-00
2E2	11676 LENS, INDICATOR LIGHT: clear, red; 21/32 in.	262-2160-00
2F1	dia by 5/8 in. lg FUSE, CARTRIDGE: 3amps, 125v, Glass case, brass ferrules; ML type FOB125V3AS	264-0009-00
2F1 Alt.	case, brass ferrules; BUSSMAN MDX-1-1/2	255-0372-00
2F2 2F3	Alternate for use with 230 volt input. FUSE, CARTRIDGE: same as 2F1 FUSE, CARTRIDGE: 1/16 amps, 250 v dc, glass case, brass ferrules; Bussman Mfg Co. part no.	264-0009-00 264-0289-00
2H1	MDL-1/16 RETAINER, CAPACITOR: metallic; 0.373 in. by by 29/32 in. by 5. 125 in.; u/w CP70 capacitor;	139-0168-00
2H2 2H3	MIL type CP07SB6 RETAINER, CAPACITOR: same as 2H1 POST, MOUNTING, CONTROL PANEL: alumi-	139-0168-00 543-7381-002
2H4	num, chromate dip, 1/4 in. hex, 4-9/32 in. lg POST, ELECTRICAL, MECHANICAL EQUIP- MENT: aluminum, chemical film; 8-32 UNC-28	540-9262-003
2H5	thd, 1 in. lg POST, SPACING: aluminum, chromate dip; #8-32 thd; 0.625 in. lg	540-9254-003
2H6	POST, ELECTRICAL, MECHANICAL EQUIP- MENT: aluminum, chemical film; 6-32 UNC-28	540-9233-003
2L1A	thd, 2 in. lg REACTOR: dual filter reactor, 8.0 hy inductance, 150 ma dc nom current rating, 200 ohms dc re- sistance; Stancor Electronics, Inc. part no.	668-0253-00
2L1B 2L2	26603A REACTOR: same as 2L1A REACTOR: filter type, 1.0 hy, 180 ma dc current, 25 ohms dc resistance, 1400 v dc rms exposed core & coil, wire lead type terminals, two 3/16 in. dia mtg holes; Stancor Electronics,	668-0253-00 668-0254-00
2R1	Inc. part no. 26456 RESISTOR, FIXED, COMPOSITION: 100 ohms	745-1310-00
2R2	±10%, 1/2 w; MIL type RC20GF101K RESISTOR, FIXED, COMPOSITION: 4700 ohms ±10%, 2 w; MIL type RC42GF472K	745-5680-00
2R3	RESISTOR, VARIABLE, WIREWOUND: 2500 ohms ±10%, 2 w	750-0522-00
2R4 2R5	RESISTOR, FIXED, COMPOSITION: same as 2R2 RESISTOR, FIXED, WIREWOUND: 27,000 ohms ±10%, 25 w; Ohmite Mfg. Co. part no.	745-5680-00 710-0376-00
2R6	2-K-40-F-27KPORM10PCT RESISTOR, FIXED, WIREWOUND: 50,000 ohms	710-4504-40
2R7	±20%, 50 w RESISTOR, FIXED, COMPOSITION: 270,000	745-5754-00
2R8	ohms ±10%, 2 w; MIL RC42GF274K RESISTOR, FIXED, COMPOSITION: same as 2R7	745-5754-00
2R9	RESISTOR, FIXED, COMPOSITION: same as 2R7	745-5754-00
2S1	SWITCH, TOGGLE: dpdt; 25 v dc, 0.5 amp; 220 ac, 9 amp maintained position; 6 amp momentary	266-3060-00
2S2	position; MIL type MS35059-23 SWITCH, TOGGLE: 4 pole, dt; 125 v ac at 20 amp, 30 v dc at 20 amp; Cutler Hammer, Inc.	266-0072-00
2S3 2T1	part no. 7665K4 SWITCH, TOGGLE: same as 2S1 TRANSFORMER, POWER, STEP-DOWN AND STEP-UP: 2 pri 115 v each, 230 connected; 50/60 cycles, secondary 5 v, 6.3 v, 5 v, 750 v CT, 115	266-3060-00 662-0314-00
2T2	v; Stancor Electronics, Inc. part no 26343 TRANSFORMER, POWER, STEP-UP: 2 primary 115 v ea; 230 v connected, 50/60 cycles, sec- ondary, 1900 v, CT, 0.100 amp; Stancor Elec-	662-0315-00
2T3	tronics, Inc. part no. 26344 TRANSFORMER, POWER, FIXED AUTOTRANS-FORMER: input 230 v, 50/60 cps, output voltage 115 v output load current 0.26 amps, 3 min max "on" time; Stancor Electronics, Inc. part no. 27169	664-0316-00

ITEM	DESCRIPTION	COLLINS PART NUMBER
2TB1	TERMINAL, BOARD: phenolic, 7/8 in. w 4-1/2 in. lg; 11 terminals; Howard Jones part no.	367-0019-00
2TB2	353-18-11-001 TERMINAL BOARD: phenolic w/3 solder-lug terminals; 11/16 in. w by 1-1/8 in. lg; Cinch Mfg.	306-9033-00
2TB3 2TB4	Corp. part no. 1520-A TERMINAL BOARD: same as 2TB2 TERMINAL BOARD: bakelite, 2 terminals 21/32 in. by 7/16 in. by 3/4 in. lg; Cinch Mfg. Co. part	306-9033-00 306-2220-00
2TB5	no. 1513-A TERMINAL BOARD: phenolic, w/5 solder-lug terminals 1-7/8 in. lg by 11/16 in. w; Cinch Mfg.	306-0550-00
2TB6 2TB7	Corp. part no. 1542-A TERMINAL BOARD: same as 2TB2 TERMINAL BOARD: phenolic; 1/16 in. by 3/8 in. by 1-1/2 in.; 4 brass solder lug terminals; Cinch	306-9033-00 306-9032-00
2TB8 2V1	Mfg. Corp. part no. 1532-A TERMINAL BOARD: same as 2TB5 ELECTRON TUBE: rectifier; Radio Corp. of America part no. 5U4GB	306-0550-00 257-0109-00
2V2	TUBE, ELECTRON: rectifier type; General	257-0142-00
2XDS1	Electric Co. part no. 5R4GYA LIGHT, INDICATOR: for use with T-3-1/4 minia- ture bayonet base bulb, polished chrome; Dialight part no. 81410-1-PC	262-0093- 0 0
2XDS2 2XF1	LIGHT, INDICATOR: same as 2XDS1 FUSEHOLDER: extractor post type; 125 v, 5 amp; accommodates 3 AG cartridge fuse; Bussman Mfg.	262-0093-00 265-1002-00
2XF2 2XF3 2XV1	Co. part no. HKP 1/16 FUSEHOLDER: same as 2XF1 FUSEHOLDER: same as 2XF1 SOCKET, ELECTRON TUBE: copper base alloy contacts, silver plated; 5/8 in. h, 1-7/64 in. dia, 1-7/8 in. lg o/a dim., excl terminals and contacts;	265-1002-00 265-1002-00 220-1121-00
2XV2	MIL type TS101P01 SOCKET, ELECTRONTUBE: same as 2XV1	220-1121-00
	DIRECTIONAL WATTMETER 302E-2	522-1462-00
C1	CAPACITOR, VARIABLE, GLASS: 0.5 uuf to 3.0 uuf; 500 v dc; 11/32 in. w by 1-9/32 in. max cap.; Corning Glass Works part no. 682011	922-0149-00
C2 C3	CAPACITOR, VARIABLE, GLASS: same as C1 CAPACITOR, FIXED, MICA: 500 uuf ±20%, 500 v dc; Sangamo Electric Co. part no. M-23-500M	922-0149-00 912-0667-00
C4 C5 C6	CAPACITOR, FIXED, MICA: same as C3 NOT USED NOT USED	912-0667-00
C7 C8	NOT USED CAPACITOR, FIXED, CERAMIC: 1000 uuf -20% +80%, 500 v dc; Erie Resistor Corp. part no. 327047 X5TO 102Z	913-1292-00
C9 CR1	CAPACITOR, FIXED, CERAMIC: same as C8 SEMICONDUCTOR DEVICE, DIODE: silicon; JEDEC type 1N82A	913-1292-00 353-3435-00
CR2	SEMICONDUCTOR DEVICE, DIODE: same as	353-3435-00
J1	CONNECTOR, RECEPTACLE, ELECTRICAL: single female contact, irregular shape; panel mtg; Communications Electronic Nomenclature Sub-	357-9129-00
J2	panel part no. UG-447/U CONNECTOR, RECEPTACLE, ELECTRICAL:	357-9129-00
L1	same as J1 COIL, RADIO FREQUENCY: 220 uh inductance, 7. 2 ohms dc resistance, 0. 2 amp current rating; James Millen Co., Inc. part no. J301-220	240-2524-00
L2 M1	COIL, RADIO FREQUENCY: same as L1 AMMETER: panel type, dc, microamperes 0-200 range, scale reading 0-200 w, top to bottom, linear, scale divisions increments of 10, 1.600 by 0.965 by 2.260 solder lug terminals; Inter-	240-2524-00 458-0407-00
P1	national Inst. Inc. part no. 3200-093 CONNECTOR, PLUG, ELECTRICAL: 1 male contact; 50 ohms, Communication Electronic	357-9169-00
P2	Nomenclature Subpanel part no. UG-913/U CONNECTOR, PLUG, ELECTRICAL: same as	357-9169-00
Р3	P1 CONNECTOR, PLUG, ELECTRICAL: 50 ohms Teflon insulation; Communication Electronic Nomenclature Subpanel part no. UG-88E/U	357-9292-00
R1	RESISTOR, FIXED, FILM: 21.5 ohms ±1%, 1/4 w; MIL type RN65B21R5F	705-7016-00

ITEM	DESCRIPTION	COLLINS PART NUMBER
R2 *R3	RESISTOR, FIXED, FILM: same as R1 RESISTOR, FIXED, FILM: 4750 ohms ±1%, 1/4	705-7016-00 705-7255-00
*R3	w; MIL type RN65B4751F RESISTOR, FIXED, FILM: 4870 ohms ±1%, 1/4	705-7129-00
*R3	w; MIL type RN65B4871F RESISTOR, FIXED, FILM: 4990 ohms ±1%, 1/4	705-7256-00
*R3	w; MIL type RN65B4991F RESISTOR, FIXED, FILM: 5110 ohms ±1%, 1/4	705-7130-00
*R3	w; MIL type RN65B5111F RESISTOR, FIXED, FILM: 5230 ohms ±1%, 1/4	705-7257-00
*R3	w; MIL type RN65B5231F RESISTOR, FIXED, FILM: 5360 ohms ±1%, 1/4	705-7131-00
*R3	w; MIL type RN65B5361F RESISTOR, FIXED, FILM: 5490 ohms ±1%, 1/4	705-7258-00
*R3	w; MIL type RN65B5491F RESISTOR, FIXED, FILM: 5620 ohms ±1%, 1/4	705-7132-00
*R3	w; MIL type RN65B5621F RESISTOR, FIXED, FILM: 5760 ohms ±1%, 1/4	705-7259-00
	w; MIL type RN65B5761F	
*R3	RESISTOR, FIXED, FILM: 5900 ohms ±1%, 1/4 w; MIL type RN65B5901F	705-7133-00
*R3	RESISTOR, FIXED, FILM: 6040 ohms ±1%, 1/4 w; MIL type RN65B6041F	705-7260-00
*R3	RESISTOR, FIXED, FILM: 6190 ohms ±1%, 1/4 w; MIL type RN65B6191F	705-7134-00
*R3	RESISTOR, FIXED, FILM: 6340 ohms ±1%, 1/4 w; MIL type RN65B6341F	705-7261-00
*R3	RESISTOR, FIXED, FILM: 6490 ohms ±1%, 1/4 w; MIL type RN65B6491F	705-7135-00
*R3	RESISTOR, FIXED, FILM: 6650 ohms ±1%, 1/4 w; MIL type RN65B6651F	705-7262-00
*R3	RESISTOR, FIXED, FILM: 6810 ohms ±1%, 1/4	705-7136 - 00
*R3	w; MIL type RN65B6811F RESISTOR, FIXED, FILM: 6980 ohms ±1%, 1/4	705-7263-00
*R4	w; MIL type RN65B6981F RESISTOR, FIXED, FILM: 4750 ohms ±1%, 1/4	705-7255-00
*R4	w; MIL type RN65B4751F RESISTOR, FIXED, FILM: 4870 ohms ±1%, 1/4	705-7129-00
*R4	w; MIL type RN65B4871F RESISTOR, FIXED, FILM: 4990 ohms ±1%, 1/4	705-7256-00
*R4	w; MIL type RN65B4991F RESISTOR, FIXED, FILM: 5110 ohms ±1%, 1/4	705-7130-00
*R4	w; MIL type RN65B5111F RESISTOR, FIXED, FILM: 5230 ohms ±1%, 1/4	705-7257-00
*R4	w; MIL type RN65B5231F RESISTOR, FIXED, FILM: 5360 ohms ±1%, 1/4	705-7131-00
*R4	w; MIL type RN65B5361F RESISTOR, FIXED, FILM: 5490 ohms ±1%, 1/4	705-7258-00
	w; MIL type RN65B5491F	
*R4	RESISTOR, FIXED, FILM: 5620 ohms ±1%, 1/4 w; MIL type RN65B5621F	705-7132-00
*R4	RESISTOR, FIXED, FILM: 5760 ohms ±1%, 1/4 w; MIL RN65B5761F	705-7259-00
*R4	RESISTOR, FIXED, FILM: 5900 ohms ±1%, 1/4 w; MIL type RN65B5901F	705-7133-00
*R4	RESISTOR, FIXED, FILM: 6040 ohms ±1%, 1/4 w; MIL type RN65B6041F	705-7260-00
*R4	RESISTOR, FIXED, FILM: 6190 ohms ±1%, 1/4 w; MIL type RN65B6191F	705-7134-00
*R4	RESISTOR, FIXED, FILM: 6340 ohms ±1%, 1/4 w; MIL type RN65B6341F	705-7261-00
*R4	RESISTOR, FIXED, FILM: 6490 ohms ±1%, 1/4 w; MIL type RN65B6491F	705-7135-00
*R4	RESISTOR, FIXED, FILM: 6650 ohms ±1%, 1/4	705-7262-00
*R4	w; MIL type RN65B6651F RESISTOR, FIXED, FILM: 6810 ohms ±1%, 1/4	705-7136-00
*R4	w; MIL type RN65B6811F RESISTOR, FIXED, FILM: 6980 ohms ±1%, 1/4	705-7263-00
S1	w; MIL type RN65B6981F SWITCH, SLIDE: spdt, 1 amp at 125 ac dc, 1-3/8	260-2596-00
	in. lg by 17/32 in. w; 3 terminals, two 0.146 in. dia mtg holes; Carling Electric, Inc., part no.	
	S60B	

ITEM	DESCRIPTION	COLLINS PART NUMBER
T1	COIL, RADIO FREQUENCY: toroidal wound, 60 turns	542-0916-002
	PHONE PATCH 152J-1	522-1463-00
C1	CAPACITOR, FIXED, PAPER: 1 uf -10%, +20%, 200 v dc; Cornel Dubilier Electric Corp. part no.	931-6853-00
C2	PJ2W1 CAPACITOR, FIXED, CERAMIC: 470 uuf -20% ±100%, 500 v dc; Sprague Electric Co. of	913-3007-00
C3	Wisconsin part no. 19C372 CAPACITOR, FIXED, CERAMIC: same as C2	913-3007-00
C4 C5	CAPACITOR, FIXED, CERAMIC: same as C2 CAPACITOR, FIXED, CERAMIC: same as C2	913-3007-00 913-3007-00
C6	CAPACITOR, FIXED, PAPER: 0.47 uf -10%+20%, 200 v dc; Sangamo Electric Co. Capacitor Division part no. 330205	931-0169-00
C7	CAPACITOR, FIXED, PAPER: 0.27 uf -10% +20%, 200 v dc	931-0307-00
L1	COIL, RADIO FREQUENCY: 2000 uh nom inductance, 27.5 ohms dc resistance, 0.1 amp current rating, James Millen Mfg. Co., Inc. part no.	240-2547-00
L2 R1	J301-2000 COIL, RADIO FREQUENCY: same as L1 RESISTOR, FIXED, COMPOSITION: 100 ohms ±10%, 1/2 w; MIL type RC20GF101K	240-2547-00 745-1310-00
R2 R3	RESISTOR, FIXED, COMPOSITION: same as R1 RESISTOR, FIXED, COMPOSITION: 820 ohms	745-1310-00 745-1349-00
R4	±10%, 1/2 w; MIL type RC20GF821K RESISTOR, FIXED, COMPOSITION: same as R1	745-1310-00
R5	RESISTOR, FIXED, COMPOSITION: same as R1	745-1310-00
R6 R7	RESISTOR, FIXED, COMPOSITION: same as R1 RESISTOR, FIXED, COMPOSITION: same as R1	745-1310-00 745-1310-00
R8	RESISTOR, FIXED, COMPOSITION: same as R3	745-1349-00
R9 R10	RESISTOR, FIXED, COMPOSITION: same as R1	745-1310-00 376-4506-00
R11	RESISTOR, VARIABLE, COMPOSITION: 1500 ohms ±30%, 1/4 w RESISTOR, FIXED, FILM: 619 ohms ±1%, 1/2 w,	705-7586-00
D19	MIL type RN70B6190F	705-758 6-0 0
R12 R13	RESISTOR, FIXED, FILM: same as R11 RESISTOR, FIXED, COMPOSITION: 390 ohms ±10%, 1/2 w; MIL type RC20GF391K	745-1335-00
R14	RESISTOR, FIXED, COMPOSITION: 270 ohms ±10%, 1/2 w; MIL type RC20GF271K	745-1328-00
R15 S1	RESISTOR, FIXED, COMPOSITION: same as R13 SWITCH, LEVER: 3 pole, 3 position; 110 v ac, 1 amp 28 v dc, 2 amp Oak Mfg. Co. part no. 89077-N1	745-1335-00 259-0986-00
S2	SWITCH, LEVER: 5 pole, 3 position; 110 v ac, 1 amp 28 v dc, 2 amp; Oak Mfg. Co. part no.	259-0987-00
S3	89078-J1 SWITCH, SLIDE: spdt, 1 amp at 125 ac-dc, 1-3/8 in. lg by 17/32 in. w 3 terminals two 0.146 in. dia mtg holes; Carling Electric, Inc. part no. S60B	260-2596-00
Т1	TRANSFORMER, AUDIO FREQUENCY: 200 to 20,000 kc freq range; Stancor Electronics, Inc. part no. 28865	667-0325-00
Т2	TRANSFORMER, AUDIO FREQUENCY: 200 to 20,000 kc freq. range; Stancor Electronics, Inc. part no. s 28849	667-0326-00
ТВ1	TERMINAL BOARD: bakelite, 3/32 in. by 5/8 in. 4-3/8 in. lg 9 screw type terminals; Cinch Mfg. Co. part no. 1790	306-0039-00
тв2	TERMINAL BOARD: phenolic, 1/16 in. by 3/8 in. by 1-1/2 in. 4 brass solder lug terminals; Cinch Mfg. Corp. part no. 1532-A	306-0932-00
твз	TERMINAL BOARD: same as TB2	306-9032-00
TB4 TB5	TERMINAL BOARD: same as TB2 TERMINAL BOARD: same as TB2	306-9032-00 306-9032-00
TB6	TERMINAL BOARD: same as TB2 TERMINAL BOARD: same as TB2	306-9032-00



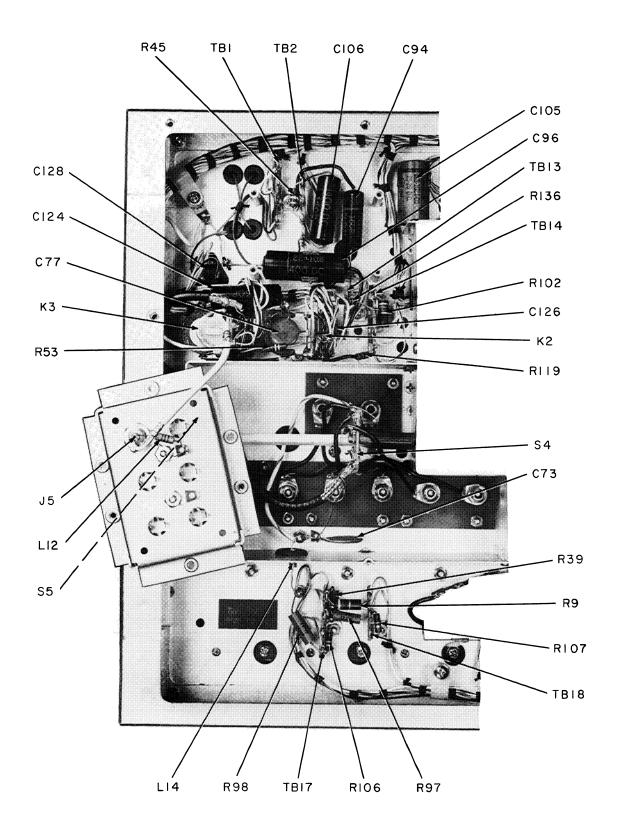


Figure 6-2. Left Side of Chassis

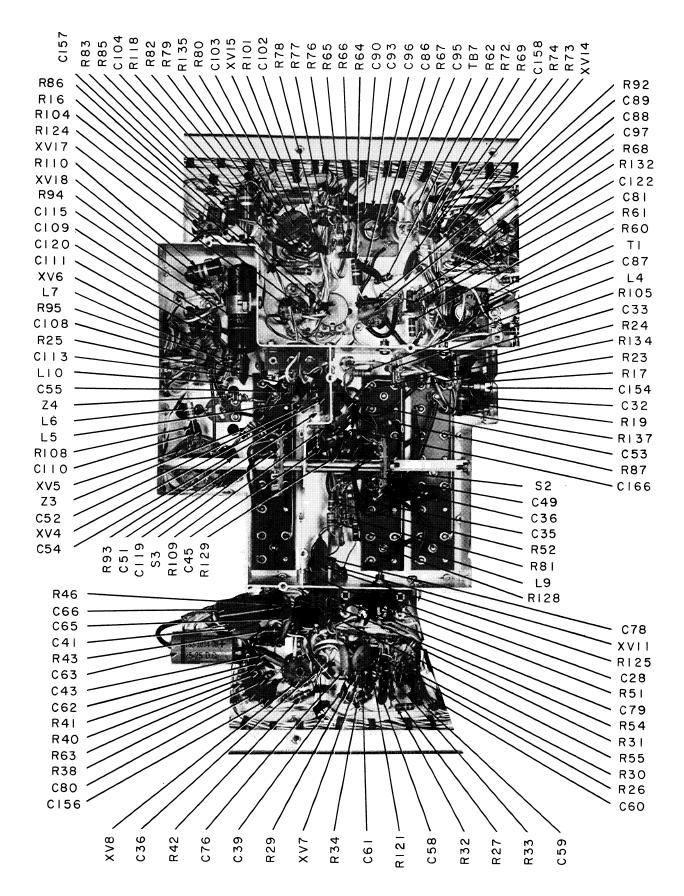


Figure 6-3. Center of Chassis

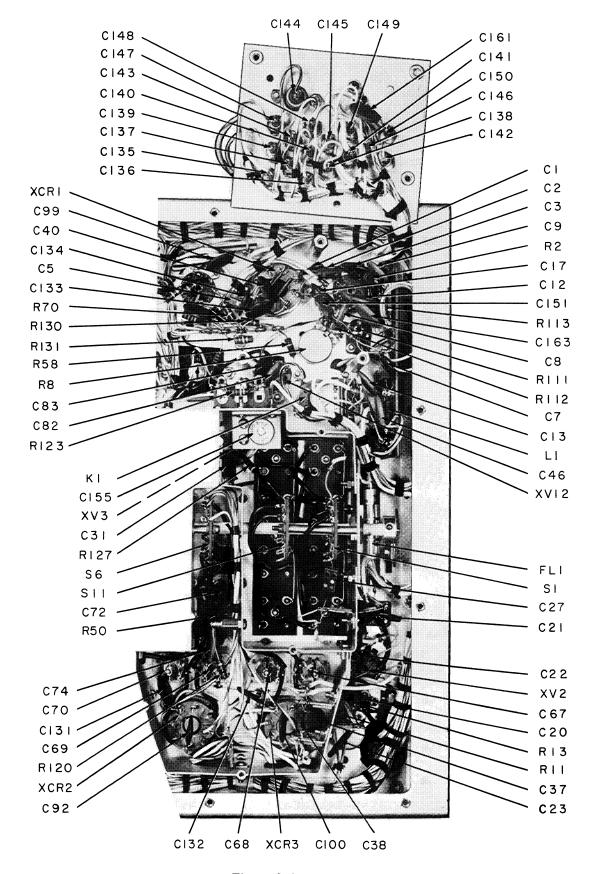


Figure 6-4. Right Side of Chassis

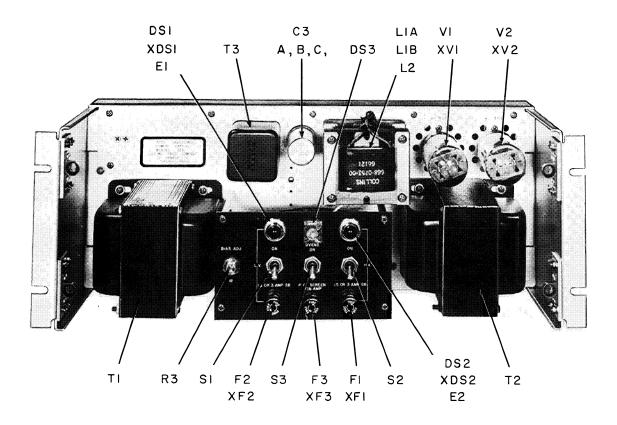


Figure 6-5. Power Supply, Front View, Cover Removed

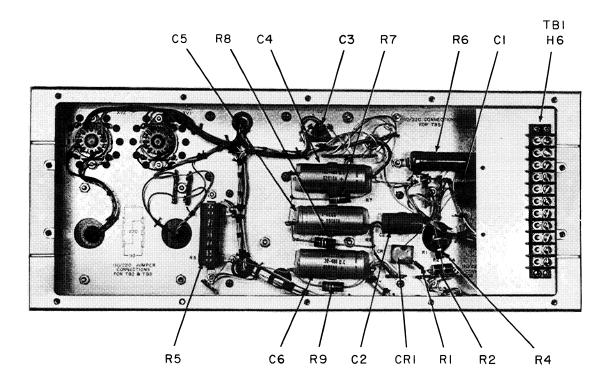


Figure 6-6. Power Supply, Rear View, Cover Removed