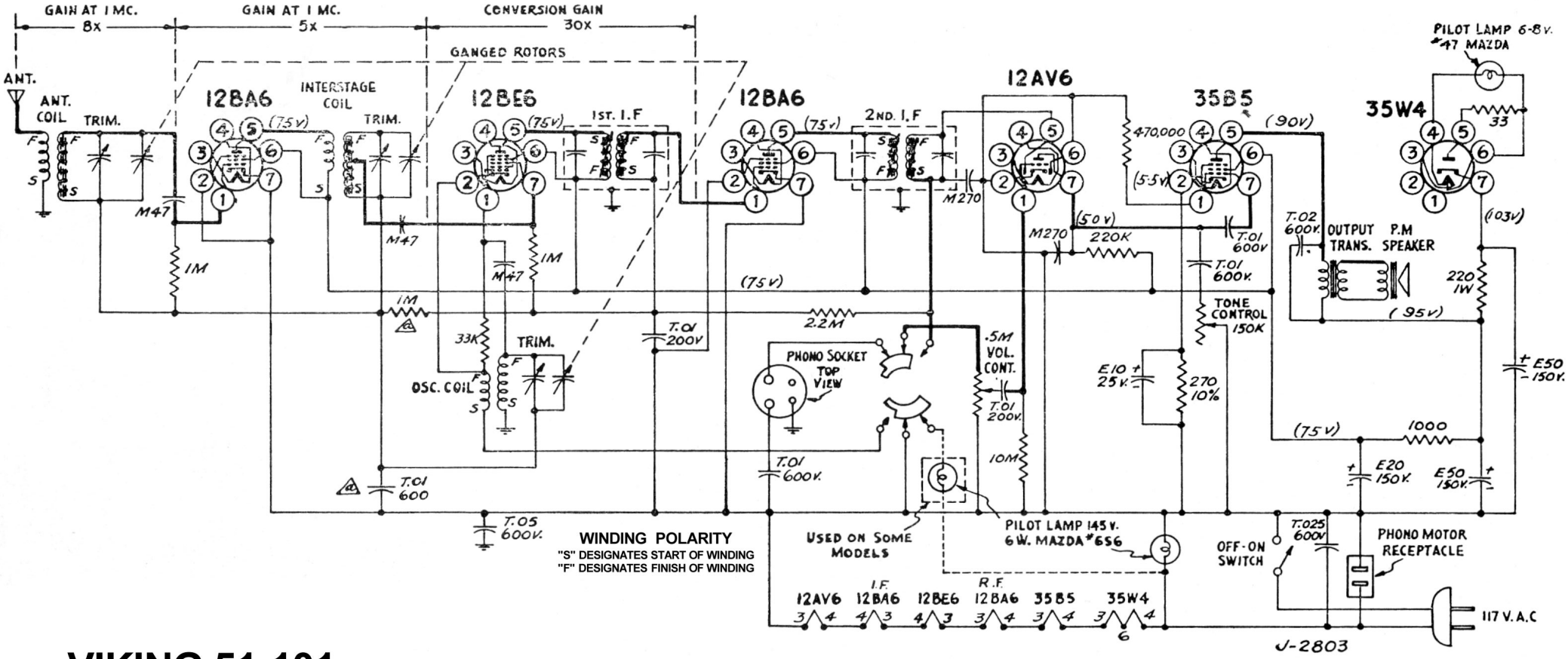


VIKING 51-101
SERENADER 5058

ALL VOLTAGES ± 10% MEASURED TO B- WITH 20,000 OHM/VOLT METER, 117 V. LINE.
RADIO PHONO SWITCH SHOWN IN PHONO POSITION.

CHANGE
A.V.C CIRCUIT REVISED, 1 RESISTOR & 1 CONDENSER ADDED

COMPONENT VALUES

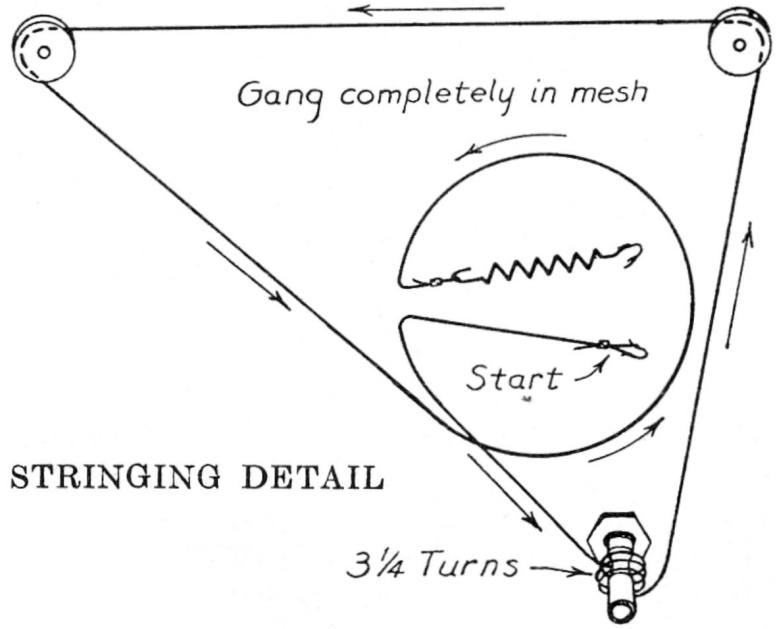
RESISTORS: HALF WATT UNLESS OTHERWISE SPECIFIED.
20% TOLERANCE UNLESS OTHERWISE SPECIFIED.
K = 1000 OHMS.
M = 1000,000 OHMS.

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

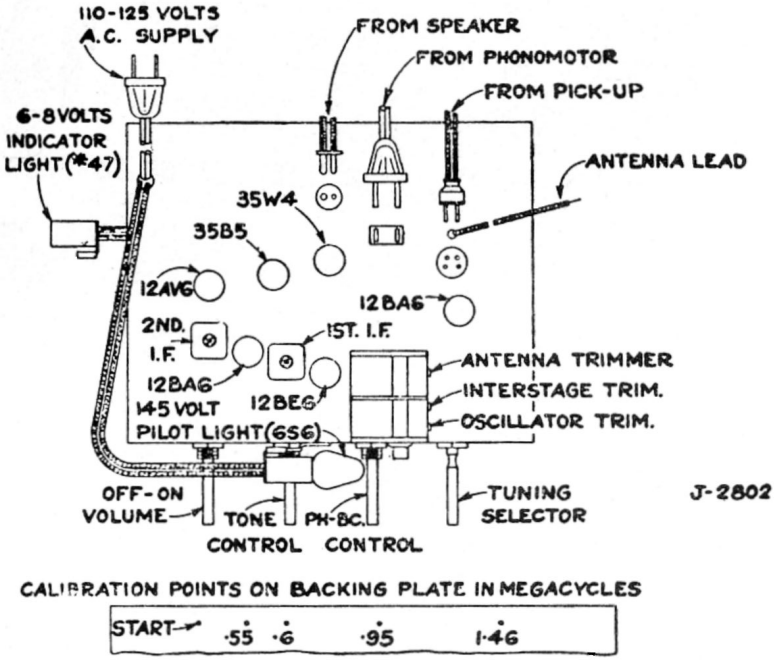
ALIGNMENT AND SENSITIVITY

SIGNAL GENERATOR MODULATED 30% AT 400 CY.

STEP	APPLY SIGNAL AT KC.	APPLY SIGNAL TO	THRU SERIES DUMMY	SET GANG AT	ADJUST FOR MAX. OUTPUT	NOMINAL SENSITIVITY FOR 50 MILLIWATTS OUTPUT.
1	455	I.F 12BA6 #1 PIN	.05		2ND. I.F	5000 µv.
2	455	12BE6 #7 PIN	.05	MINIMUM CAPACITY	1ST. I.F 2ND. I.F	130
3	1460	R.F 12BA6 #1 PIN	.05	1460 KC.	OSC. TRIM, INTERSTAGE TRIMMER.	30
4	1460	ANT.	200 µµfd.	1460 KC.	ANT. TRIM.	3
5	600	ANT.	200 µµfd.	600 KC.	CHECK ONLY.	4



STRINGING DETAIL



CHASSIS LAYOUT CHART

VIKING 51-101
SERENADER 5058

SPECIFICATIONS

Standard Broadcast Range	535 Kc. - 1650 Kc.
Intermediate Frequency	455 Kc
Power Consumption (Radio and Phono)	48 Watts
Power Consumption (Radio Only)	30 Watts
Undistorted Output	700 mw.
Maximum Power Output	1.0 Watts