

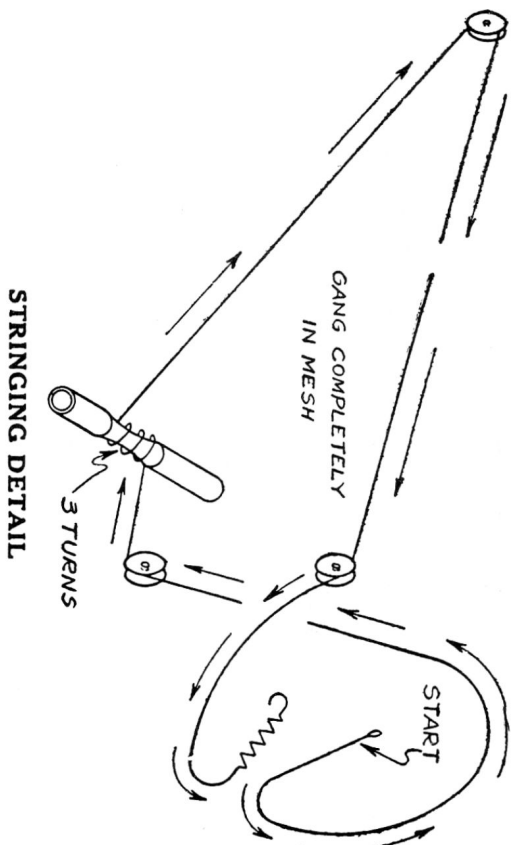
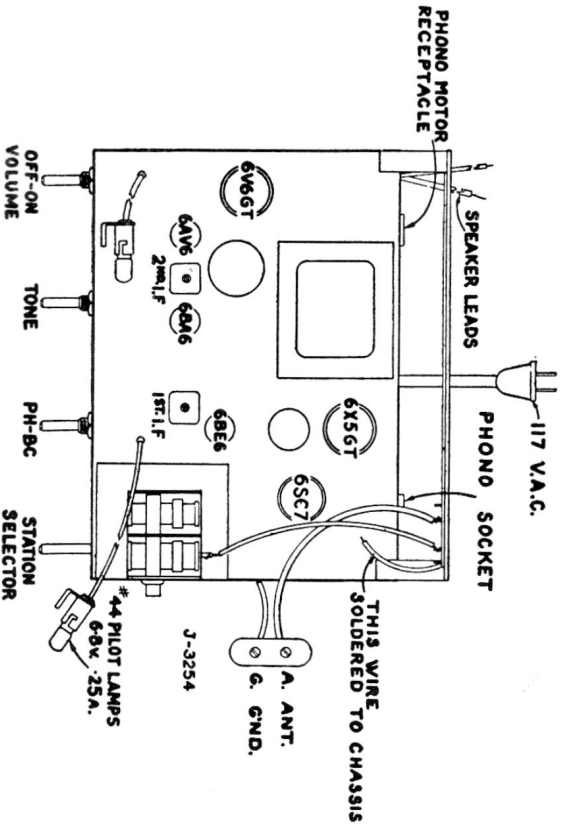
ALL VOLTAGES  $\pm 10\%$  MEASURED TO B - WITH  
 20,000 OHM/VOLT METER, 117VOLT, 60 CYCLE  
 LINE AND ZERO SIGNAL INPUT.  
 PHONO-RADIO SWITCH SHOWN IN PHONO  
 (COUNTERCLOCKWISE) POSITION.

# VIKING 53-126, 53-130, 53-132

\* FASHION LOOP OF SEVERAL TURNS OF WIRE AND RADIATE SIGNAL INTO LOOP OF RECEIVER. ADJUST FOR MAXIMUM OUTPUT.

ALIGNMENT AND SENSITIVITY  
SIGNAL GENERATOR MODULATED 30% AT 400 CY.

| STEP | APPLY SIGNAL AT K.C. | THRU SERIES DUMMY TO | SET GANG AT | ADJUST FOR MAX. OUTPUT   | NOMINAL SENSITIVITY FOR 500 MILLIWATTS OUTPUT. |
|------|----------------------|----------------------|-------------|--------------------------|--|
| 1    | 455                  | 6B4G #1 P1N          | .05         | 2ND 1.F                  | 2000 $\mu$ V                                   |
| 2    | 455                  | 6B6G #7 P1N          | .05         | 1ST 2ND 1.F / IRON CORES | 50   |
| 3    | 1460                 | 6B6G #7 P1N          | .05         | B.C. OSC. TRIM.          | —  |
| 4    | 1460                 | ANT.                 | *           | B.C. ANT. TRIM.          | 80 $\mu$ V/M.                                  |
| 5    | 600                  | ANT.                 | *           | 600 KC.                  | 140 $\mu$ V/M.                                 |



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

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

|   |                    |
|---|--------------------|
| Standard Broadcast Range .....          | 535 Kc. - 1650 Kc. |
| Short Wave Range .....                  | 9.0 Mc. - 18.0 Mc. |
| Intermediate Frequency .....            | 455 Kc.            |
| Power Consumption (Radio Only) .....    | 42 Watts           |
| Power Consumption (Radio & Phono) ..... | 60 Watts           |
| Undistorted Output .....                | 2.5 Watts          |
| Maximum Power Output .....              | 5.0 Watts          |