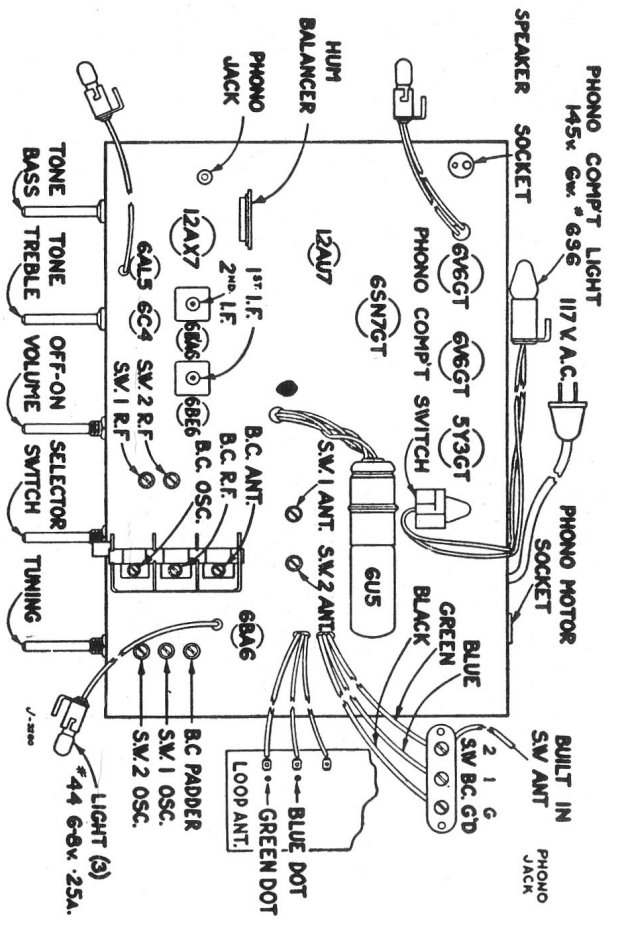


COMPONENT VALUES

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. & D.C. W.V.
C = CERAMIC, FOLLOWED BY CAP IN MMFD. & TOL. IF CRITICAL.
E = ELECTROLYTIC, FOLLOWED BY CAP IN MFD. & D.C. W.V.
M = MICA, FOLLOWED BY CAP IN MMFD. & TOL. IF CRITICAL.

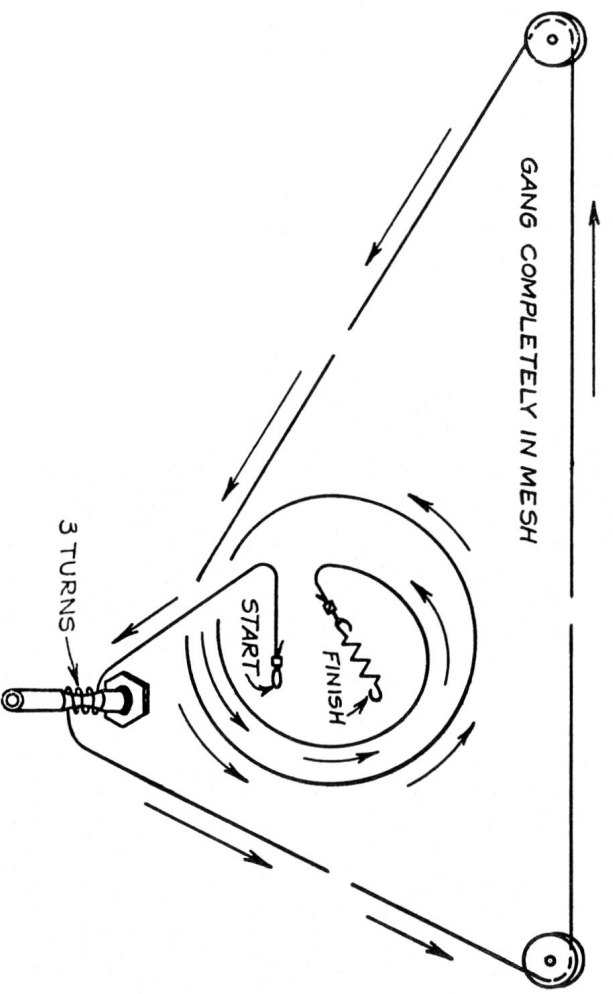


ALIGNMENT AND SENSITIVITY

SIGNAL GENERATOR MODULATED 30% AT 400 C.P.S.
TONE CONTROL SWITCHES IN NORMAL OR CENTER POSITION.

STEP	APPLY SIGNAL AT K.C.	THRU SERIES DUMMY	SET GANG AT	ADJUST FOR MAX OUTPUT	NOMINAL SENSITIVITY FOR 500 MILLIWATTS OUTPUT.
1	455	60A6 I.F. #1 PIN	.05	2ND I.F. IRON CORES	3250
2	455	6BE6 #7 PIN	.05	1st I.F. IRON CORES	75
3	1460	6BE6 #7 PIN	.05	B.C. ANT. OSC. TRIM.	-
4	1460	ANT.	*	B.C. ANT. 1/2 WAVELENGTH TRIMMERS	
5	600	ANT.	*	B.C. OSC. PADDER	
6	16 MC.	ANT.	400Ω	S.W. 2 OSC. INTERSTAGE ANT. TRIM.	10
7	10.5 MC.	ANT.	400Ω	S.W. 2 CHECK POINT	10
8	10 MC.	ANT.	400Ω	S.W. 1 OSC. INTERSTAGE ANT. TRIM	10
9	6 MC.	ANT.	400Ω	S.W. 1 CHECK POINT	10

* STEPS #4 & 5 : FASHION LOOP FROM SEVERAL TURNS OF WIRE & USE AS RADIATOR WHEN CONNECTED TO SIGNAL GENERATOR.



- Standard Broadcast Range.....540 Kc. - 1640 Kc.
- Short Wave Range SW1.....5.7-11.0 Mc.
- SW2.....10.0-18.0 Mc.
- Intermediate Frequency.....455 Kc.
- Power Consumption (Radio Only).....120 Watts
- Power Consumption (Radio and Phono) 132 Watts
- Undistorted Output......6 Watts
- Maximum Power Output......9 Watts

VIKING 54-137