FIG 1
EXISTING CIRCUIT

Remove Tuning Assembly by between removing 4 screws. Duct wires above chassis & box at points marked X.

C2.
C3.
C4.
C5.
C9.
TR. 1196, CONVERSION TO M.W., 6-2-50

\[ \text{Diagram of circuit with components labeled:} \]

- \( C_1 \): 0.1 \( \mu \)F (NEW, UNDER SUB-CHASSIS)
- \( C_2 \): 0.1 \( \mu \)F EXISTING
- \( C_3 \): 0.1 \( \mu \)F (NEW, UNDER SUB-CHASSIS)
- \( C_4 \): 400PF TUNING & PHILLIPS TRIM
- \( C_5 \): 0.1 \( \mu \)F EXISTING
- \( C_6 \): 400PF TUNING & BUILT-IN TRIM
- \( C_7 \): 0.1 \( \mu \)F
- \( C_{8a} \): 500PF FIXED PADDLE 100CC
- \( C_{8b} \): 100PF VARIABLE PADDLE SECTION
- \( C_9 \): 0.1 \( \mu \)F (NEW, UNDER SUBCHASSIS)
- \( C_{10} \): 300PF MICA, NEW UNDER MAIN-CHASSIS
- \( C_{11} - C_{12} \): 0.01 \( \mu \)F EXISTING
- \( R_1 \): 0.1 M\( \Omega \) (UNDER SUB-CHASSIS)
- \( R_2 \): 0.1 M\( \Omega \) (EXISTING)
- \( R_3 \): 0.1 M\( \Omega \) (EXISTING)
- \( R_4 \): 2000\( \Omega \) (MOUNTED ON COIL)
- \( R_5 \): 400\( \Omega \) (REMOVE FROM E4 TAKE TO RF GAIN)
- \( R_7 \): 0.1 M\( \Omega \) (UNDER SUB-CHASSIS)
- \( R_{8/9} \): 0.1 M\( \Omega \) (EXISTING)
- \( R_{17} \): 200\( \Omega \) (BROWN LEAD TRANSFERRRED FROM OLD TO NEW RF GAIN)
Remove Mike ribbon, change V5 & V6 grid; add 150 ohm resistor.

- Output Jack. Blank R23 to Smith-Leak. Remove C35
- Change R23 for Smith-Leak type & receive circuit as shown at B. Remove (or short out) R27 & put screen to HT+

Substitute V5 (EF36) for EL32. — OR Rewire Base & emit 6V6.

Transfer R33 from Jw6 to chassis.

Existing AF & DET Section

FIG 3

V4 - EF36
V5 - EF36
V6 - EBC.33
FIG 4

FINAL CIRCUIT OF DET & A.F SECTION

(2000pF)

C32a added. 20/2/50 (mgs) to cure this
MODIFICATIONS TO A.F. STAGE, Y DET