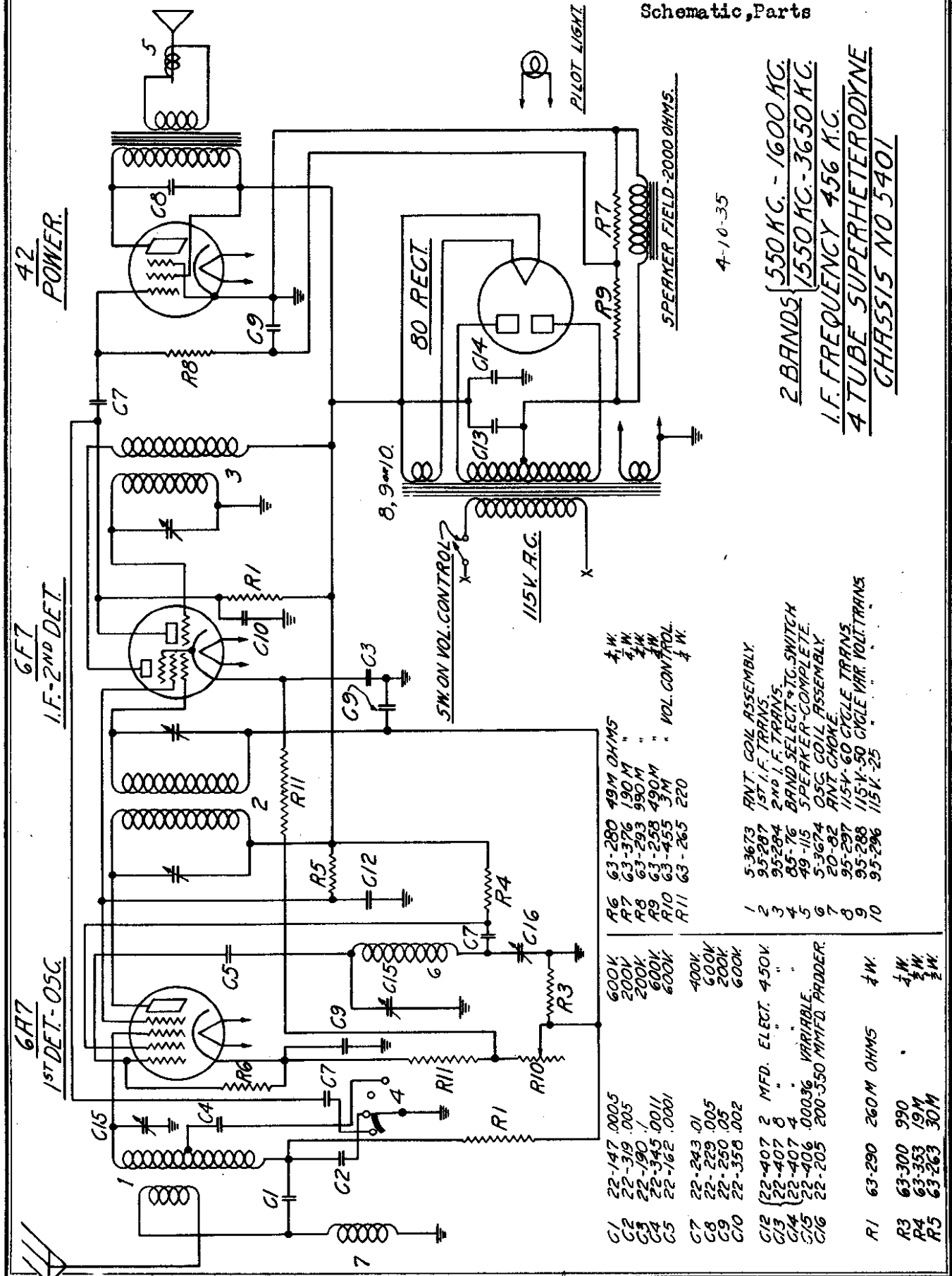


ZENITH RADIO CORP.

MODELS 4P26, 4T26, 4P51, 4T51

Chassis 5401

Schematic, Parts



- R6 63-280 49M OHMS 1/4 W.
- R7 63-376 190 M " 1/4 W.
- R8 63-293 990 M " 1/4 W.
- R9 63-258 490M " 1/4 W.
- R10 63-455 3M " VOL. CONTROL 1/4 W.
- R11 63-265 220 " 1/4 W.

- 1 5-3673 ANT. COIL ASSEMBLY
- 2 95-287 1ST I.F. TRANS.
- 3 95-284 2ND I.F. TRANS.
- 4 85-76 BAND SELECT. T.C. SWITCH
- 5 49-115 SPEAKER-COMPLET.
- 6 5-3674 OSC. COIL ASSEMBLY
- 7 20-82 ANT. CHOK
- 8 95-297 115V-60 CYCLE TRANS.
- 9 95-288 115V-90 CYCLE VAR. VOLT. TRANS.
- 10 95-296 115V-25

- C1 22-147 .0005
- C2 22-319 .005
- C3 22-190 1
- C4 22-345 .0011
- C5 22-162 .0001
- C6 600K
- C7 200V
- C8 200K
- C9 200K
- C10 600K
- C11 400K
- C12 600V
- C13 22-407 2 MFD. ELECT. 450V
- C14 22-407 4
- C15 22-407 4
- C16 22-406 .00036 VARIABLE
- C17 22-205 200-350 MMFD. PAPER
- R1 63-290 260 M OHMS 1/4 W.
- R3 63-300 990 1/4 W.
- R4 63-353 19M 1/4 W.
- R5 63-263 30M 1/4 W.

4-10-35

2 BANDS { 550 KC. - 1600 KC.
1550 KC. - 3650 KC.
I.F. FREQUENCY 456 KC.
4 TUBE SUPERHETERODYNE
CHASSIS NO 5401

MODELS 4P26, 4T26, 4P51, 4T51

Chassis 5401

ZENITH RADIO CORP.

Voltage, Socket, Trimmers

Alignment, Parts List

78-103 Type 6F7 Socket (Wafer Type).....	.10
78-106 " 6A7 " .....	.10
78-128 Speaker Plug Socket .....	.10
78-129 Voltage Indicator Socket (25 Cycle only)	.10
85-76 Band Selector and Tone Control Switch .	.35
95-297 115 V., 60 Cycle Power Transformer	2.50
95-296 All Voltage 25 Cycle Power Transformer	4.75
100-23 6.3 V. Pilot Lamp .....	.15
126-191 Tube Shield .....	.15
63-258 490 M Ohm $\frac{1}{4}$ Watt Resistor .....	.20
63-263 50M " " .....	.20
63-265 220 " " .....	.20
63-280 49M " " .....	.20
63-290 260M " " .....	.20
63-293 990M " " .....	.20
63-300 990 " " .....	.20
63-376 190M " " .....	.20
63-455 Volume Control Assembly	1.00
22-147 .0005 Mfd. 600 V. ....	.15
22-162 .0001 " 600 V. ....	.20
22-205 200-500M Mfd. Padder .....	.35
22-229 .005 Mfd. 600 V. ....	.15
22-243 .01 " 400 V. ....	.15
22-250 .05 " 200 V. ....	.20
22-319 .005 " 200 V. ....	.20
22-345 .0011 " 600 V. ....	.15
22-358 .002 " 600 V. ....	.20
22-406 2-Gang Variable	2.50
22-407 2 X 4 X 8 Mfd. 450 V.	1.75
S-3673 Antenna Coil Assembly	1.00
S-3674 Oscillator Coil Assembly .....	.65
S-3720 1st I.F. Transformer Assembly	1.25
95-284 2nd I.F. Transformer Assembly	1.00
20-82 Antenna Choke .....	.25
S-3717 Dial Pointer and Pushing Assembly .	.25
S-3716 Dial Scale and Frame Assembly .....	.50
46-122 Tuning Knobs .....	.10
49-115 5" Dynamic Speaker (Model 26)	4.50
49-115 Cone and Voice Coil for 49-115	2.00
49-115 Output Transformer for 49-115	1.75
49-115 Field Coil for 49-115	1.50
49-116 8" Dynamic Speaker for Model 51 ...	6.00
49-116 Cone and Voice Coil for Model 51 ...	2.50
49-116 Output Transformer for Model 51 ...	1.75
49-116 Field Coil for Model 51	1.50

TUBE	POSITION	Bf	Ek	Eg1	Eg2	Eg3	Ep
6A7	1st. Det.	6.1	27	0	111	-	231
6F7	Osc.	-	-	12	-	-	150
	I.F.	6.1	25	0	111	-	231
42	2nd. Det.	6.1	0	0	-	-	195
	PWR.	6.1	0	-15	231	-	219
80	RECT.	5	-	-	-	-	231

f - heaters; k - cathode; gl - control grid; g2 - control grid; g3 - screen grid; g5 - suppressor grid; p - plate.
 All measurements taken from point indicated to ground, using a 1,000 ohm per volt D.C. meter (except heater).

Alignment

- (1) Balance I. F. transformer at 466 K.C.
 - (2) Place switch in left or broadcast position. Set dial pointer at 1500 K.C. and align trimmers on gang to resonance. Align broadcast padder at 540 K.C. slowly rocking pointer past 540 on dial to position giving strongest signal.
- There are no adjustments for the short wave band.

