

# VIKING 51-106

ALL VOLTAGES 10% MEASURED TO CHASSIS WITH 20,000 OHM/VOLT METER AT IITK. LINE. SELECTOR SWITCH SHOWN IN PHONO POSITION.

J-2860

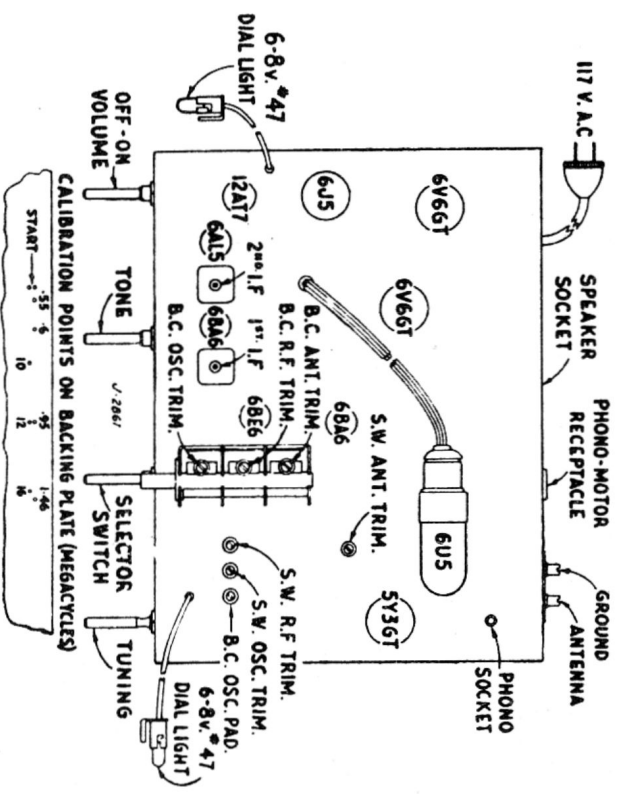
ALIGNMENT AND SENSITIVITY			
SIGNAL GENERATOR		MODULATED 30% AT 400 C.P.S.	
APPLY SIGNAL AT K.C.	THRU SERIES DUMMY	SET GANG AT	ADJUST FOR MAX. OUTPUT
455	6846 I.F. #191N	.05 $\mu$ f/d	2ND I.F. IRON CORES
455	68E6 #791N	.05 $\mu$ f/d	1ST I.F. f
1460	68E6 #791N	.05 $\mu$ f/d	2ND I.F. f
1460	ANT.	200 $\mu$ f/d	B.C. ANT. f INTERSTAGE TRIM.
600	ANT.	200 $\mu$ f/d	600 K.C. PADDER
16 MC.	ANT.	400 $\Omega$ .	B.C. OSC. INTERSTAGE TRIM.
10 MC.	ANT.	400 $\Omega$ .	CHECK POINT

**COMPONENT VALUES**

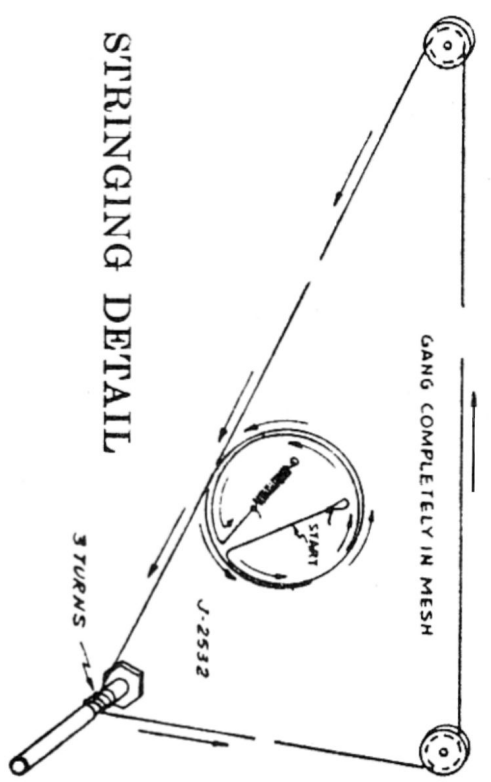
RESISTORS: HALF WATT UNLESS OTHERWISE NOTED.  
20% TOLERANCE UNLESS OTHERWISE NOTED.

K = 1000 OHMS.  
M = 1,000,000 OHMS.

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



CHASSIS LAYOUT CHART



**STRINGING DETAIL**

**SPECIFICATIONS**

- Standard Broadcast Range ..... 535 Kc. - 1650 Kc.
- Short Wave Range ..... 9.0Mc. - 18.0Mc
- Intermediate Frequency ..... 455 Kc.
- Power Consumption (Radio Only) ..... 85 Watts
- Power Consumption (Radio and Phono) ..... 100 Watts
- Undistorted Output ..... 6 Watts
- Maximum Power Output ..... 9 Watts

