

RADIO DATA SHEET 345

ADMIRAL MODEL 6RT44-7B1



FEATURES:

Automatic Record Changer

7-Tube Receiver

2-6SK7

6SA7

2-6SQ7

6V6

5Y3

Aeroscope Antenna

Two Tuning Bands

535 to 1600 kilocycles

9 to 12.5 Mc. (25 and 31 meter short-wave band)

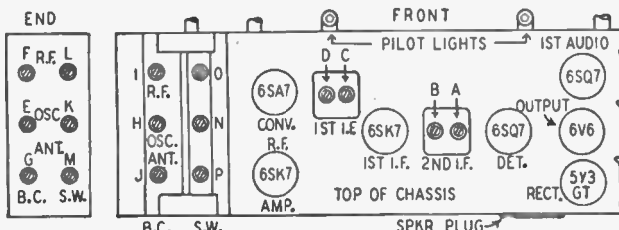
Cabinet

20 inches wide, 12 $\frac{3}{4}$ inches high, 18 $\frac{5}{8}$ inches deep

ALIGNMENT PROCEDURE

1. Loop must be aligned during alignment. Check the set screws that hold the tuning drum to the shaft to see that they are tight and that the drum has not slipped on the shaft. The correct position of the drum can be seen on the manufacturer's stringing diagram.
2. In the closed position the stop on the rear of the dial drum must be against the stop post.
3. With the gang wide open, all slugs should be $\frac{1}{8}$ inches out of their coil forms. If there is any serious deviation or if there has been any tampering, turn the adjusting screws until this distance is correct.
4. Be sure both the set and the signal generator are thoroughly warmed up before starting alignment.
5. Turn receiver Volume Control full on.
6. Use lowest output setting of signal generator that gives a satisfactory reading on meter.
7. Proceed in sequence as outlined below.

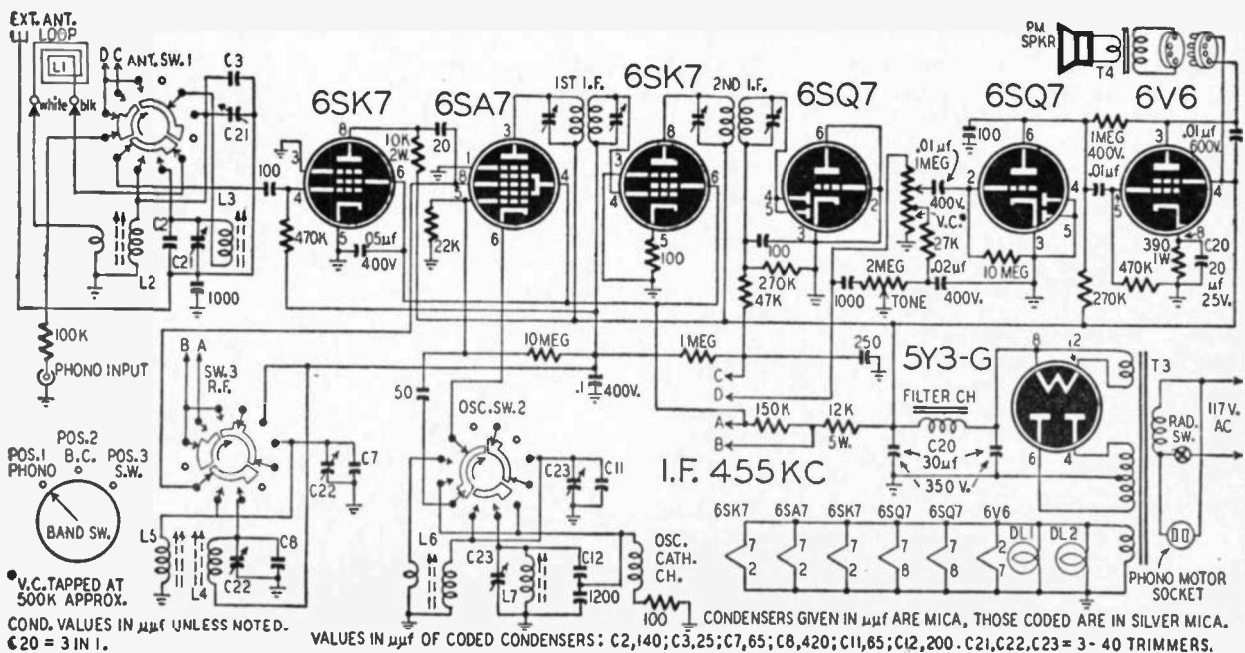
Step	Connect Signal Generator To	Dummy Antenna Between Radio and Signal Generator	Signal Generator Frequency	Tuning Gang Setting	Adj. Trimmers in Following Order to Max.
1	Set Band Change Switch to Broadcast 6SA7 Pin No. 8	0.1 Mf	455 kc	Set Pointer to Upper Limit	A, B, C, D
2	Before proceeding to step 3 check pointer travel as outlined in manufacturer's data under "Pointer Adjustment."				
3	Black Loop Lead	20 MMf If not available wrap several turns of generator lead around the black loop lead.	1605 kc	Set Pointer to Upper Limit	E, F, G
4	Black Loop Lead		1300 kc	Set Pointer to 1300 mark on Slide Rail	H, I, J
5	Set Band Change Switch to Short Wave Position.				
6	Black Loop Lead	400 ohms	12.5 mc	Set Pointer to Upper Limit	K, L, M
7	Black Loop Lead	400 ohms	12.0 mc	Set Pointer to 1300 mark on Slide Rail	N, O, P



TUBE AND TRIMMER LAYOUTS

REPLACING TUNING SLUG

If it becomes necessary to change a tuning slug proceed in the following manner: Set the gang to its wide open position, unsolder and remove the old slug. Set the slug adjusting screw about half way down. Place the new slug in such a position that $\frac{1}{8}$ inches of its length is above the coil form. Solder it in this position, making sure that it does not slip during the operation and that the slug wire is straight. Proceed to realign the set as shown in the chart.



V.C. TAPPED AT 500K APPROX.
COND. VALUES IN μmf UNLESS NOTED.
C20 = 3 IN 1.

VALUES IN μmf OF CODED CONDENSERS: C2, 140; C3, 25; C7, 65; C8, 420; C11, 65; C12, 200. C21, C22, C23 = 3-40 TRIMMERS.