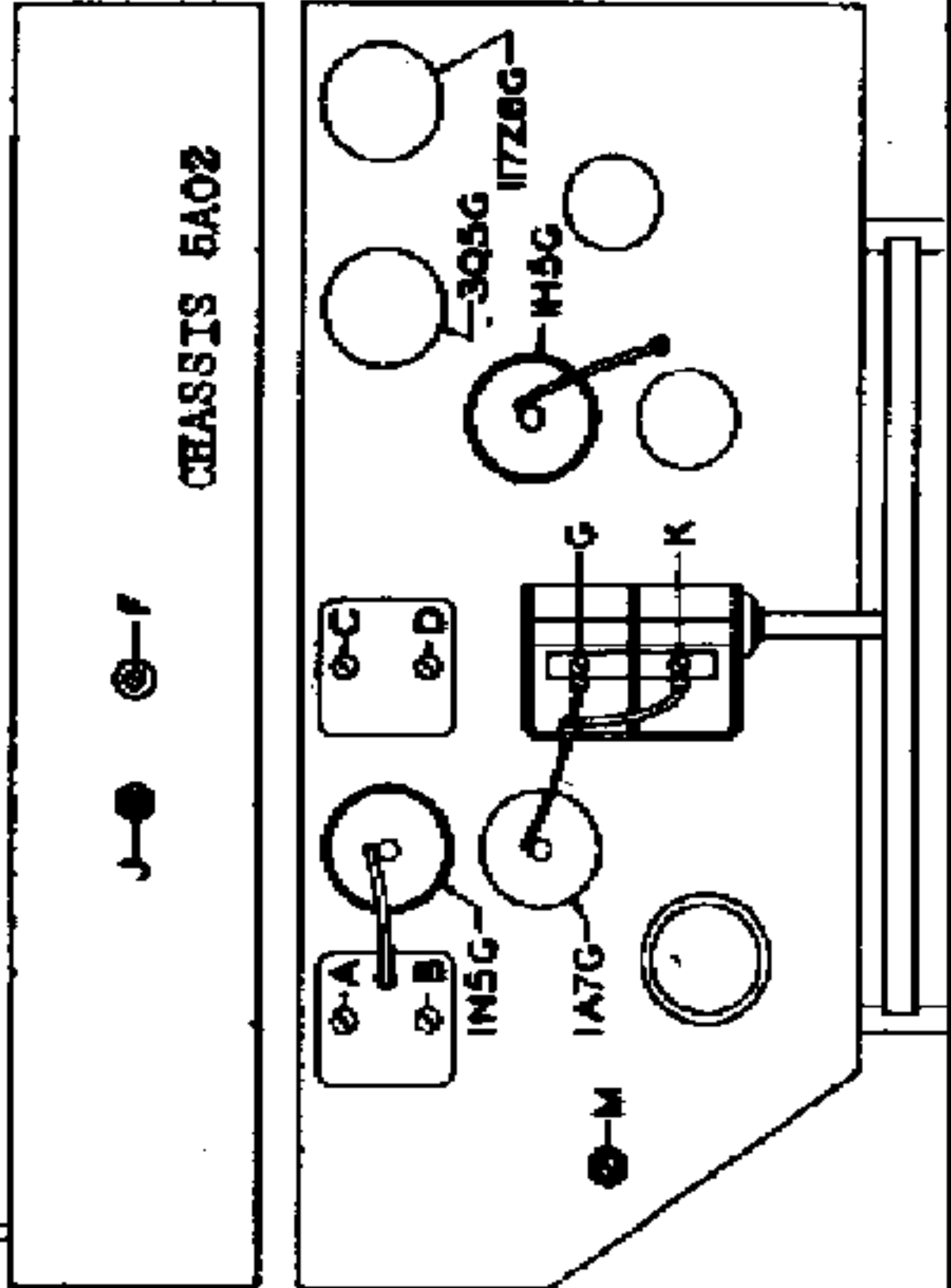
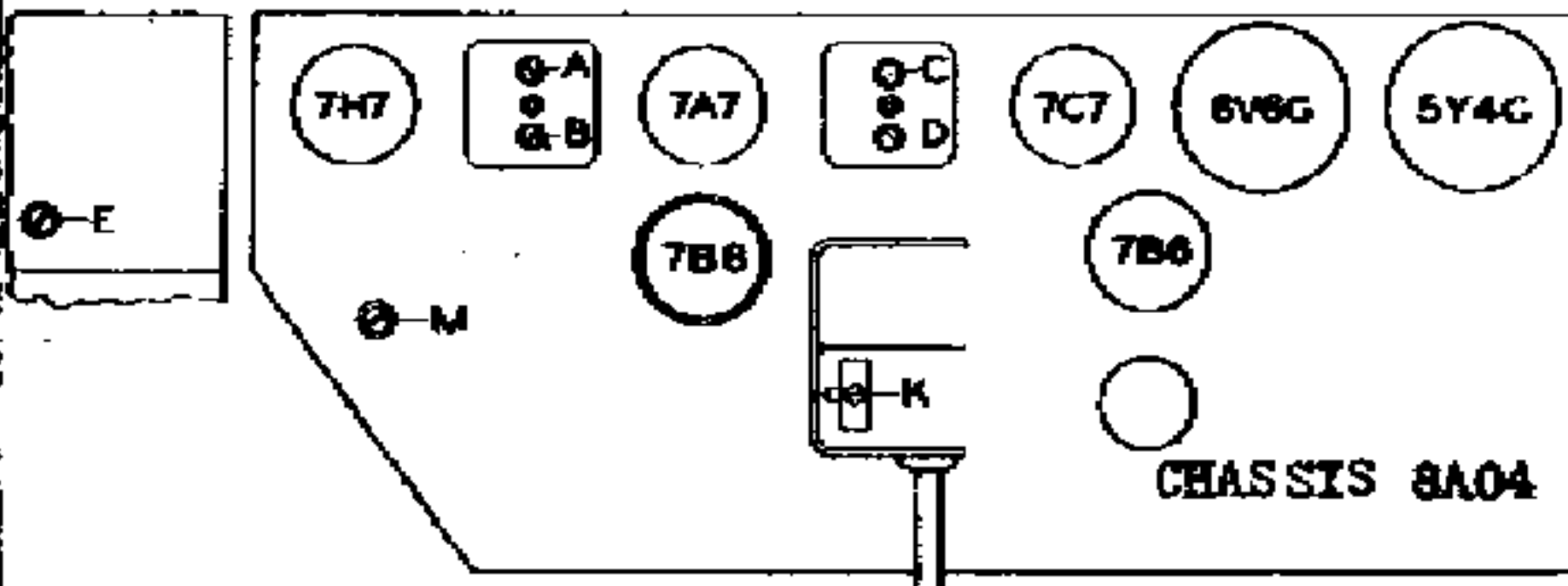
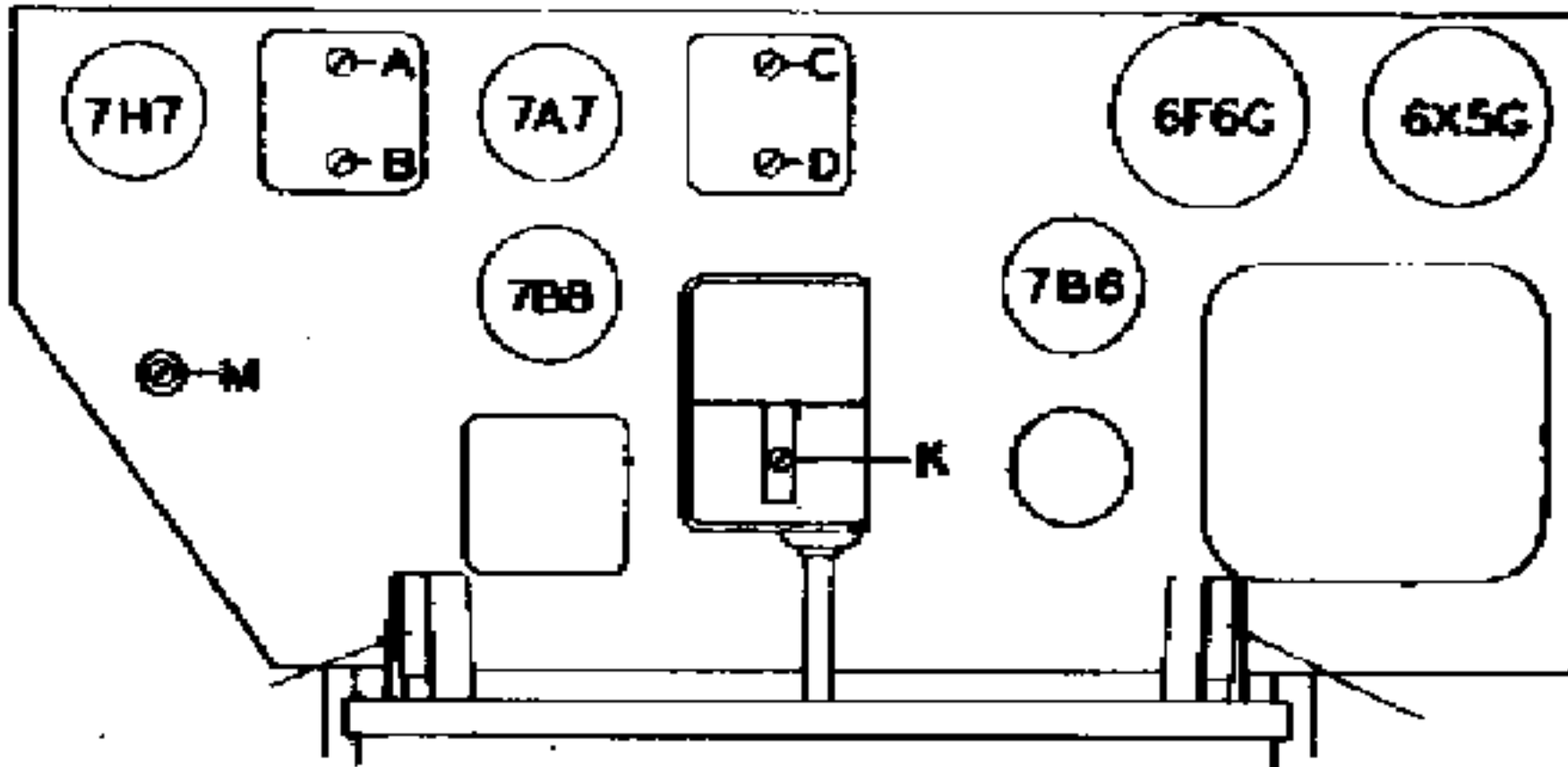
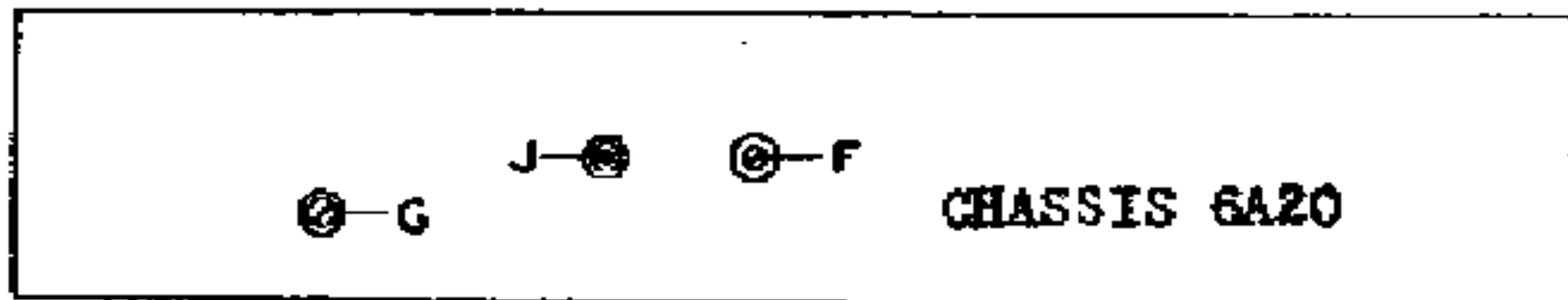
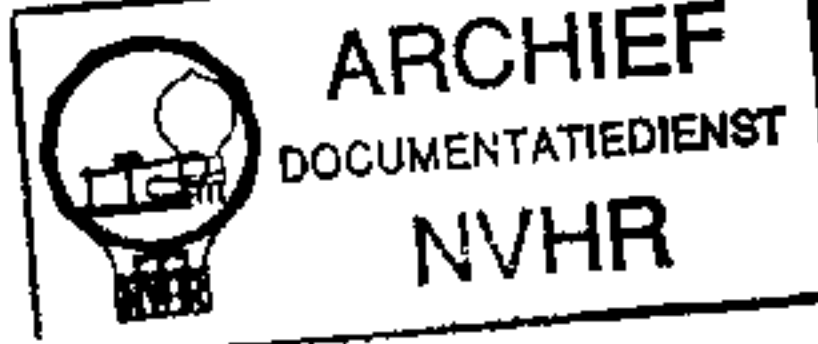


Ch. 5A02  
 Ch. 6A20  
 Ch. 8A04  
 Ch. 10A1, 10A2

ZENITH RADIO CORP.

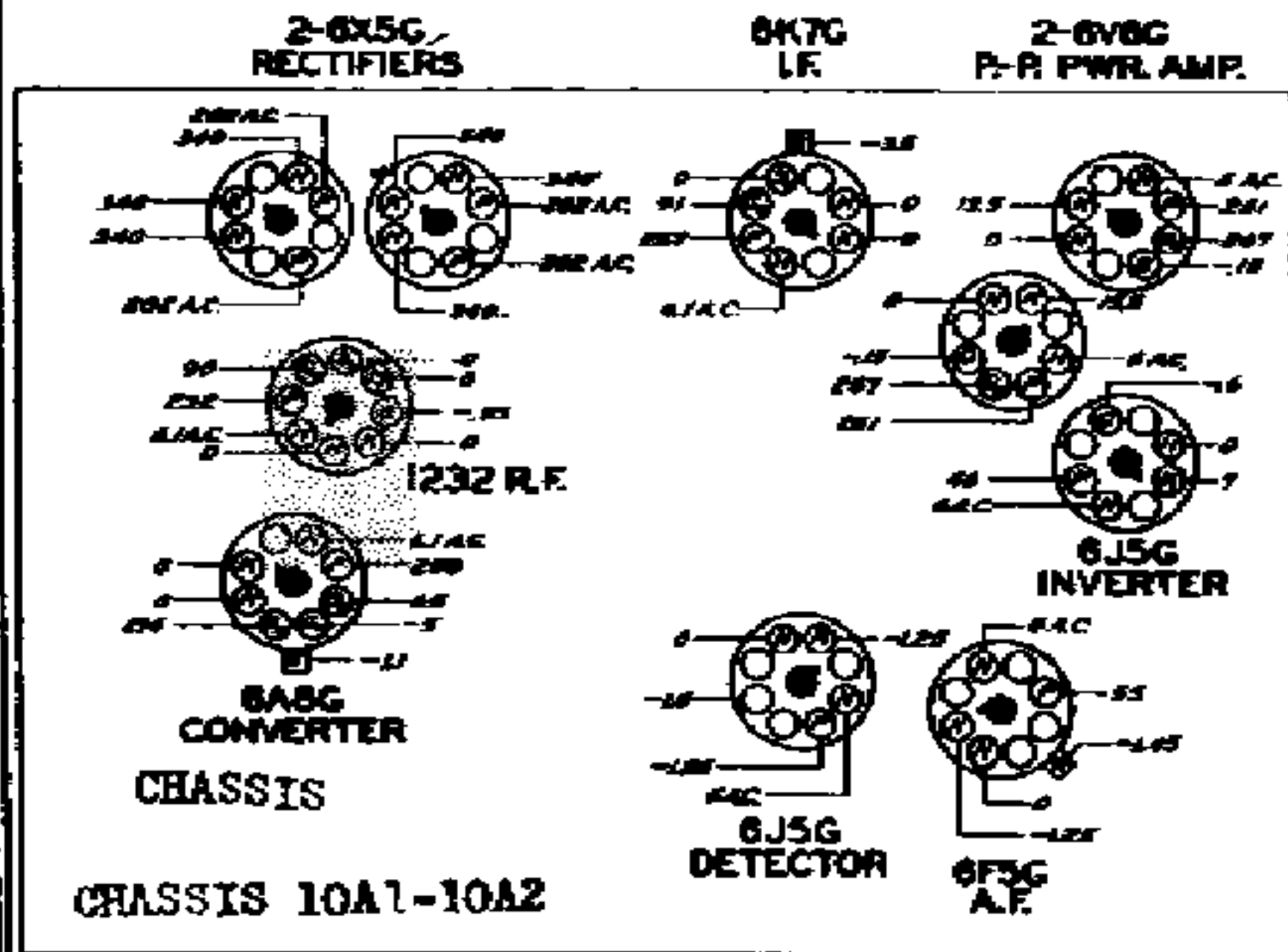


**ALIGNMENT-CHASSIS 5A02**  
 I.F. ALIGNMENT CONVENTIONAL  
 ADJUST TRIMMERS A B C D-455 KC  
 TRIM K 18 MC  
 TRIM F,G 1700 KC  
 PAD J AT 600 KC  
 TRIM M AT 18 MC

**ALIGNMENT-CHASSIS 6A20**  
 I.F. SAME AS CHASSIS 5A02  
 TRIM K AT 18 MC  
 TRIM M AT 16 MC  
 TRIM F,G AT 1500 KC  
 PAD J AT 600 KC  
 WITH 455-KC SIGNAL  
 FED TO RF GRID, ADJUST  
 WAVE TRAP E FOR MINIMUM  
 RESPONSE.

**ALIGNMENT -CHASSIS 8A04**  
 SAME AS FOR CHASSIS 6A20

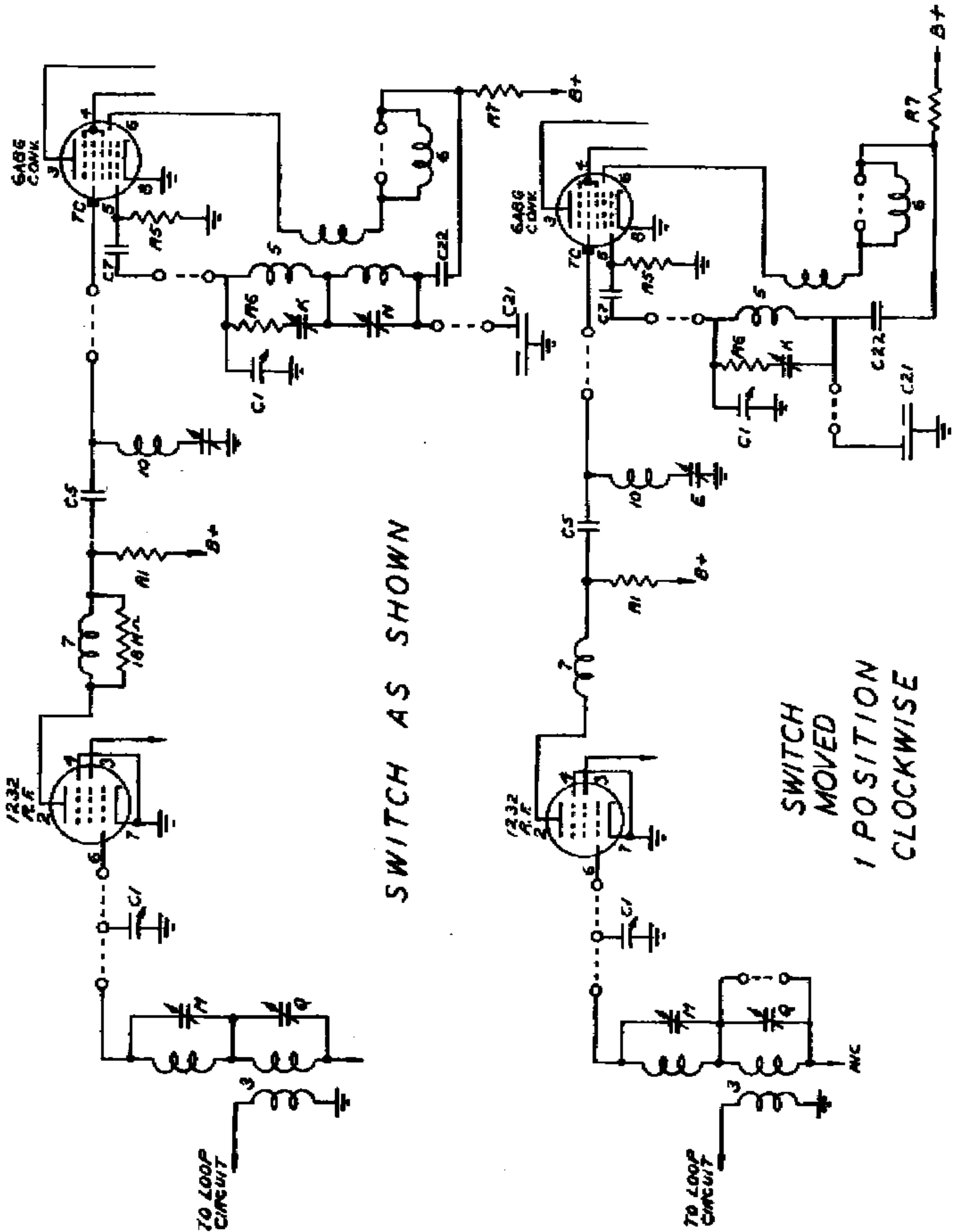
**VOLTAGE DATA**  
**CHASSIS 10A1-10A2**  
 ALL VOLTAGES MEASURED WITH  
 20,000 OHMS-PER-VOLT METER  
 FROM CHASSIS TO POINT INDIC-  
 ATED



ZENITH RADIO CORP.

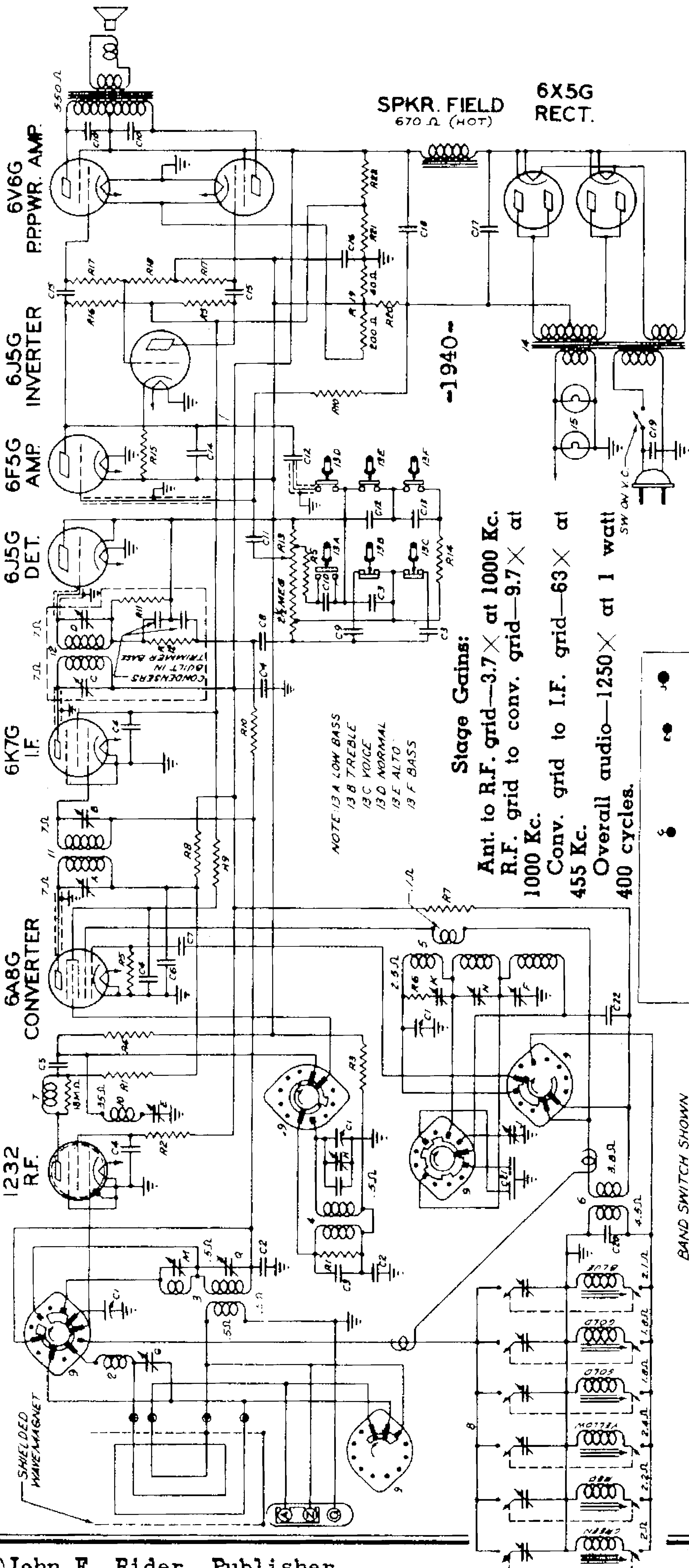
MODELS 10S-531, 10S-649,  
10S-566, 10S-589,  
10S-590

See Zenith Page 12-25



ZENITH RADIO CORP.

MODELS 10S531, 10S549,  
10S566, Ch. 10A1  
MODELS 10S589, 10S590,  
Ch. 10A2



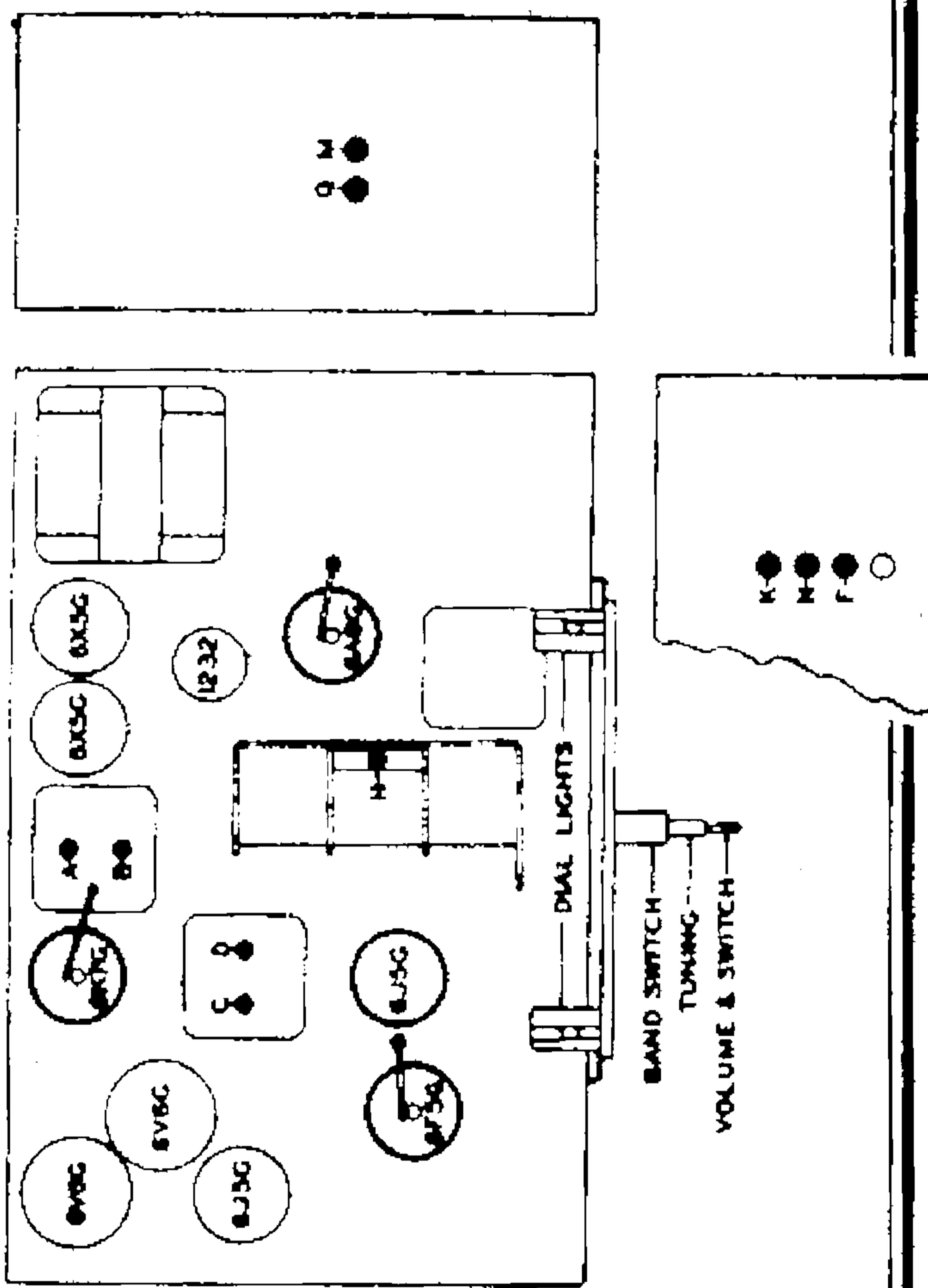
Stage Gains:

Ant. to R.F. grid— $3.7 \times$  at 1000 Kc.  
R.F. grid to conv. grid— $9.7 \times$  at 1000 Kc.  
Conv. grid to I.F. grid— $63 \times$  at 455 Kc.  
Overall audio— $1250 \times$  at 1 watt 400 cycles.

NOTE: 13 A LOW BASS  
13 B TREBLE  
13 C VOICE  
13 D NORMAL  
13 E ALTO  
13 F BASS

FOR VOLTAGES SEE IND EX

I.F. 455 KC  
I.F. ALIGNMENT CONVENTIONAL  
SEE SPECIAL SECTION VOL VIII  
I.F. TRIMMERS A, B, C, D  
WAVE TRAP E, ADJUST FOR MINIMUM  
SIGNAL RESPONSE WITH SIGNAL  
FED TO ANT. 455 KC  
SW OSC (K) TRIM AT 18 MC  
SW ANT (M) TRIM AT 16 MC  
POL. (Q) TRIM AT 4.5 MC  
BC OSC (F) TRIM AT 1500 KC  
BC (G-H) TRIM AT 1400 KC  
BC (J) PAD AT 600 KC



BAND SWITCH SHOWN  
IN 'POLICE' POSITION

Power consumption—10A1—95  
watts.

Power consumption—10A2—120  
watts.

COMPONENT	DESCRIPTION	PART NO.	DESCRIPTION
C1	22-1003 THREE GANG VARIABLE	R1	63-587 4700 OHM
C2	22-889 .05 MFD	R2	63-585 100M OHM
C3	22-470 .0005 MFD	R3	63-585 10M OHM
C4	22-828 .05 MFD	R4	63-584 15M OHM
C5	22-147 .0005 MFD	R5	63-593 47M OHM
C6	22-825 .1 MFD	R6	63-576 68 OHM
C7	22-187 .25 MFD	R7	63-151 15M OHM
C8	22-327 .02 MFD	R8	63-605 1000 OHM
C9	22-354 .00035 MFD	R9	63-643 18M OHM
C10	22-229 .005 MFD	R10	63-271 1 MEG OHM
C11	22-850 .02 MFD	R11	63-711 220M OHM
C12	22-448 .004 MFD	R12	63-711 22M OHM
C13	22-432 .002 MFD	R13	63-1074 VOLUME CONTROL
C14	22-856 .0005 MFD	R14	63-574 68M OHM
C15	22-171 .05 MFD	R15	63-586 220M OHM
C16	22-871 .1 MFD	R16	63-292 220M OHM
C17	22-304 20 MFD ELECTROLYTIC	R17	63-877 330M OHM
C18	22-470 .0005 MFD	R18	63-648 17M OHM
C19	22-404 .005 MFD	R19	63-1048 70M OHM
C20	22-868 COMPENSATING COND	R20	63-1041 70M OHM
C21	22-835 DUAL OSCILLATOR PAD	R21	63-674 27M OHM
C22	22-358 .002 MFD	R22	63-1050 22M OHM