

# AIRZONE RADIO

## SERVICE INFORMATION

SHEET No. 38

### CHASSIS TYPE 516

#### TUBE VOLTAGE AND CURRENT READINGS

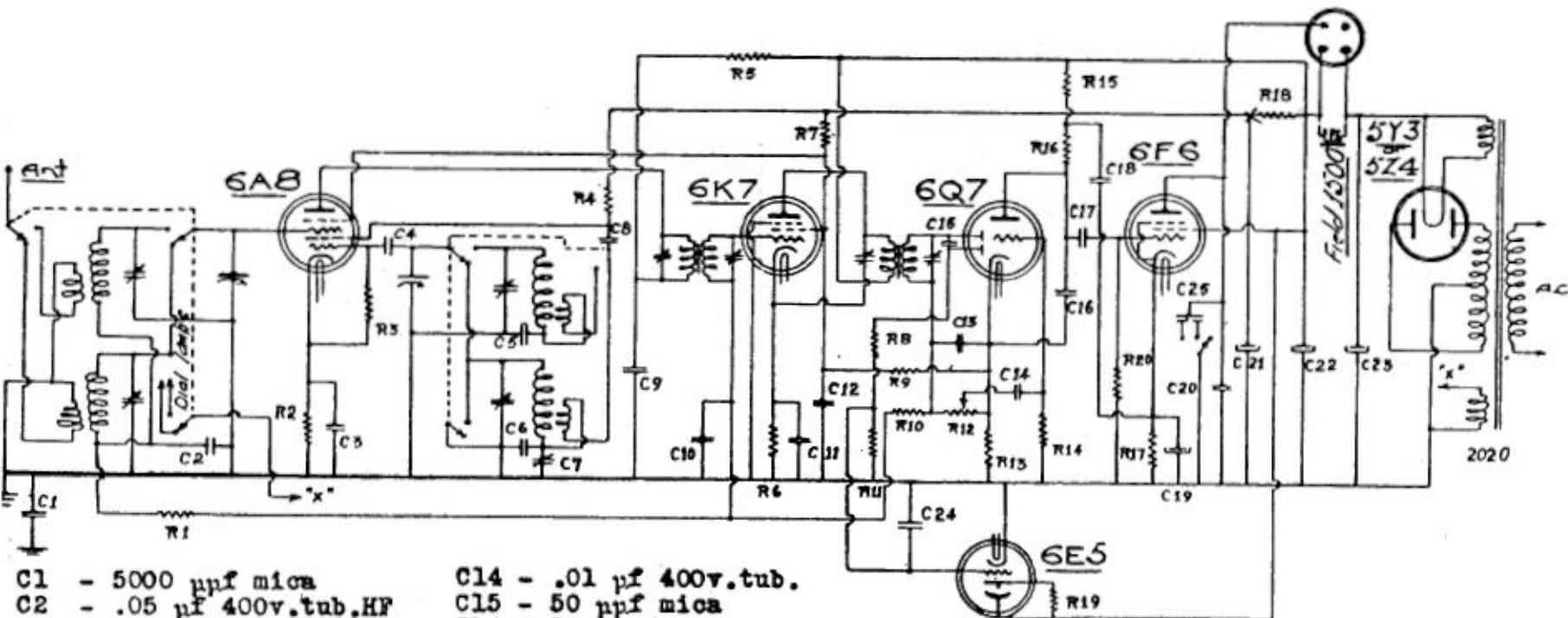
TUBE	POSITION	PLATE		SCREEN		OSCILLATOR ANODE GRID		BIAS.
		VOLTAGE	CURRENT	VOLTAGE	CURRENT	VOLTAGE	CURRENT	
6A8	Convertor	230	4.0	100	5.0	90	5.0	5.0
6K7	I.F.	245	7.5	100	2.0			3.5
6Q7	2nd Det., Audio	85	.5					1.2
6F6	Power	235	32.0	245	5.5			15.0
5Z4	Rectifier	345						
6E5	Tuning Indicator	245	4.0					

All measurements to be taken with "WAVE CHANGE" switch in Short Wave position and no signal tuned in so that AVC will not function and affect operating voltages and currents. All voltages are with respect to chassis. .

The figures shown are measured when the mains voltage is 215 volts or 240 volts which ever range is selected on the transformer tap.

Airzone Receivers provide for two ranges of mains voltages from 200 to 230 and 230 to 250 volts. Tappings are provided at the power transformer terminal strip to cover these ranges, and are color coded as follows :

200 to 230 Black & Yellow      230 to 250 Black & Red.



C1 - 5000 puf mica  
 C2 - .05 pf 400v.tub.HF  
 C3 - .1 pf 400v.tubular  
 C4 - 50 puf mica  
 C5 - 7025 puf mica + 1%  
 C6 - 300 puf mica + 3%  
 C7 - Adj.padder 3 Plate  
 C8 - 500 puf mica  
 C9 - .1 pf 400v.tubular  
 C10 - .05 pf 400v.tub.  
 C11 - .1 pf 400v.tubular  
 C12 - .02 pf 400v.tub.  
 C13 - 250 puf mica

C14 - .01 pf 400v.tub.  
 C15 - 50 puf mica  
 C16 - 500 puf mica  
 C17 - .02 pf 400v.tub.  
 C18 - .25 pf 400v.tub.  
 C19 - 10 pf elect.25v.W  
 C20 - 5000 puf mica  
 C21 - 8 pf elect.500v.W  
 C22 - 8 pf elect.500v.W  
 C23 - 8 pf elect.500v.W  
 C24 - .05 pf 400v.tub.  
 C25 - .01 + .03 pf dual

R1 - .25 M.Ω 1/4W.  
 R2 - 400 Ω 1/2W.  
 R3 - .1 M.Ω 1/4W.  
 R4 - 10 K.Ω 1/2W.  
 R5 - 4 K.Ω 1/2W.  
 R6 - 400 Ω 1/2W.  
 R7 - 5 K.Ω 1W.  
 R8 - 1 M.Ω 1/4W.  
 R9 - 20 K.Ω 1/2W.  
 R10 - 1 M.Ω 1/4W.

R11 - 1 M.Ω 1/4W.  
 R12 - .5 M.Ω V.C.  
 R13 - 220 Ω P type  
 R14 - 1 M.Ω 1/4W.  
 R15 - 50 K.Ω 1/2W.  
 R16 - .25 M.Ω 1/2W.  
 R17 - 460 Ω P type  
 R18 - 5 K.Ω 1W.  
 R19 - 1 M.Ω 1/4W.  
 R20 - .5 M.Ω 1/4W.

I.P. 456 K.C.

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