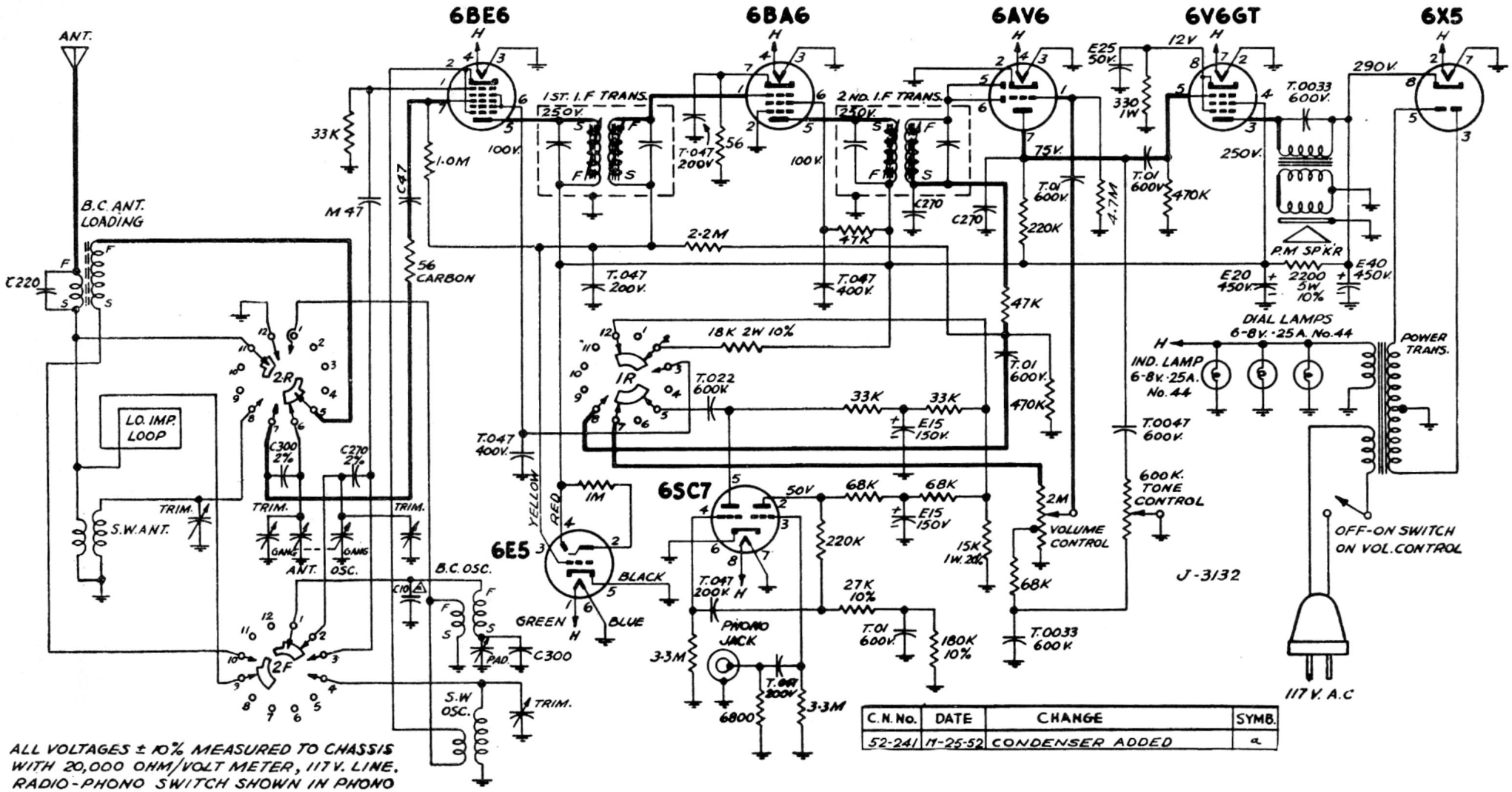


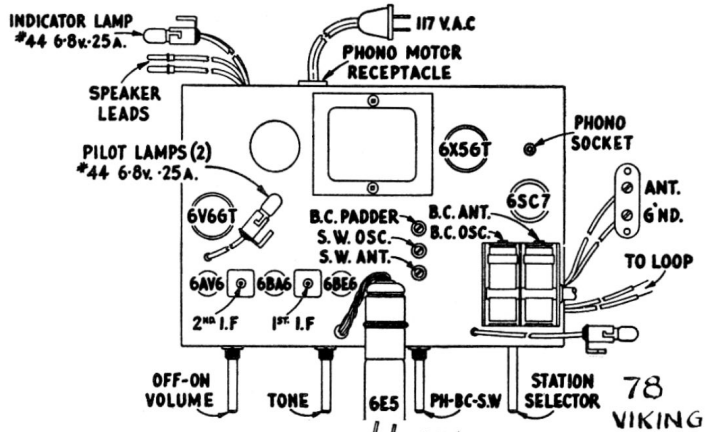
C.N. No.	DATE	CHANGE	SYMB.
52-241	11-25-52	CONDENSER ADDED	a

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

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.

VIKING MODELS 52-118, 53-124, 54-135 ELECTROHOME MODEL 78



CHASSIS LAYOUT CHART

SPECIFICATIONS

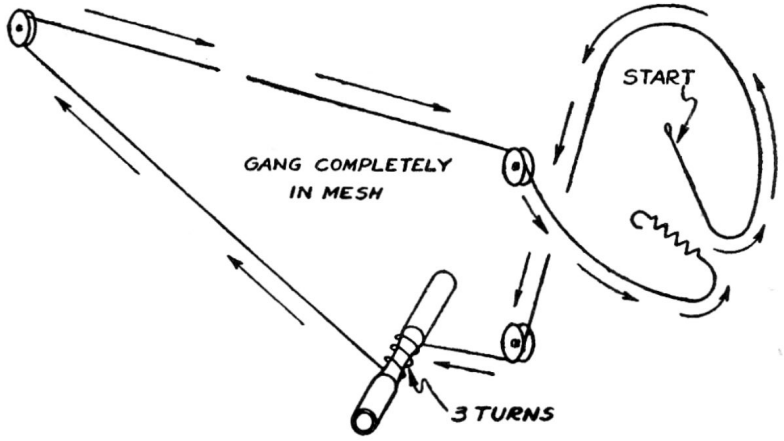
Standard Broadcast Range	535 Kc — 1650 Kc
Short Wave Range	9.0 Mc. - 18.0 Mc.
Intermediate Frequency	455 KC.
Power Consumption (Radio Only)	46 Watts
Power Consumption (Radio and Phono)	60 Watts
Undistorted Output	2.5 Watts
Maximum Power Output	5.0 Watts

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 μfd.		2ND. I.F IRON CORES	2800 MICROVOLTS
455	6BE6 #7 PIN	.05 μfd.	1460	1ST. I.F 2ND. I.F	70
1460	ANT.	*	1460	TWO GANG TRIMMERS	100 μv/M.
600	ANT.	*	600	B.C. OSC. PADDER.	140 μv/M.
16MC.	ANT.	400Ω	16MC.	S.W. OSC. & ANT. TRIM.	30
10MC.	ANT.	400Ω	10MC.	CHECK POINT	45

NOTE: 6E5 Tuning Eye Not Used on Model "78"

* FASHION LOOP CONSISTING OF SEVERAL TURNS OF WIRE AND RADIATE SIGNAL FROM GENERATOR TO LOOP OF RECEIVER, ADJUST TRIMMERS FOR MAX. OUTPUT.



STRINGING DETAIL