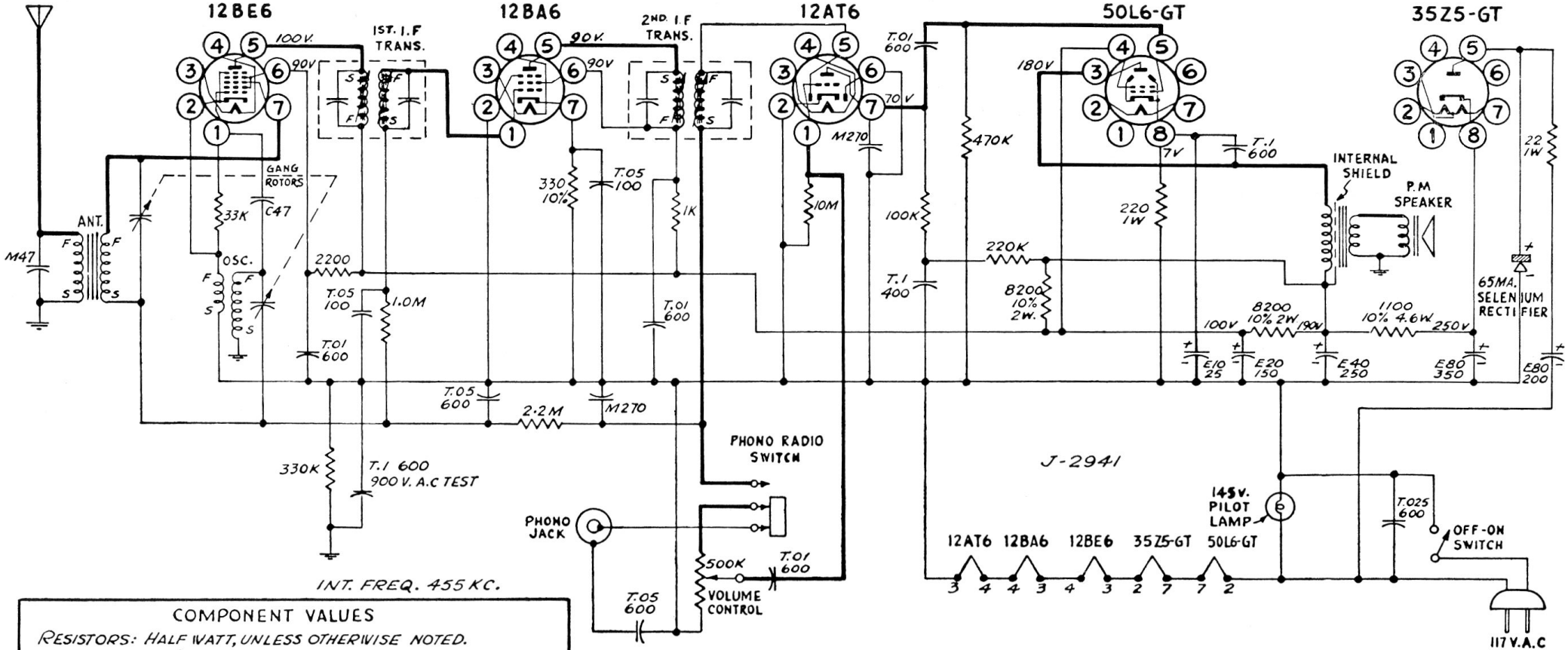


COMPONENT VALUES

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 CY.

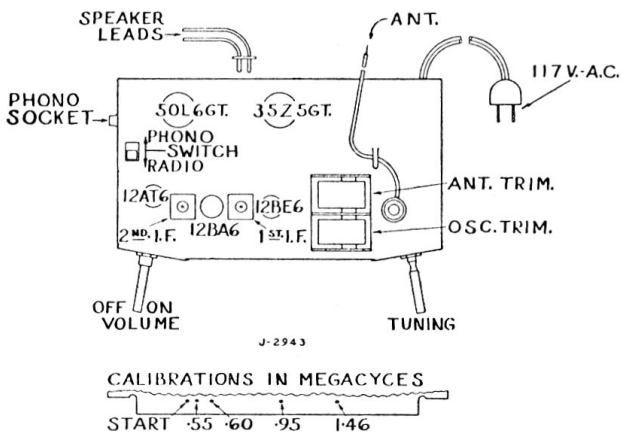
STEP	APPLY SIGNAL AT KC.	APPLY SIGNAL TO	THRU SERIES DUMMY	SET GANG AT	ADJUST FOR MAX. OUTPUT	NOMINAL SENSITIVITY FOR 500 MILLIWATTS OUTPUT
1	455	12BA6 #1 PIN	.05	MINIMUM CAPACITY	2ND I.F. TRANS.	2000 μv.
2	455	12BE6 #7 PIN	.05	MINIMUM CAPACITY	1ST. I.F. 2ND. I.F	55 μv.
3	1460	ANT.	200 μμfd.	1460	OSC. TRIM. ANT. TRIM.	12 μv.
4	600	ANT.	200 μμfd.	600	CHECK ONLY	12 μv.

SPECIFICATIONS

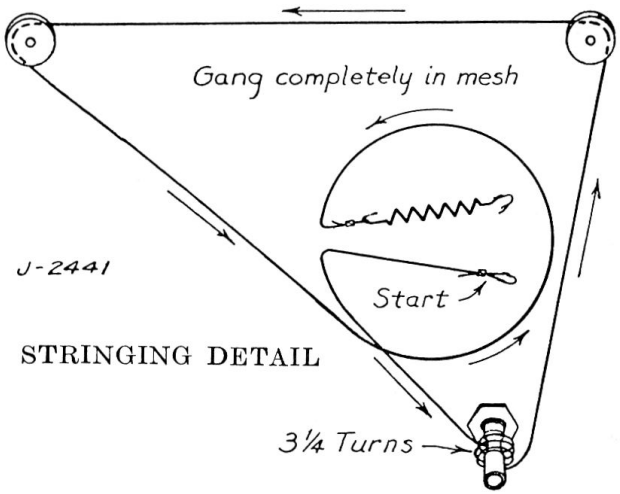
Standard Broadcast Range	535 KC. — 1650 KC.
Intermediate Frequency	455 KC.
Power Consumption	45 Watts
Undistorted Output	2.4 Watts
Maximum Power Output	3.7 Watts

Viking 51-45

ALL VOLTAGES ± 10% MEASURED TO B- WITH 20,000 OHMS/VOLT METER, 117 V. 60 CYCLE LINE AND ZERO SIGNAL INPUT.
RADIO PHONO SWITCH SHOWN IN PHONO POSITION.



CHASSIS LAYOUT CHART



STRINGING DETAIL