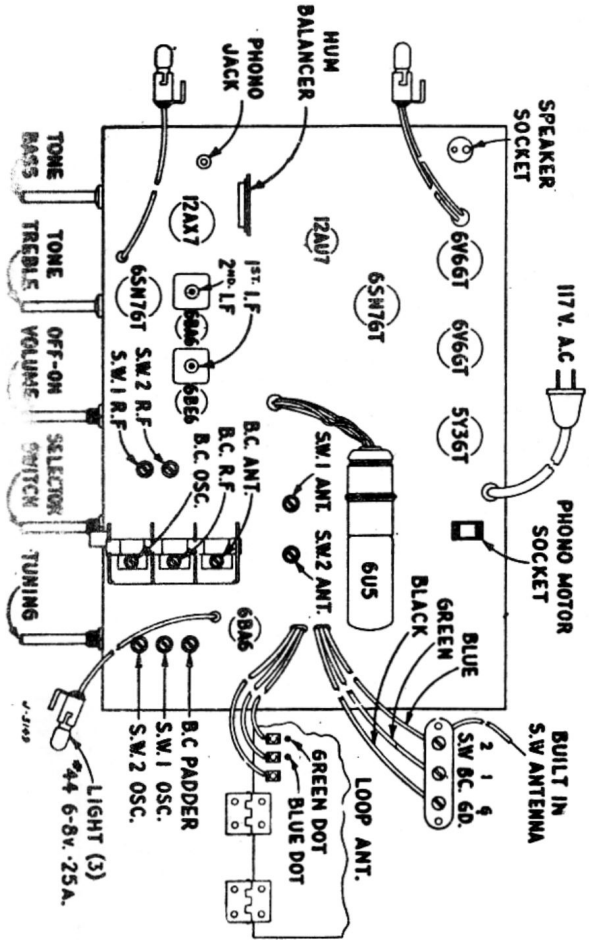


ALL VOLTAGES MEASURED TO GROUND WITH 20,000 OHM PER FOOT METER, ZERO SIGNAL OUTPUT.
BAND SWITCH SHOWN IN PHONO POSITION.
TONE CONTROL SWITCH SHOWN IN NORMAL OR CENTRE POSITION.

COMPONENT VALUES
RESISTORS: HALF WATT UNLESS OTHERWISE NOTED.
20% TOLERANCE UNLESS OTHERWISE NOTED.
M = 1000,000 OHMS.
K = 1000 OHMS.
CONDENSERS: T = TUBULAR, FOLLOWED BY CAP IN MFD. & D.C. W.V.
C = CERAMIC, FOLLOWED BY CAP IN MFD. & D.C. W.V.
E = ELECTROLYTIC, FOLLOWED BY CAP IN MFD. & D.C. W.V.
M = MICHA, FOLLOWED BY CAP IN MFD. & D.C. W.V. IF CRITICAL.

V-3148
VIKING 53-122
VIKING 54-140

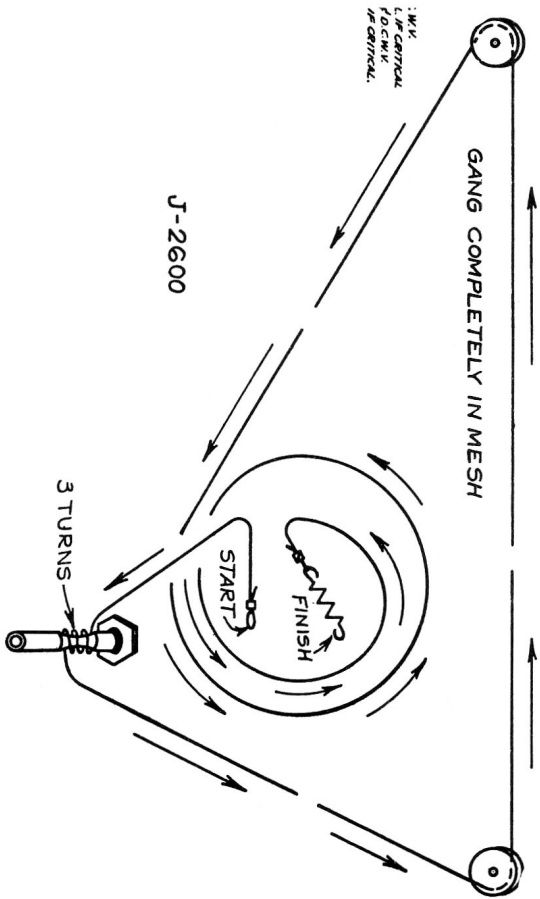


SPECIFICATIONS

- 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

ALIGNMENT AND SENSITIVITY						
SIGNAL GENERATOR MODULATED 30% AT 400 C. P.S.						
TONE CONTROL SWITCHES IN NORMAL OR CENTER POSITION.						
STEP	APPLY SIGNAL AT KC.	SIGNAL TO	TUNING SERIES DUMMY	SET GANG AT	ADJUST FOR MAX. OUTPUT	NOMINAL SENSITIVITY PER 500 MILLIWATTS OUTPUT
1	455	6S77 I.F. #1 PIN	.05		2ND. I.F. ADJ. CORES	3250
2	455	6B6 #7 PIN	.05	MIN. CAP.	I.F. 2 I.F. ADJ. CORES	75
3	1460	6B6 #7 PIN	.05	1460 KC.	B.C. OSC. TRIM.	-
4	1460	ANT.	*	1460 KC.	B.C. ANT. & INTERSTAGE TUNING	
5	600	ANT.	*	600 KC.	B.C. OSC. PADDER	
6	400 MC.	ANT.	400 Ω.	16 MC.	S.W. 2 OSC. INTERSTAGE ANT. TRIM.	10
7	10.5 MC.	ANT.	400 Ω.	10.5 MC.	S.W. 2 CHECK POINT	10
8	10 MC.	ANT.	400 Ω.	10 MC.	S.W. 1 OSC. INTERSTAGE ANT. TRIM.	10
9	6 MC.	ANT.	400 Ω.	6 MC.	S.W. 1 CHECK POINT	10

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



J-2600