SERVICE BULLETIN

MODEL: WASHINGTON AND GRANT

COMPLAINT: Failure of TR-5 (P/N 2000-214) resulting in poor or

inoperative receiver.

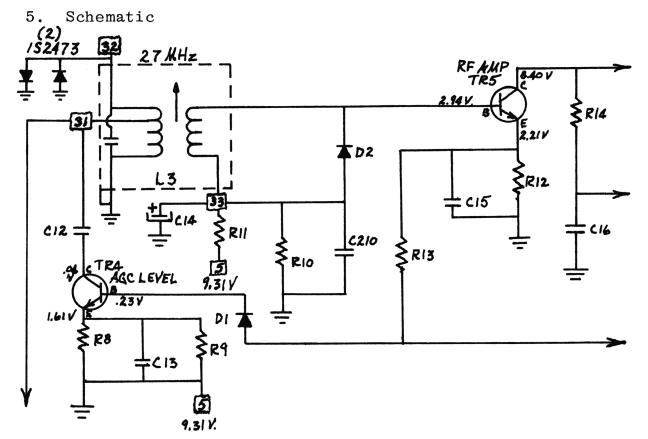
NOTE: Previous modifications are satisfactory and need not

be updated.

CORRECTIVE ACTION:

1. Replace TR-5

- 2. Install a 10K ohm 1/4 or 1/2 watt resistor directly across the antenna connector (J401). Make certain good solder joints are made. Difficulty in heating the ground side may be encountered. Use minimum lead length.
- 3. Install a pair of back to back diodes directly across the primary of L3. Use P/N 2000-310 (1S2373) or equivalent. It is essential that minimum lead length be used on the diodes.
- 4. It will be necessary to realign L3 and L4 to obtain optimum performance. This should be done on channel 19 or 20.



6. Make certain the shielded lead connected to the antenna connector is dressed as far away as possible from TR-5.