

|   |                        |                                                                            |                          |         |                                                                                             |               |                     |
|---|------------------------|----------------------------------------------------------------------------|--------------------------|---------|---------------------------------------------------------------------------------------------|---------------|---------------------|
| 4 | RF Amplifier Alignment | Connect S.G. to antenna input and set it to 51.0 Mc                        | Across Speaker Terminals | 51.0 Mc | L6 then L17 then L4. Note: Repeat adjustments until no further improvement can be obtained. | "             | See Figures 6 and 7 |
| 5 | Adjust S-meter         | Connect S.G. to antenna. Set it to 51.0 Mc with an output of 50 microvolts | ----                     | 51.0 Mc | Meter Adj. Pot.                                                                             | S9 on S-meter | See Figure 3        |

## TRANSMITTER

To align the transmitter portion of the HA-460 obtain the equipment listed below and proceed as directed in Table 5.

Equipment Required: 1. Milliammeter (Simpson Model 260 or equivalent)

2. 8.5 Mc crystal. Note: Any crystal which will produce an output frequency between 50.0 and 52.0 Mc may be used. The proper adjustments must be made in Table 5 to compensate for using a crystal with a frequency other than 8.5 Mc
3. Non-metallic alignment tool
4. Ten watt dummy load
5. TV Receiver