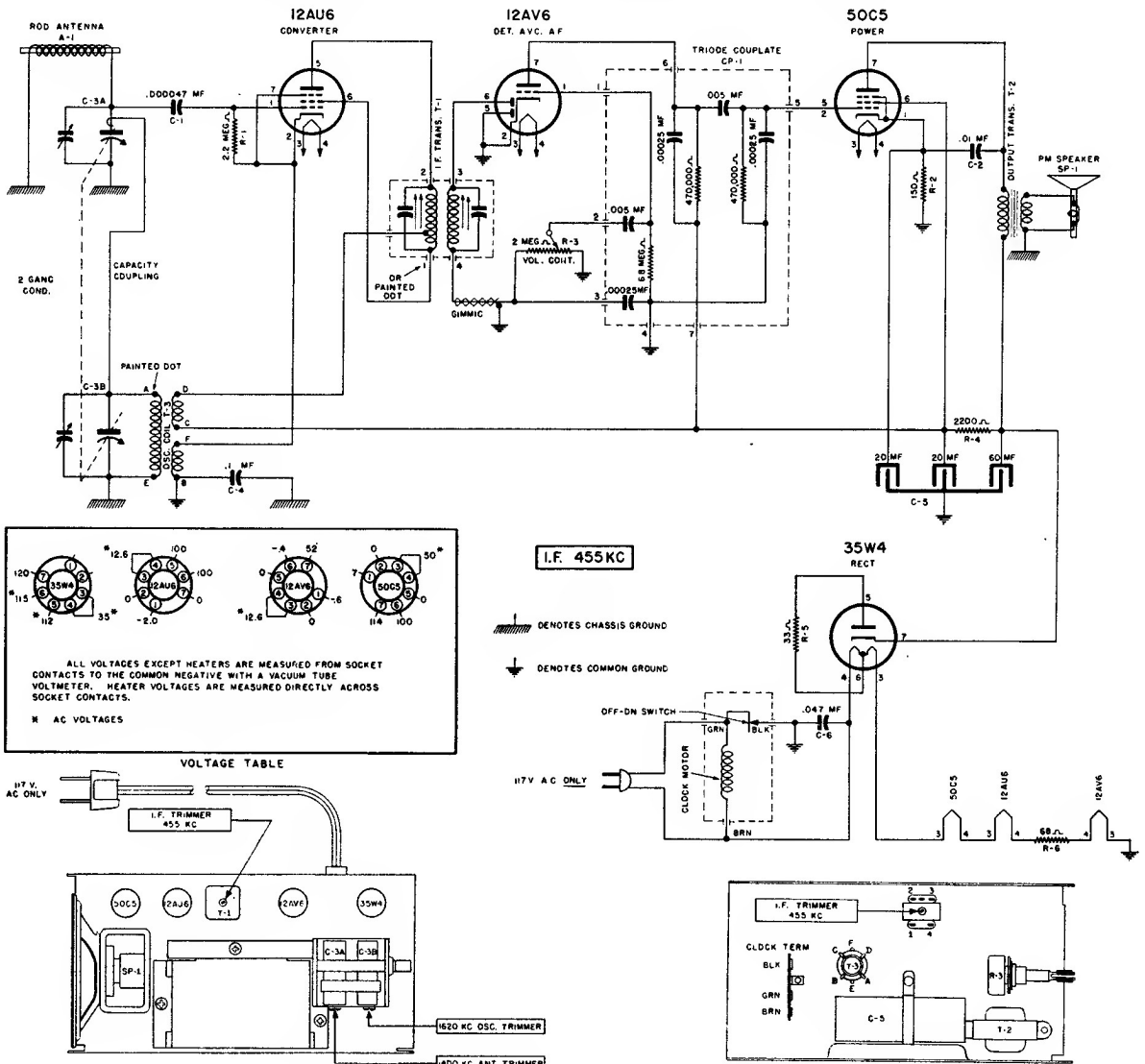


Sentinel

MODEL 1U-364



ALIGNMENT PROCEDURE

Use an accurately calibrated test oscillator with some type of output measuring device. When aligning the I.F. slugs use a non-metallic screwdriver.

(A) When aligning the 1620 KC OSCILLATOR TRIMMER or the 1400 KC ANTENNA TRIMMER, couple test oscillator to receiver antenna by: (1) make loop consisting of five to ten turns of NO. 20 to NO. 30 size wire, wound on a 2" to 3" form; (2) connect this loop across output of test oscillator; (3) place test oscillator loop near radio antenna.

Steps	Set receiver dial to:	TEST OSCILLATOR			Refer to parts layout diagram for location of trimmers mentioned below:
		Adjust test oscillator frequency to:	Use dummy antenna in series with output of test oscillator consisting of:	Attach output of test oscillator to:	
1	Any point where no interfering signal is received.	455 K.C.	.02 MFD. condenser	High side to antenna stator plates of tuning condenser. Low side to common negative.	Adjust each of the I.F. transformer slugs for maximum output.
2	Exactly 1620 K.C.	Exactly 1620 K.C.	See paragraph (A) above.	See paragraph (A) above.	Adjust 1620 K. C. oscillator trimmer for maximum output.
3	Approx. 1400 K.C.	Approx. 1400 K.C.	See paragraph (A) above.	See paragraph (A) above.	Adjust 1400 K. C. antenna trimmer for maximum output.