STROMBERG-CARLSON NO. 1100 AC-DC RADIO RECEIVERS

NORMAL VOLTAGE READINGS

Use a good voltmeter having a resistance of at least 1000 ohms per volt. See chart below if electronic voltmeter is used.

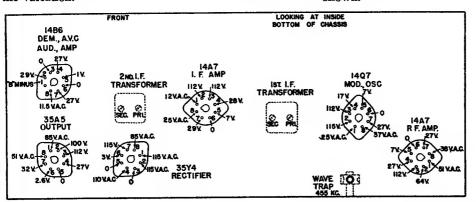
Take all readings with chassis operating and tuned to approximately 1000 Kc.—no input signal.

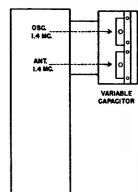
Use a line voltage of 117 volts or make allowance for the variation.

Read from indicated socket terminals to B minus. A convenient point is terminal No. 1 of the 14B6 Dem. A.V.C. Socket.

See Location Chart for position of terminals.

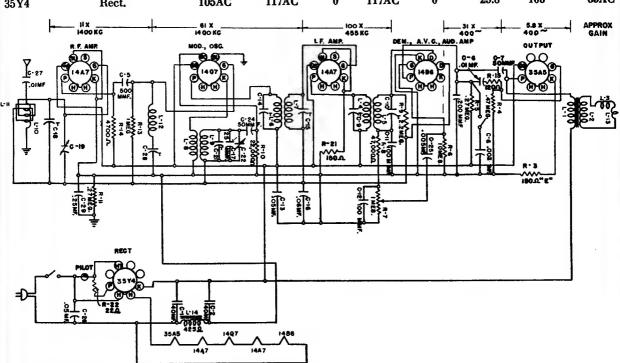
A. C. Voltages are indicated as A. C.; when the receiver is operated from a D. C. power supply, D. C. voltages will be obtained in place of A. C. voltages shown.



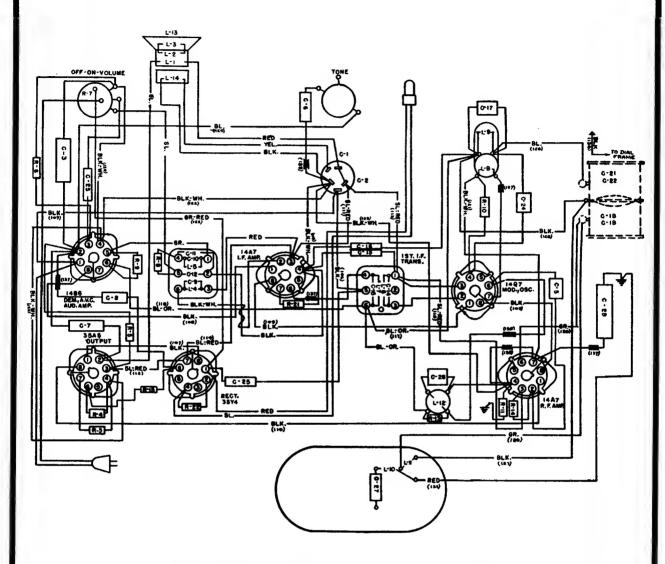


VOLTAGE CHART FOR ELECTRONIC VOLTMETER

		-	•			2	c	77	0
Tube	Circuit	1	Z	3	4	Ð	v	•	0
14B6	Dem. A.V.C. Audio Amp.	B	81	14	26.5	23.5	18	27	12AC
14A7	I. F. Amp.	11.5AC	105	105	36.5	26	18.4	27.6	24AC
14A7	R. F. Amp.	47AC	69	105	26.7	26	18.4	26.7	35AC
35A5	Output	82.5AC	100	105	26.5	0	2 5	32	49AC
14Q7	Mod. Osc.	27.5AC	105	105	18	26	17.2	26.5	36AC
35Y4	Rect.	105AC	117AC	0	117AC	0	25.8	105	85AC

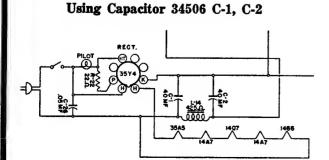


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1100 RECEIVER—CHANGE IN RECTIFIER CIRCUIT

Field Coil of Speaker has been removed from negative side of Rectifier Circuit to positive side.



CIRCUIT BEFORE CHANGE

CIRCUIT AFTER CHANGE Using Capacitor 111001 C-1, C-2

