

VIKING 51-67

ALL VOLTAGES $\pm 10\%$ 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.

J-2985

COMPONENT VALUES

RESISTORS: HALF WATT, UNLESS OTHERWISE NOTED.
20% TOLERANCE, UNLESS OTHERWISE NOTED.

K = 1000 OHMS.

M = 1000,000 OHMS.

CONDENSERS: TUBULAR, FOLLOWED BY CAP IN MED. AND D. C.I.V.

E-ELECTROLYTIC, FOLLOWED BY CAP IN MED & D. C.I.V.

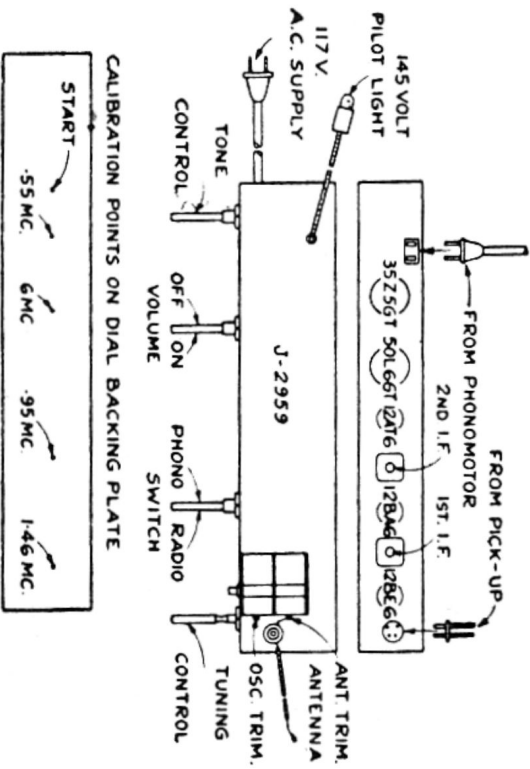
C=CERAMIC, FOLLOWED BY CAP IN MED & TOL. I.F. CRITICAL.

M=MICA, FOLLOWED BY CAP IN MED & TOL. I.F. CRITICAL.

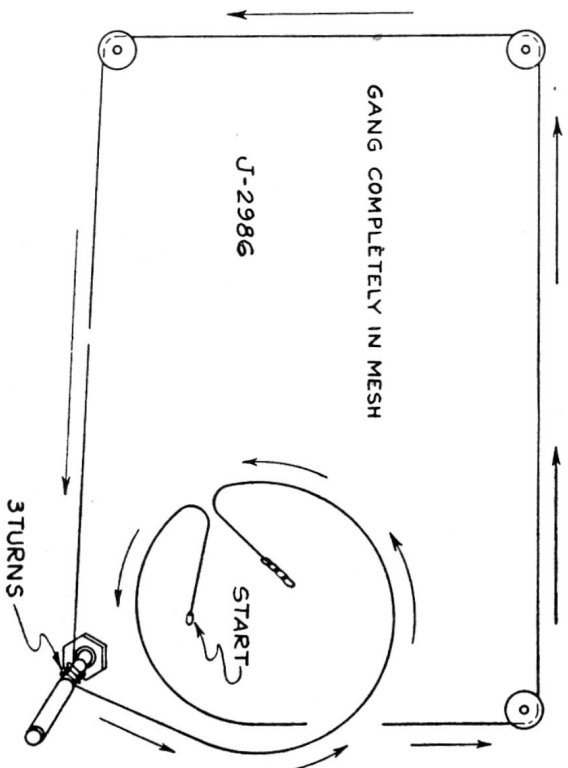
ALIGNMENT AND SENSITIVITY

SIGNAL GENERATOR MODULATED 30% AT 400 CY.

STEP	APPLY SIGNAL AT K.C.	THRU SERIES DUMMY	SET GANG AT	ADJUST FOR MAX. OUTPUT	NOMINAL SENSITIVITY FOR 500 MILLIWATTS OUTPUT
1	455	12BAG #1 PIN	MINIMUM CAPACITY	2ND. I.F. TRANS.	2000 μ V
2	455	12BEG #7 PIN	.05	1ST. I.F. 2ND. I.F.	55 μ V
3	1460	ANT	200 μ Fd	OSC. TRIM. ANT. TRIM.	12 μ V
4	600	ANT	200 μ Fd	CHECK ONLY	12 μ V



CHASSIS LAYOUT CHART



STRINGING DETAIL

SPECIFICATIONS

Standard Broadcast Range	535 Kc — 1650 Kc
Intermediate Frequency	455 Kc.
Power Consumption (Radio Only)	45 Watts
Power Consumption (Radio and Phono)	60 Watts
Undistorted Output	2.4 Watts
Maximum Power Output	3.7 Watts