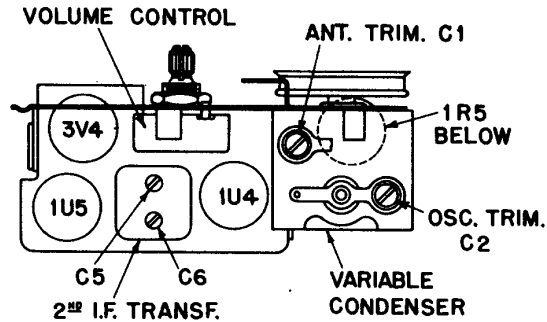
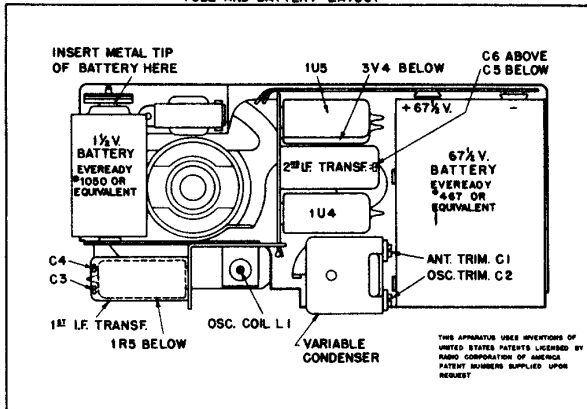


# OLYMPIC RADIO & TELEVISION INC.

## MODEL 489

TUBE AND BATTERY LAYOUT



or alignment, the following equipment is required: A.M. modulated .F. signal generator, VTVM or output meter, insulated screw driver, adiation loop (one turn of about 6" or 8" of #12 or #14 wire connected across the output of the signal generator and placed parallel o receiver loop about 8" away), one 0.1 mfd. 400 v. condenser.

efore aligning, close the variable condenser fully counterclockwise plates fully closed) and check pointer position. Follow sequence n alignment procedure chart below.

ALIGNMENT PROCEDURE CHART

STEP	CONNECT HIGH SIDE OF SIGNAL GENERATOR TO-	SET SIGNAL GENERATOR TO-	SET POINTER TO-	ADJUST THE FOLLOWING FOR MAXIMUM OUTPUT. (KEEP SIGNAL FROM SIGNAL GENERATOR AS LOW AS POSSIBLE.)
1	R. F. SECTION OF VARIABLE CONDENSER IN SERIES WITH A .1 MFD. 400 VOLT CONDENSER.	455 KC.	EXTREME RIGHT HAND POSITION (CONDENSER PLATES FULLY OPEN.)	C6, C5, C4, C3 AND REPEAT IN SAME ORDER (1st AND 2nd I.F. TRANSFORMERS)
2	USE RADIATED SIGNAL	1600 KC.	1600 KC. (160 ON DIAL)	C2 (OSCILLATOR TRIMMER)
3	(CONNECT BOTH SIDES OF SIGNAL GENERATOR TO RADIATION LOOP)	1400 KC.	MAXIMUM SIGNAL (APPROX. 140 ON DIAL)	C1 (ANTENNA TRIMMER)
4		600 KC.	MAXIMUM SIGNAL (APPROX. 60 ON DIAL)	ADJUST L1 ROCK VARIABLE FOR MAXIMUM SIGNAL.
5	REPEAT STEPS 2, 3 & 4 AT LEAST TWICE TO INSURE MAXIMUM SENSITIVITY & PROPER DIAL TRACKING.			

