REPLACEMENT OF BATTERY PACK

Replace A-B battery pack with Ensign type AB50 pack, Ray-O-Vac AB994, General 60A-6F6-5, Burgess F6A60 or other equivalent.

Electrical characteristics of the recommended battery packs provide for equal life for both the A and B sections. The A section may give satisfactory performance as low as 6.6 volts, the B section as low as 60 volts. Replace battery pack when reception is weak and voltage has dropped below values given above.

To install a replacement battery pack, merely open the back of the cabinet, pull out the battery plug and slide out the run-down battery pack.

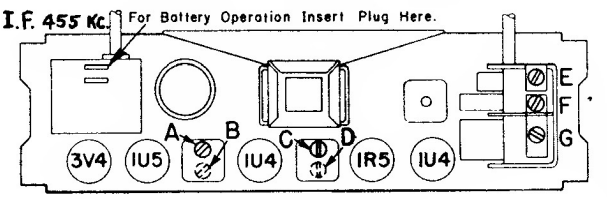
Slip a new battery pack into place, plug in the battery plug.

- Voltage readings taken between tube socket terminals and B minus (metal shell of electrolytic condenser), unless otherwise shown.
- Dial set to low frequency, no signal, and volume control minimum.
- Measurements made from 117 volts AC line. If measured from DC line, voltages may be slightly lower.
- Voltage readings taken with a vacuum tube voltmeter. Socket terminals marked with an asterisk * indicate much lower voltage or zero voltage if measured with a 1000 ohm-per-volt meter.
- If measurements are made on battery operation, tube filament and B plus voltages will vary with the condition of the batteries. These voltages will equal the terminal voltage of the A or B battery less the voltage drop through components.

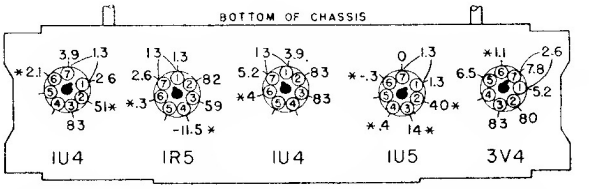
Admiral

CHASSIS **6Y1**
MODEL **6Y18, 6Y19**

TUBE AND TRIMMER LOCATION



VOLTAGE DATA



*If taken with a 1000 ohm-per-volt meter, readings will be lower or zero.

RESISTORS

Symbol	Description	Part No.
R1	2.2 Megohms, ½ Watt	60B 8-225
R2	27,000 Ohms, ½ Watt	60B 8-273
R3	1 Megohm, ½ Watt	60B 8-105
R4	100,000 Ohms, ½ Watt	60B 8-104
R5	8,200 Ohms, ½ Watt	60B 8-822
R6	3.3 Megohms, ½ Watt	60B 8-335
R7	10 Megohms, ½ Watt	60B 8-106
R8	1 Megohm, Volume Control and On-Off Switch	75B 1-26
R9	4.7 Megohms, ½ Watt	60B 8-475
R10	470,000 Ohms, ½ Watt	60B 8-474
R11	2.2 Megohms, ½ Watt	60B 8-225
R12	5.6 Megohms, ½ Watt	60B 8-565
R13	47 Ohms, 1 Watt	60B 14-470
R14	2,700 Ohms, 1 Watt	60B 14-272
R15	2,400 Ohms, 2.5 Watt Center-tapped Candohm	61A 5-3
R16	1,500 Ohms, ½ Watt	60B 8-152
R17	820 Ohms, ½ Watt	60B 8-821
R18	220 Ohms, ½ Watt	60B 8-221
R19	150 Ohms, ½ Watt	60B 8-151

CONDENSERS

C1	250 mmfd., Ceramic	65B 6-5
C2a	Gang, 420.0 mmfd. (max.) Ant. Section	68B 10
C2b	Gang, 193.8 mmfd. (max.) RF Section	
C2c	Gang, 90.0 mmfd. (max.) Osc. Section	
C3	105 mmfd., Ceramic	65B 6-9
C4	250 mmfd., Ceramic	65B 6-5
C5	105 mmfd., Ceramic	65B 6-9
C6	.05 mfd., 200 Volts, Paper	64B 1-32
C7	.001 mfd. min., Ceramic	65B 6-41
C8	.005 mfd., 600 Volts, Paper	64B 1-12
C9	.05 mfd., 200 Volts, Paper	64B 1-32
C10	105 mmfd., Ceramic	65B 6-9
C11	.005 mfd., 600 Volts, Paper	64B 1-12
C12	.001 mfd. min., Ceramic	65B 6-41
C13	250 mmfd., Ceramic	65B 6-5
C14a	30 mfd., 150 Volts	67C 7-52
C14b	40 mfd. 150 Volts Elect.	
C14c	20 mfd., 150 Volts	
C15	.18 mfd., 200 Volts, Paper	64A 2-2
	Note: In sets with model numbers ending in "UL", C15 is .1 mfd., 400 V.	
C16	.05 mfd. 400 Volts, Paper	64B 1-22
C17	100 mfd., 25 Volts, Elect.	67A 4-6
C18	.25 mfd., 200 Volts, Paper	64B 1-28
C19	15 mmfd., 500 Volts, Ceramic	65B 6-18

COILS, TRANSFORMERS, ETC.

L1	Antenna, Loop	(Part of Cabinet)
L2	Coil, RF	69B 58
L3	Coil, Oscillator	69A 57
L4	Coil, Antenna Loading	69A 45-1
T1	Transformer, 1st IF	72B 55
T2	Transformer, 2nd IF	72B 56
T3	Transformer, Output	98A 21
M1	Speaker (4"x6" PM) and Output Transformer	78B 38-1
M2	Rectifier, Selenium	93A 1-4
SW1	Switch, Power Change DPDT, for "N" models	77A 19-2
	4PDT, for "UL" models	77A 19-1
SW2	Switch, On-Off (DPST)	(Part of R8)