

TRAV-LER
MODELS 55C46, 56C46

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TRADE NAME	Trav-Ler Models 55C46, 56C46					
MANUFACTURER	Trav-Ler Radio & Tel. Corp., 571 W. Jackson Blvd., Chicago, Illinois					
TYPE SET	AC Operated AM Receiver With Electric Clock					
TUBES (Five)	Types 12BE6 Converter, 12BA6 IF Amplifier, 12AV6 Det-AVC-AF Amp., 50C5 Output, 35W4 Rectifier					
POWER SUPPLY	110-120 Volts AC - 60 Cycles	RATING	.28 Amp. @ 117 Volts AC			
TUNING RANGE—BROADCAST	535KC - 1630KC					
ALIGNMENT INSTRUCTIONS—READ CAREFULLY BEFORE ATTEMPTING ALIGNMENT						
Volume control should be at maximum position. Output of signal generator should be no higher than necessary to obtain an output reading. Use an insulated alignment screwdriver for adjusting. Use isolation transformer, if available. If not, connect a .1MFD capacitor in series with low side of signal generator and B-. Loop should be maintained in same relative position to chassis as when receiver is in cabinet. To set pointer, turn tuning capacitor fully closed and set pointer parallel with base of dial.						
DUMMY ANTENNA	SIGNAL GENERATOR COUPLING	SIGNAL GENERATOR FREQUENCY	RADIO DIAL SETTING	OUTPUT METER	ADJUST	REMARKS
.1MFD	High side to antenna stator lug on tuning gang. Low side to B-.	455KC (40% Mod)	Tuning gang fully open.	Across voice coil.	A1, A2, A3, A4	Adjust for maximum output. If isolation transformer is not used, reduce dummy antenna to .001MFD to reduce hum modulation.
"	"	1630KC	"	"	A5	"
	Loop	1400KC	Tune to 1400KC signal.	"	A6	Fasten loop of several turns of wire and radiate signal into loop of receiver. Adjust for maximum output.
	"	535KC	Tuning gang fully closed.	"	A7	"

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PARTS LIST AND DESCRIPTIONS
 TUBES (GENERAL ELECTRIC, SYLVANIA)

TRAV-LER
 MODEL 55C46

ITEM No.	USE	TYPE	NOTES	ITEM No.	USE	TYPE	NOTES
V1	Converter	12BE6		V4	Output Rectifier	50C5	
V2	IF Amplifier	12BA6		V5		35W4	
V3	Det.-AFC-AF Amp.	12AV6					

ELECTROLYTIC CAPACITORS

ITEM No.	RATING CAP.	VOLT.	REPLACEMENT DATA					
			TRAV-LER PART No.	AEROVOX PART No.	CORNEIL DUBIER PART No.	MALLORY PART No.	PYRAMID PART No.	SPRAGUE PART No.
C1A	50	150	EC-35	PRS50V5050	BERD5815	TCD49	TDLD-9	FMD-1550
B	50	150						TVA-2453

FIXED CAPACITORS

Capacity values given in the rating column are in mfd. for Paper Capacitors, and in mmfd. for Mica and Ceramic Capacitors.

ITEM No.	RATING CAP.	VOLT.	REPLACEMENT DATA						NOTES
			TRAV-LER PART No.	AEROVOX PART No.	CORNEIL DUBIER PART No.	ERIC PART No.	MALLORY PART No.	SPRAGUE PART No.	
C2	220		CC-33	BPD-00022	DD-231	L10T23	ED-230	UG-5322	EGA-T22
C3	47		CC-12	XP0-S147	TC7-47	C10C4TU	TC7-47	21CC-647	
C4	.05	400	PC-9	BPD-05	DF-503	CUBA55	GP-5000	GEM-415	51K-55
C5	5000		CC-3	BPD-005	DD-502	BYA10D5		DC525	4TM-P1
C6	.1	400	PC-8	2488N-1	DF-104	CUBA41		GP-401	
C7	.05	400	PC-5	BPD-05	DF-503	CUBA55		GP-415	4TM-S5

CONTROLS

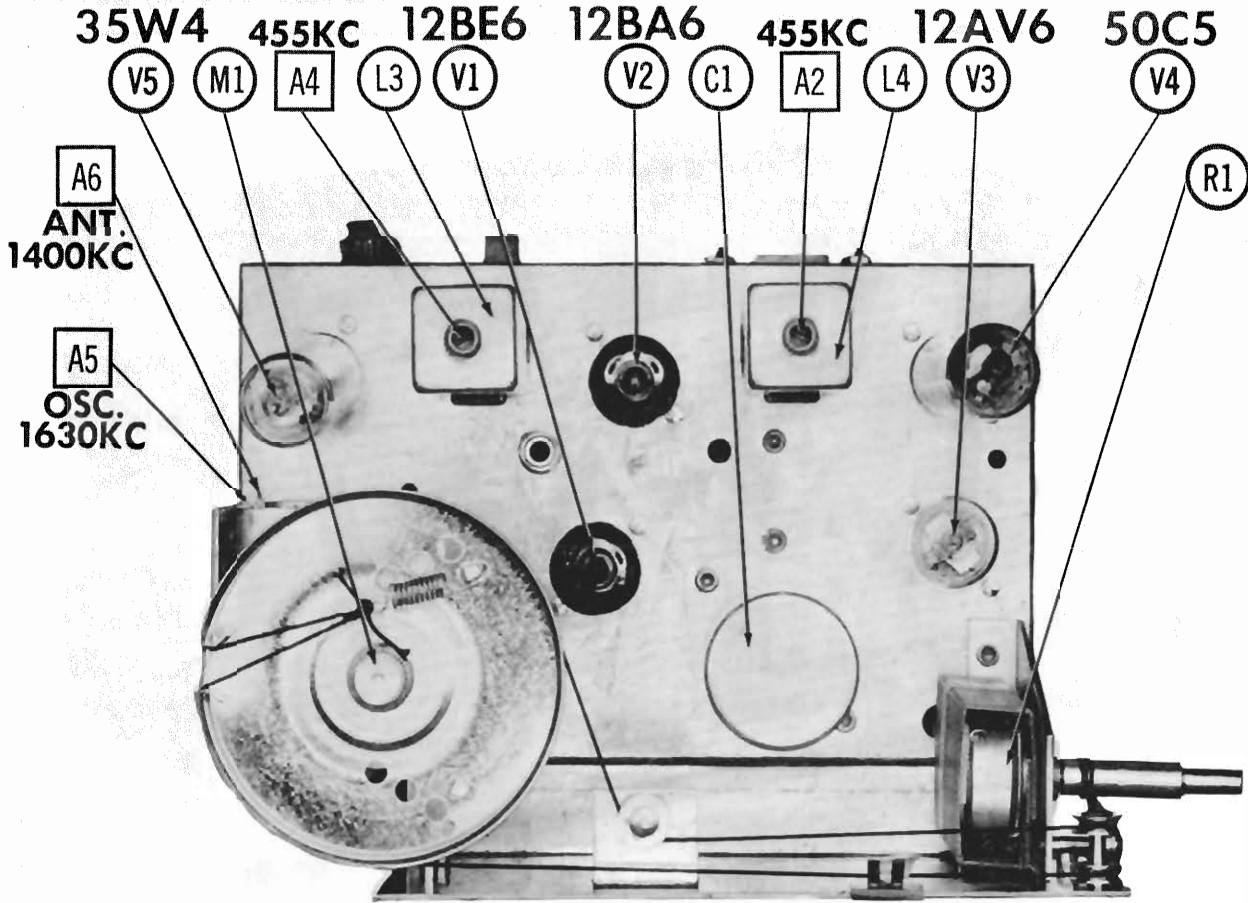
ITEM No.	RATING RESISTANCE	WATTS	REPLACEMENT DATA				INSTALLATION NOTES
			TRAV-LER PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	IRC PART No.	
R1A	1Meg	1/2	VC-69		A47-1Meg-Z		Volume
B	Shaft				R5-3/16	U53 DS-37	

RESISTORS

All wattages 1/2 watt, or less, unless otherwise listed.

ITEM No.	RATING OHMS	WATT	REPLACEMENT DATA		NOTES	ITEM No.	RATING OHMS	WATT	REPLACEMENT DATA		NOTES
			TRAV-LER PART No.	IRC PART No.					TRAV-LER PART No.	IRC PART No.	
R2	330		IR-17	BTS-33		R7	2200		IR-114	BTS-220	
R3	22K		IR-9	BTS-22K		R8	1000Ω		IR-42	BTA-1000	
R4	1Meg		IR-12	BTS-1Meg		R9	330	1	IR-17	BTS-33	
R5	3.3Meg		IR-23	BTS-3.3Meg		R10	220K		IR-20	BTS-220K	
R6	220Ω		IR-114	BTS-220							

CHASSIS—TOP VIEW



PARTS LIST AND DESCRIPTIONS (Continued)

TRANSFORMER (AUDIO OUTPUT)

ITEM No.	IMPEDANCE		REPLACEMENT DATA				NOTES	
			Tray-Ler PART No.	Holldorson PART No.	Merit PART No.	Stancor PART No.		Thordorson PART No.
	PRI.	SEC.						
T1	2800Ω tapped	3-4Ω	Part of speaker SPK-43					

SPEAKER

ITEM No.	TYPE		REPLACEMENT DATA		NOTES	
			TRV-Ler PART No.	QUAM PART No.		
	SIZE	FIELD	V. C. IMP.			
SP1	4"	PM	3-4Q	SPK-43 ①	4A07	① Includes TL

COILS (RF-IF)

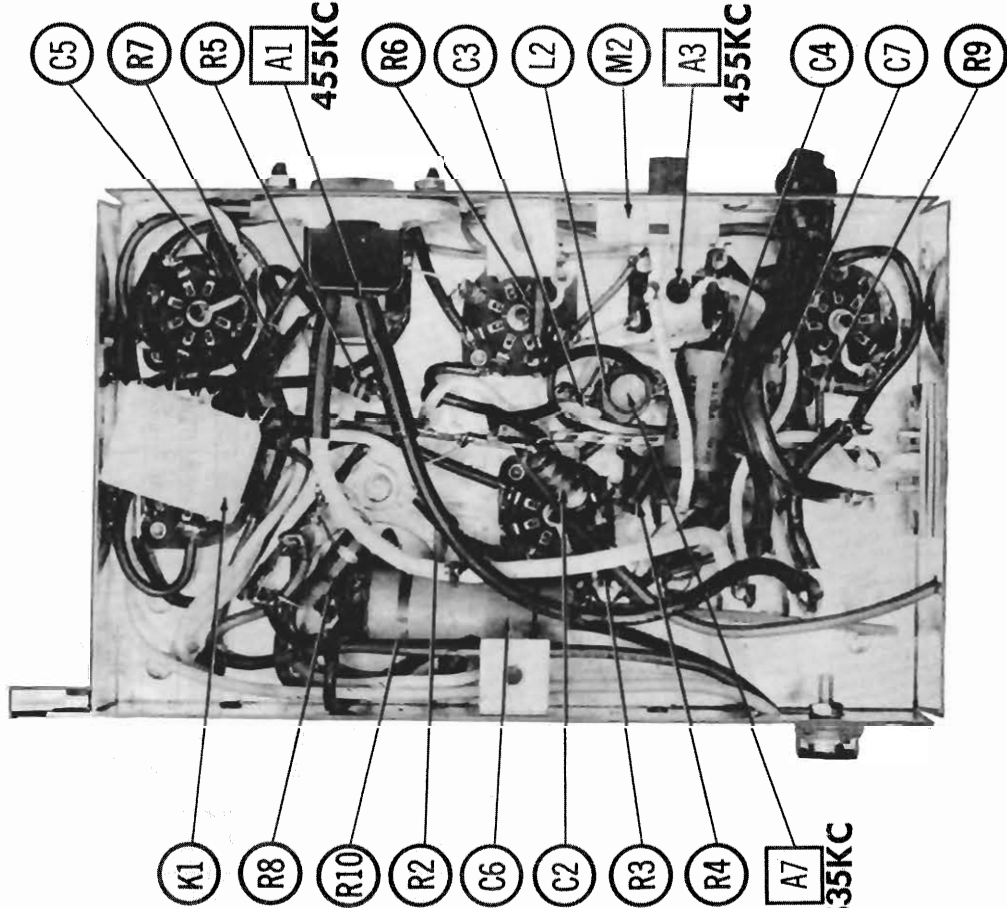
ITEM No.	USE	REPLACEMENT DATA				NOTES
		TRAV-LER PART No.	WEISSNER PART No.	MERIT PART No.	MILLER PART No.	
L1	Loop Antenna	L1-43				
L2	Osc. Coil	L10-21	14-1060	BC-387	71-Osc.	135 Microhenries
L3	1st IF Transformer	L1-13	16-6758	BC-352	I2-C1	
L4	2nd IF Transformer	L1-13	16-6758	BC-353	I2-C2	

COMPONENT COMBINATIONS

ITEM No.	USE	DESCRIPTION	TRAV-LER PART No.	REPLACEMENT DATA
K1	Det.-Audio Comp. Net.	220MMF, 200MMF, 20MMF, 5000MMF, ±.8Meg, ±.0K, 470K	MC-19	Aerovox PC-150 116TMI 1498-01 DIT-5

MISCELLANEOUS

ITEM No.	PART NAME	TRAV-LER PART No.	NOTES
M1	Tuning Cup.	GC-18	Two Gang (13-383MMF, 22-166MMF)
M2	Switch	SW-9	Radio On-Off, Slide Type (SPST)
M3	Click	CK-5	



CHASSIS—BOTTOM VIEW