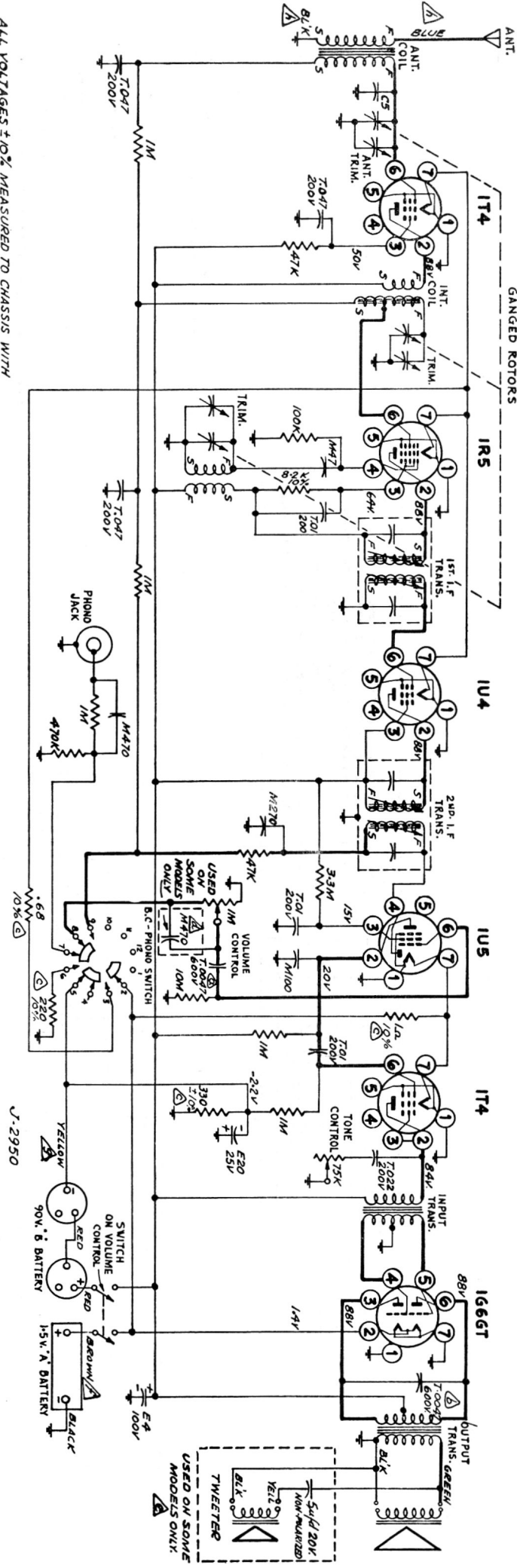


ALL VOLTAGES ±10% MEASURED TO CHASSIS WITH 20,000 OHM/VOLT METER AND BAND SWITCH IN BROADCAST POSITION.
NOTE: B-C- PHONO SWITCH SHOWN IN PHONO POSITION.

VIKING 55-150



C.N. NO.	DATE	CHANGE	SYMB.	CK.
53-210	6-12-53	WAS T-004	⊕	
54-114	4-9-54	WAS T047	⊕	
54-114	4-9-54	TOLERANCES ADDED	⊕	
54-114	4-9-54	M470 COND. NOTE ADDED	⊕	
54-114	4-9-54	TWEETER SPKR CONNECTORS & LEAD COLORS ADDED	⊕	
54-114	4-9-54	COLOR WAS WHITE	⊕	
54-114	4-9-54	COLOR WAS BLACK	⊕	
54-114	4-9-54	ANT. GND. LEAD COLORS ADDED	⊕	
				h2

J-2950

USED ON SOME MODELS ONLY

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.I.V.

E= ELECTROLYTIC, FOLLOWED BY CAP. IN MFD. & TOL. IF CRITICAL.

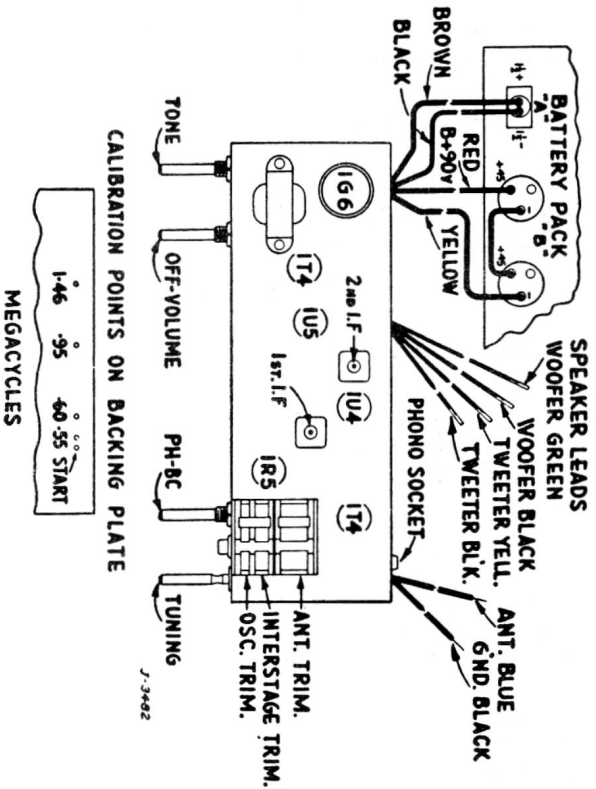
C= CERAMIC, FOLLOWED BY CAP. IN MFD. & TOL. IF CRITICAL.

M=MICA, FOLLOWED BY CAP. IN MFD. & TOL. IF CRITICAL.

ALIGNMENT AND SENSITIVITY

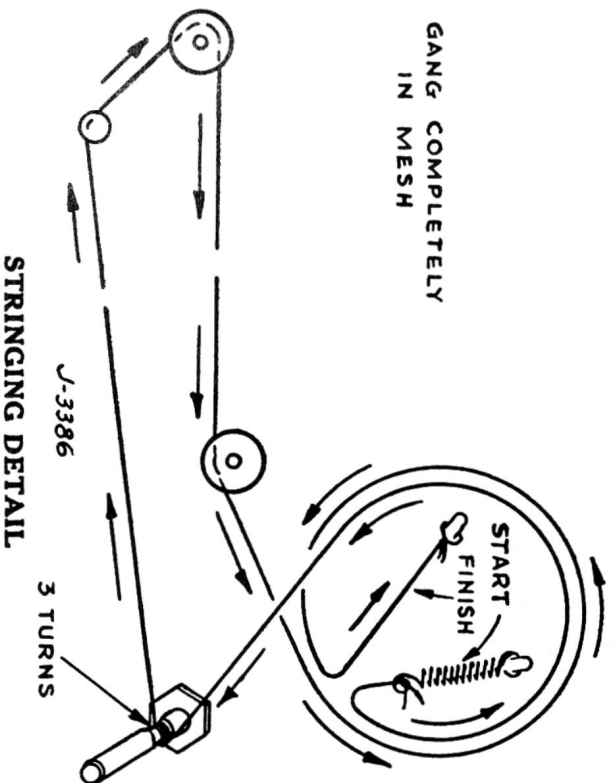
SIGNAL GENERATOR MODULATED 30% AT 400 CY.

STEP	APPLY SIGNAL AT KC.	TUNE SERIES TO DUMMY	SET GANG AT	ADJUST FOR MAX. OUTPUT FOR NOMINAL SENSITIVITY FOR 50 MILLIWATTS OUTPUT
1	455	1U4 #6 PIN	—	2ND I.F. SLUGS: 2200 μ V.
2	455	1R5 #6 PIN	—	1ST I.F. SLUGS: 115 μ V.
3	1000	1R5 #6 PIN	.05 μ fd.	CHECK ONLY 150 μ V.
4	1460	ANT.	200 μ fd.	OSC. TRIMMER 1460
5	1460	ANT.	200 μ fd.	ANT. TRIM. INTER. TRIM. 2 μ V.



CHASSIS LAYOUT CHART

GANG COMPLETELY IN MESH



STRINGING DETAIL

SPECIFICATIONS

Standard Broadcast Range	540 Kc.-1650 Kc.
Intermediate Frequency	455 Kc
Undistorted Output	180 mw.
Maximum Power Output	350 mw.
“A” Battery 1.5 Volts Average Drain	Radio 320 ma.
—Phono 195 ma.	
“B” Battery 90 Volts Average Drain	Radio 16 ma.
—Phono	8 ma.

VIKING 55-150