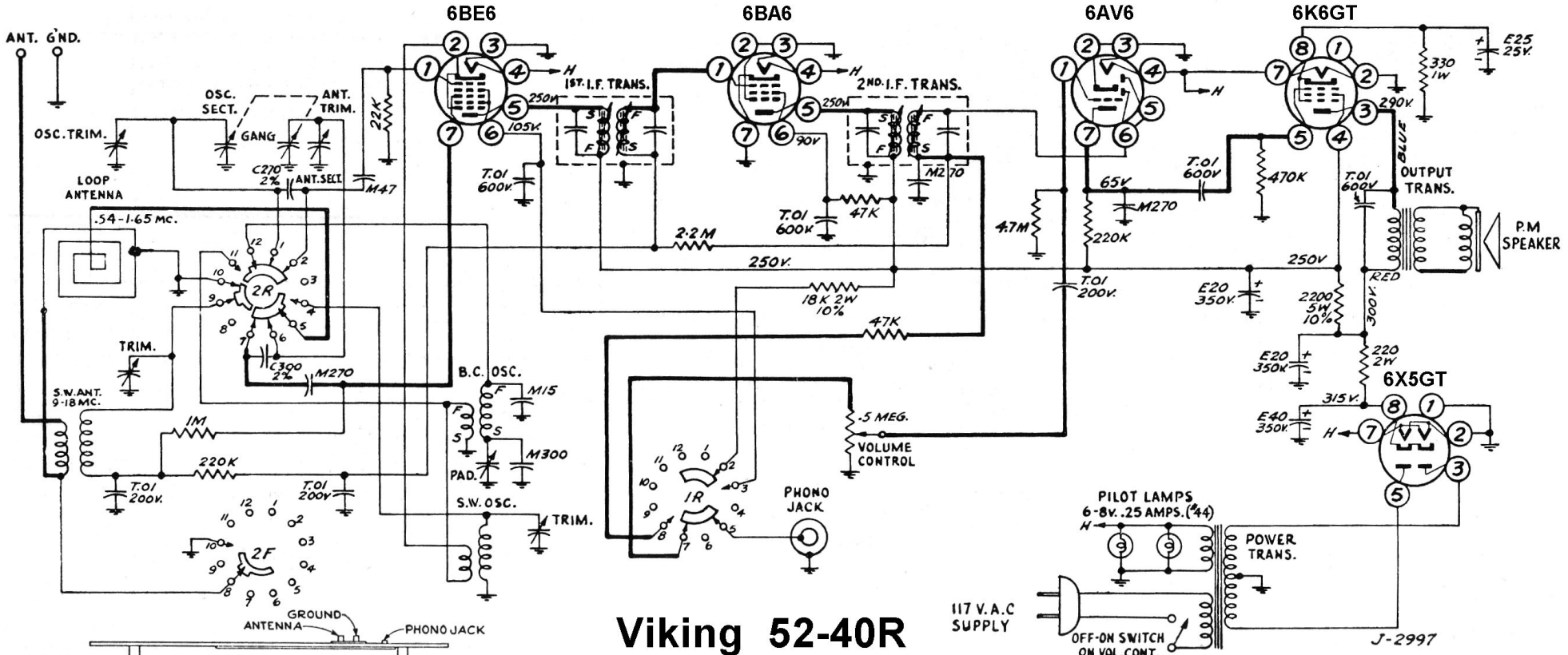
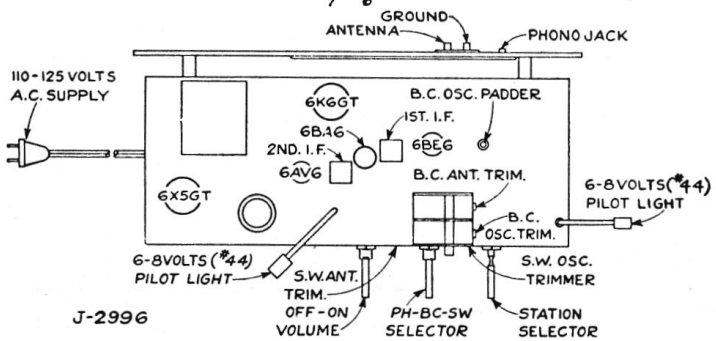
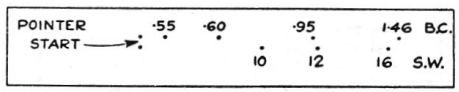
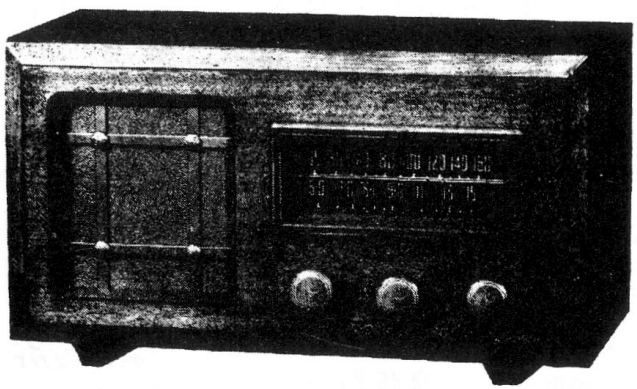
Viking 52-40R





CALIBRATION POINTS ON BACKING PLATE IN MEGACYCLES





ALL VOLTAGES ±10% MEASURED TO CHASSIS WITH 20,000 OHM/VOLT METER, 117 V. LINE. RADIO-PHONO SWITCH SHOWN IN PHONO POSITION.

COMPONENT VALUES

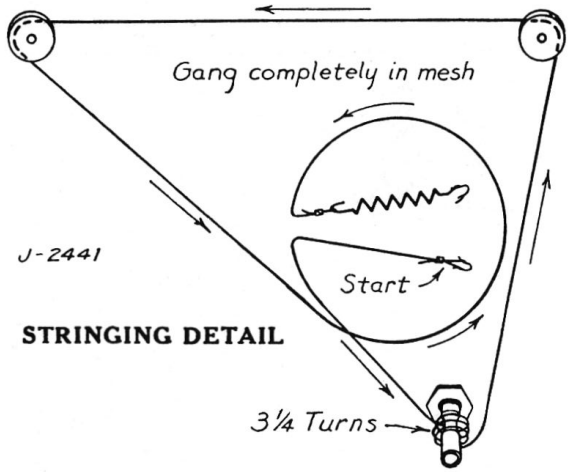
RESISTORS: HALF WATT UNLESS OTHERWISE NOTED.
20% TOLERANCE UNLESS OTHERWISE NOTED.
K = 1000 OHMS.
M = 1000,000 OHMS.

CONDENSERS: T = TUBULAR, FOLLOWED BY CAP. IN MFD. AND D.C.W.V.
E = ELECTROLYTIC, FOLLOWED BY CAP. IN MFD. & D.C.W.V.
C = CERAMIC, FOLLOWED BY CAP. IN MMFD. & TOL. IF CRITICAL.
M = MICA, FOLLOWED BY CAP. IN MMFD. & TOL. IF CRITICAL.

ALIGNMENT AND SENSITIVITY

SIGNAL GENERATOR MODULATED 30% AT 400 C.P.S.

APPLY SIGNAL AT KC.	APPLY SIGNAL TO	THRU SERIES DUMMY	SET GANG AT	ADJUST FOR MAXIMUM OUTPUT	NOMINAL SENSITIVITY FOR 500 MILLIWATTS OUTPUT
455	6BA6 #1 PIN	.05 mfd.		2ND. I.F IRON CORES	3000 MICROVOLTS.
455	6BE6 #7 PIN	.05 mfd	1460	1ST. I.F 2ND. I.F	100
1460	ANT.	400Ω	1460	TWO GANG TRIMMERS	20
600	ANT.	400Ω	600	B.C. OSC. PADDER	20
16MC.	ANT.	400Ω	16MC	S.W. OSC. & ANT. TRIM	40
10MC.	ANT.	400Ω	10MC.	CHECK POINT	40



STRINGING DETAIL

SPECIFICATIONS

Standard Broadcast Range	540 Kc. - 1650 Kc.
Short Wave Range	9 Mc. - 18 Mc.
Intermediate Frequency	455 Kc.
Power Consumption	50 Watts
Undistorted Output	3 Watts
Maximum Power Output	5 Watts