

RECEIVER

- () Connect a pair of headphones to the HEADPHONES jack on the back of the Transceiver.

NOTE: You may use a nearby accurately calibrated transmitter for the following adjustments. If you do use one, connect a small piece of wire to the Transceiver's antenna socket. The small wire will act as a simple antenna. (You may also use an appropriate antenna.)

- () Connect a signal generator to the ANTENNA socket on the back of the Transceiver.
- () Turn the signal generator on and allow it to warm up.
- () Set the Transceiver tuning dial to 250.
- () Set the RECEIVER PRESELECTOR to 14.
- () Set the RF GAIN control to MAX.
- () Turn the Transceiver on and adjust the AF GAIN control for a comfortable listening level.

NOTE: In the following steps, as you approach the point of resonance of a trimmer capacitor or coil, the sound from the headphones will increase. As this occurs, decrease the output of the signal generator to the lowest level that you can still hear. This will prevent overloading the receiver.

- () Press the 3.5 MHz pushbutton.
- () Adjust the signal generator frequency to approximately 3.750 MHz or until you hear the signal in the headphones. The output of the generator may have to be quite high.
- () Alternately adjust trimmers C3 and C16 for maximum sound in the headphones.
- () Press the 7.0 MHz pushbutton.

- () Adjust the signal generator frequency to approximately 7.25 MHz or until you hear it in the headphones. The output of the generator may have to be quite high.

- () Alternately adjust trimmers C6 and C19 for maximum sound in the headphones.

- () Set the Transceiver tuning dial to 100.

- () Adjust the signal generator frequency to approximately 7.100 MHz or until you hear it in the headphones.

- () Adjust the RECEIVER PRESELECTOR for maximum sound in the headphones.

- () Readjust trimmer C6 for maximum sound in the headphones. NOTE: Do not adjust trimmer C19.

- () Press the 14.0 MHz pushbutton.

- () Set the Transceiver tuning dial to 250.

- () Set the RECEIVER PRESELECTOR to 14.

- () Adjust the signal generator frequency to approximately 14.25 MHz or until you hear it in the headphones.

- () Alternately adjust trimmers C7 and C22 for maximum sound in the headphones.

- () Press the 21.0 MHz pushbutton.

- () Adjust the signal generator frequency to approximately 21.25 MHz or until you hear it in the headphones.

- () Alternately adjust trimmers C9 and C24 for maximum sound in the headphones.

- () Turn the Transceiver off.

- () Disconnect the signal generator from the Transceiver.

This completes the "Transceiver Alignment." Proceed to "Final Assembly."