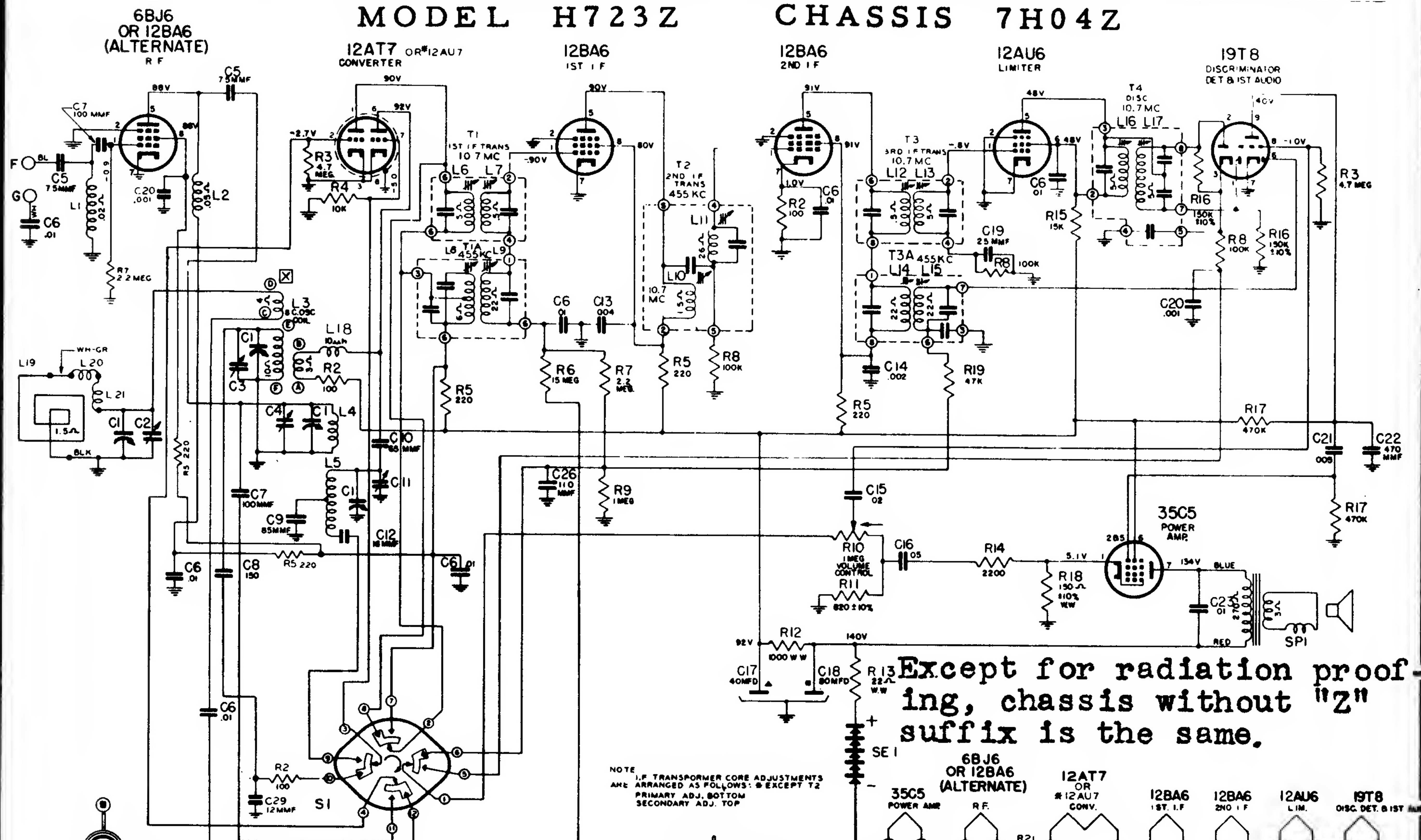
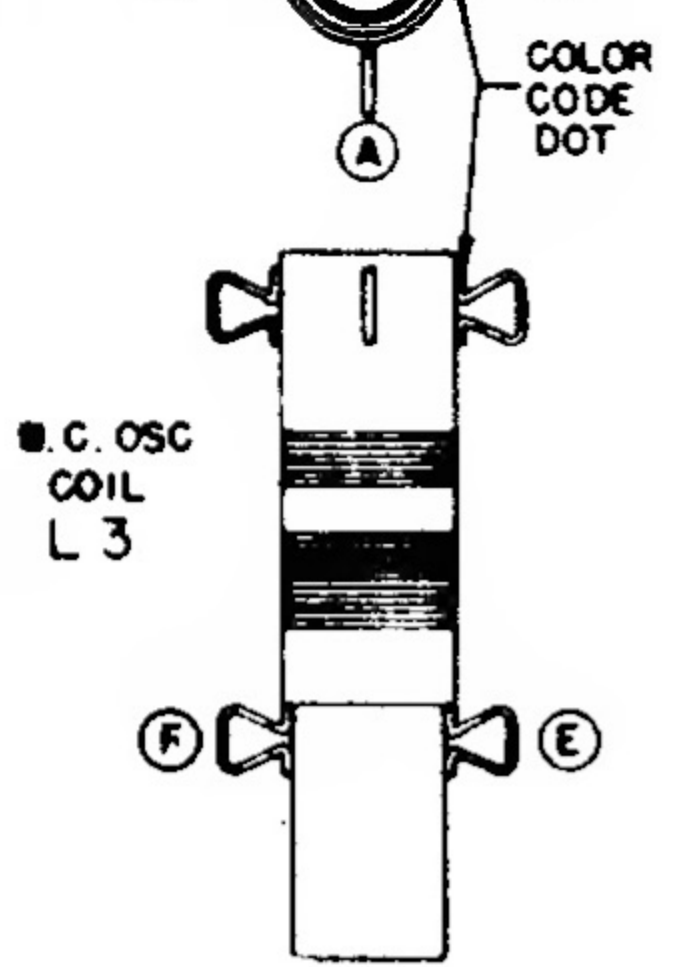


MODEL H723Z CHASSIS 7H04Z



Except for radiation proofing, chassis without "Z" suffix is the same.

NOTE: I.F. TRANSFORMER CORE ADJUSTMENTS ARE ARRANGED AS FOLLOWS: 8 EXCEPT T2 PRIMARY ADJ. BOTTOM SECONDARY ADJ. TOP



BANDSWITCH SHOWN IN STANDARD BROADCAST POSITION. COUNTER CLOCKWISE POSITION AS VIEWED FROM FRONT OF CHASSIS. BANDSWITCH POSITIONS (1ST POS. STD. BROADCAST 2ND POS. F.M. 100 MC)

ARROW ON CONTROLS INDICATE CLOCKWISE ROTATION.

ALL VOLTAGES MEASURED FROM COMMON RETURN TO POINTS INDICATED WITH AN A.C. D.C. VACUUM TUBE VOLTMETER.

ALL VOLTAGES ARE D.C. UNLESS OTHERWISE SPECIFIED

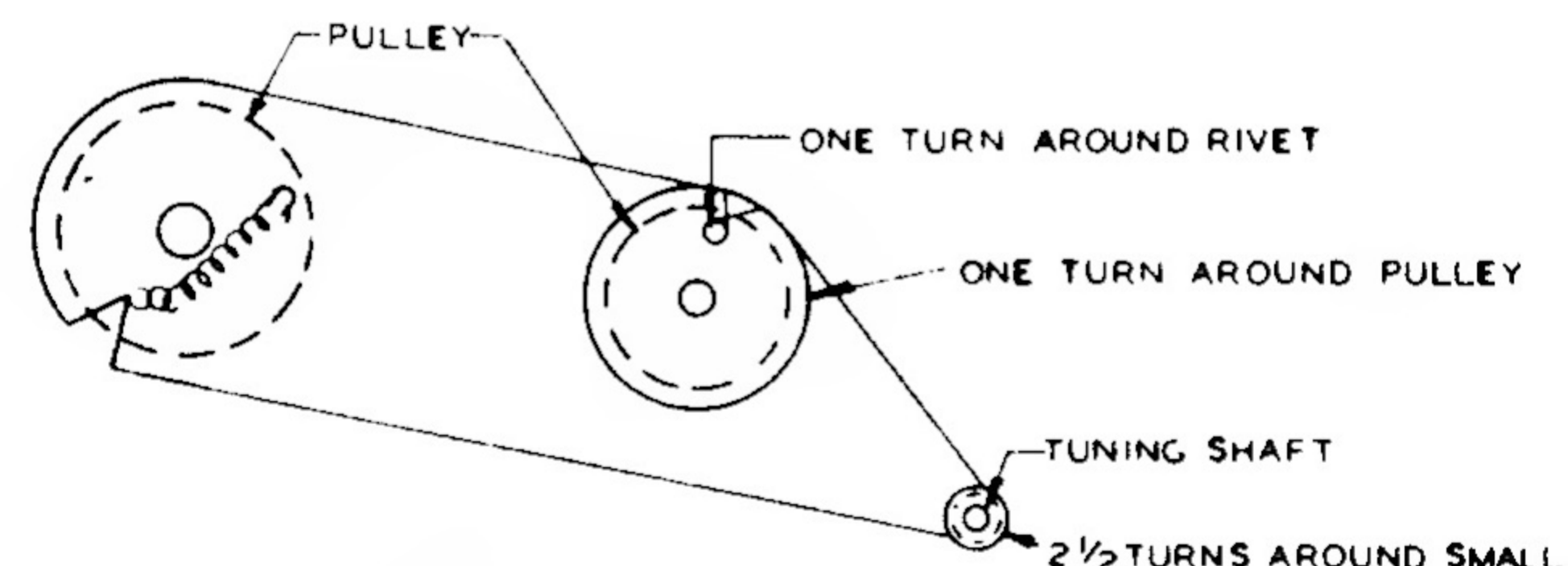
ALL RESISTORS ARE ±20% UNLESS OTHERWISE SPECIFIED

⊕ DENOTES CHASSIS

AMP MOD. I.F. FREQUENCY 455 KC
FREQ. MOD. I.F. FREQUENCY 10.7 MC

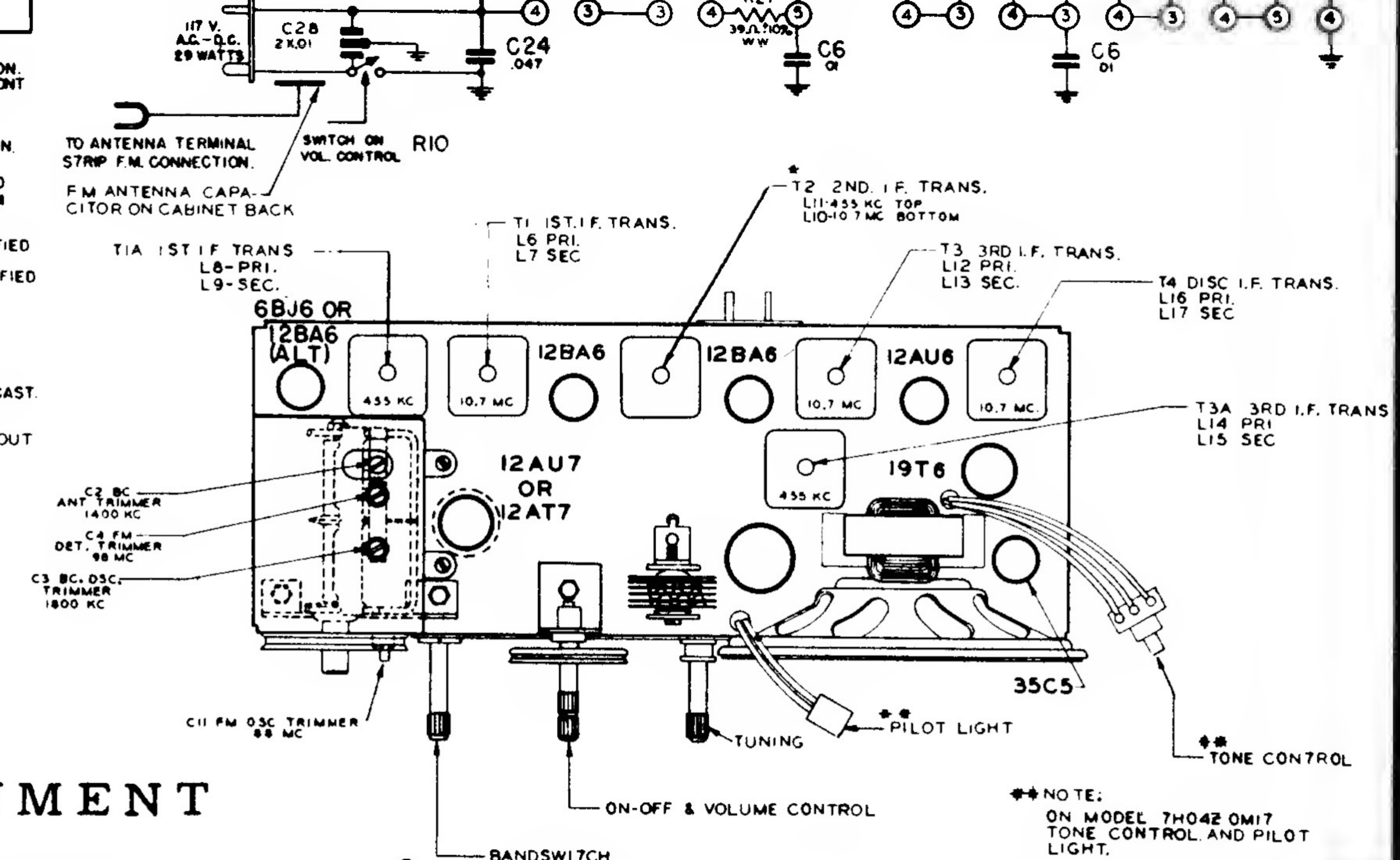
TUNING RANGES 540 - 1620 KC. STANDARD BROADCAST
88 - 108 MC. FREQUENCY MOD.

*12AU7 USED ONLY WHEN INDICATED ON TUBE LAYOUT LABEL.



DIAL CORD DRIVE

ALIGNMENT



	Connect Oscillator to	Dummy Antenna	Input Signal Frequency	Band Dial	Adj. Trimmers	Purpose
1	Pin 2-12AT7 or 12AU7 Converter	.05 Mfd.	455 KC. Modulated	BC 600 Kc.	L8, 9, 11, 14, 15	Align I. F. channel for maximum output.
2	2 turns loosely cpld. to wavemagnet		1600 Kc. Modulated	BC1600 Kc.	C3	Set oscillator to dial scale.
3	2 turns loosely cpld. to wavemagnet		1400 Kc. Modulated	BC1400 Kc.	C2	Align antenna stage.
4(a)	Pin 1 (grid) on 12AU6 limiter.	.05 Mfd.	10.7 Mc. Unmodulated	FM 100	L16 coil slug	Align primary of discriminator for maximum reading.
5(b)	Pin 1 (grid) on 12AU6 limiter.	.05 Mfd.	10.7 Mc. Unmodulated	FM 100	L17 coil slug	Adjust secondary of discriminator for zero reading.
6(c)	Pin 1 (grid) on 12BA6 2nd IF.	.05 Mfd.	10.7 Mc. Unmodulated	FM 100	L12 and 13 Prim and Sec. of 3rd IF trans.	Align 3rd IF transformer for maximum reading.
7(c)	Pin 1 (grid) on 12BA6 1st IF.	.05 Mfd.	10.7 Mc. Unmodulated	FM 100	L10 Prim. of 2nd IF transformer.	Align 2nd IF transformer for maximum reading.
8(c)	Pin 2 (grid) on 12AT7 or 12AU7 converter tube socket.	.05 Mfd.	10.7 Mc. Unmodulated	FM 100	L6 and L7 Prim. and Sec. of 1st IF transformer.	Align 1st IF transformer for maximum reading.
9(c)	Antenna Post FM (Remove line ant.)	270 ohms	98 Mc. Unmodulated	FM 98 Mc.	C11 Osc. Coil.	Set Oscillator to dial scale.
10(c) (d)		270 ohms	98 Mc. Unmodulated	FM 98 Mc.	C4 Det. Coil.	Align det. stage to max. reading.

**NOTE: ON MODEL 7H04Z OMIT TONE CONTROL AND PILOT LIGHT.