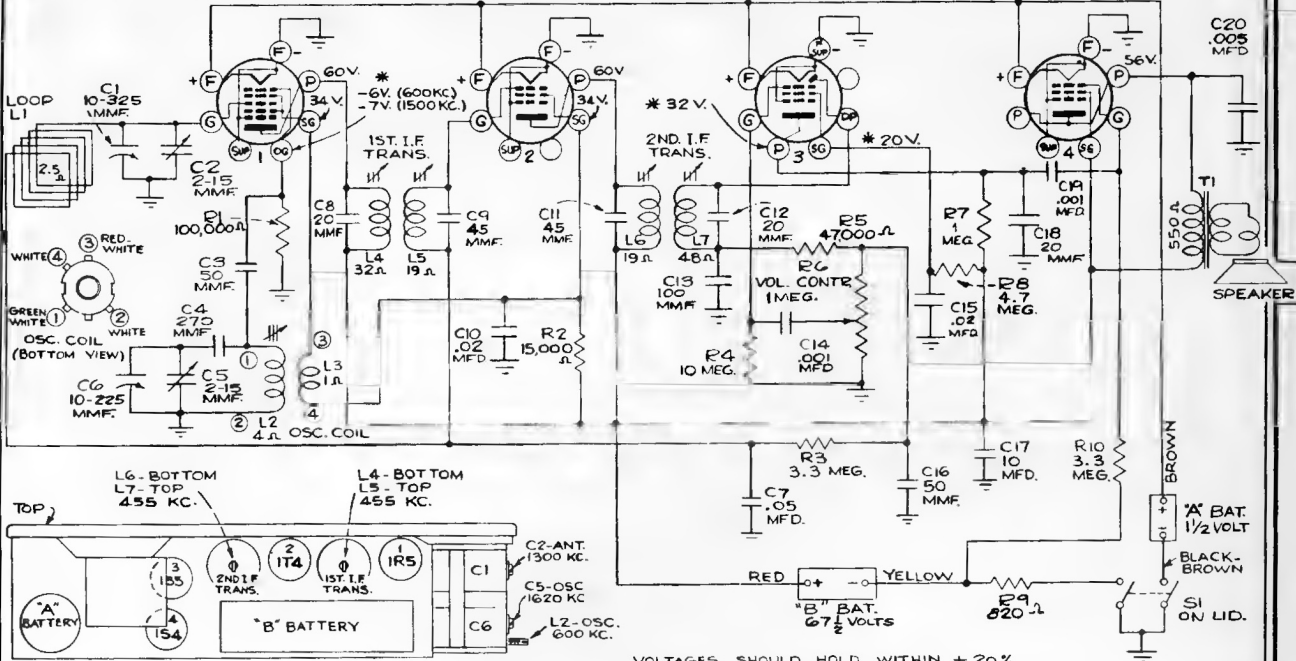


1R5
CONV.

1T4
I.F.

1S5
2ND DET, AF, AVC.

1S4
OUTPUT



VOLTAGES SHOULD HOLD WITHIN $\pm 20\%$
WITH RATED BATTERY VOLTAGE.
* MEASURED WITH CHANALYST OR VOLTOHMYST.

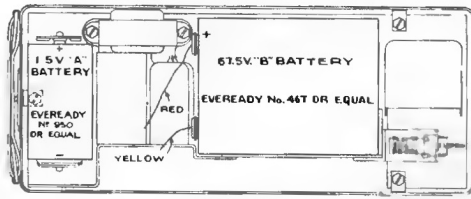
RCA Victor

MODEL BP-10 PERSONAL RADIO

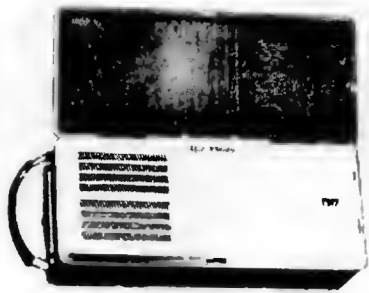
Alignment Procedure

Output Meter Alignment.—If this method is used, connect the meter across the voice coil, and turn the receiver volume control to maximum.

Test-Oscillator.—For all alignment operations, keep the output as low as possible to avoid a-v-c action.



Steps	Connect the high side of test-osc. to—	Tune test-osc. to—	Turn radio dial to—	Adjust the following for max. peak output—
1	Tuning condenser stator (ant.) in series with .01 mfd.	455 kc	Quiet point at 1,600 kc end of dial	L7, L6, L5, L4 (2nd and 1st I-F transformers)
2	Radiated signal 1,620 kc	1,620 kc	Full clockwise (out of mesh)	C5 (oscillator)
3	Radiated signal 1,300 kc	1,300 kc	1,300 kc	C2 (antenna)
4	Radiated signal 600 kc	600 kc	600 kc	L2 (osc.)
5	Repeat steps 2, 3 and 4.			



POWER SUPPLY		
Type Battery	Current Consumption	Approximate Life (Intermittent Duty)
"A"—1.5 volt Eveready No. 950	0.25 amperes	3.5 hours
"B"—67.5 volts Eveready No. 46T		
8.5 milliamperes		
25-40 hours		

POWER OUTPUT	
Undistorted.....	0.05 watts
Maximum.....	0.12 watts