

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

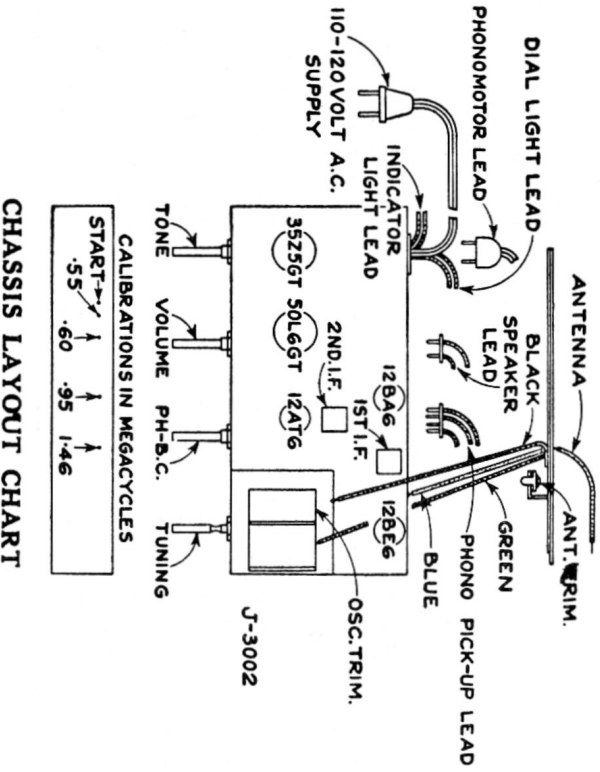
VIKING 52-113, 52-115

COMPONENT VALUES

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

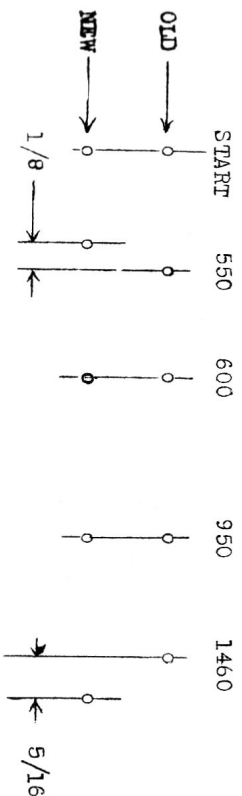
M = 1000,000 OHMS.
CONDENSERS = TUBULAR, FOLLOWED BY CAP IN MFD. AND D.C.W.V.
E = ELECTROLYTIC, FOLLOWED BY CAP IN MFD. & TOLL IF CRITICAL
C = CERAMIC, FOLLOWED BY CAP IN MFD. & TOLL IF CRITICAL
M = MICA, FOLLOWED BY CAP IN MFD. & TOLL IF CRITICAL

ALIGNMENT AND SENSITIVITY				SIGNAL GENERATOR MODULATED 30% AT 400 CY.	
STEP	APPLY AT KC.	SIGNAL TO DUMMY	THRU SERIES SET GANG AT	ADJUST FOR MAX. OUTPUT	NOMINAL SENSITIVITY FOR 500 MILLIWATTS OUTPUT
1	455	12B4G #1 PIN	.05	2ND. I. F. CAPACITY TRANS.	2000 μV
2	455	12BE6 #7 PIN	.05	MINIMUM CAPACITY	55 μV
3	1460	ANT.	400-Ω	OSC. TRIM. ANT. TRIM.	12 μV
4	600	ANT.	400-Ω	CHECK ONLY	30 μV



SERVICEMEN PLEASE NOTE

550 AND 1460 CALIBRATION POINTS AS STAMPED INTO BACKING PLATE (OLD) SHOULD NOT BE USED FOR ALIGNMENT.
SEE BELOW FOR LOCATION OF NEW 550 AND 1460 ALIGNMENT POINTS.



SPECIFICATIONS

Standard Broadcast Range 540 Kc — 1600 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

