SEE FIGURE 21 on a large separate sheet.

☑ Position the chassis as shown.

☑ Put one of the collars of a shaft coupler on the shaft of the BANDSWITCH.

☑ Put the BANDSWITCH shaft assembly together as shown in Figure 22. After the "C" washers are in the grooves crimp them so they don't fall off.

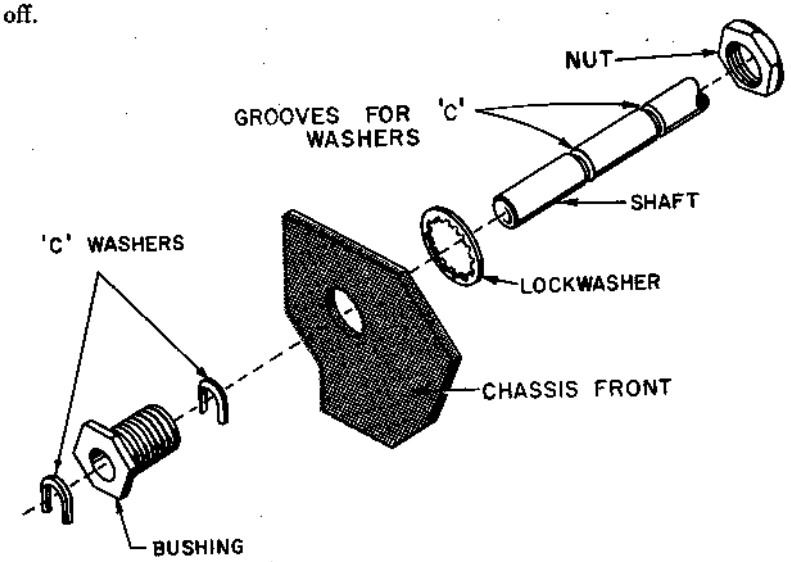

FIGURE 22. BANDSWITCH SHAFT ASSEMBLY

☑ Mount the BANDSWITCH shaft assembly on the front of the chassis. Use a ⅜" lockwasher and nut in the same manner as used to mount the other controls and switches. Be sure to insert the shaft end into the other collar of the shaft coupler. Tighten the setscrews on both collars.

☑ Solder the free end of the orange wire previously soldered to the coaxial antenna jack, J-1, in hole 1 on the RF printed circuit board.

☑ Solder one end of a red wire to terminal 1 of TS-1. Solder the other end in hole 2 of the RF printed circuit board.

☑ Solder one end of a violet wire in hole 10 on the RF printed circuit board. Solder the other end in hole 10 on the IF printed circuit board.

☑ Solder one end of a blue wire in hole A on the RF printed circuit board. Solder the other end in hole A on the IF printed circuit board.

☑ Solder one end of a violet wire in hole 6 on the RF printed circuit board. Solder the other end in hole 6 on the IF printed circuit board.

☑ Solder one end of a violet wire in hole 11 on the RF printed circuit board. Solder the other end in hole 11 on the IF printed circuit board.

☐ Prepare a 7" insulated shielded wire as shown in Figure 9B, but do not use any bare wire.

☑ Solder the inner conductor of this 7" wire (the end with ¼" braided shielding exposed) in hole 13 on the IF printed circuit board. Solder the other end of the inner conductor in hole 13 on the RF printed circuit board.

☑ There is a bare wire soldered to the wire previously soldered to hole 15. Position this bare wire as shown. Being careful not to melt the inner insulation, solder the bare wire to the shielding of the wire previously soldered into hole 13. Now, solder the loose end to the solder lug near the IF printed circuit board.

Before mounting the output transformer, T-1, prepare the blue and red leads as follows:

☑ Clip both the blue and red leads to 4". Remove ¼" of insulation from the end of each lead. Prepare the end of both leads by twisting the stranded bare wires tightly and coating with solder.

☑ Push the 2½" piece of shielding over the blue lead. NOTE: The shielding MUST be as close as possible to the bare end of the blue lead, but not so close that it will touch the foil of the printed circuit board when the blue lead is connected. Be careful NOT to melt the blue insulation, and coat both ends of the shielding with solder. Do not overheat!

☑ From inside the chassis, mount T-1. Use two 6-32 x 5/16" flat-head screws, one lockwasher, one solder lug, and two nuts. Note that the chassis holes are countersunk for these flat-head screws.

☑ Solder the T-1 red lead in hole 25 on the IF printed circuit board. Solder the T-1 blue lead in hole 26 on the IF printed circuit board.

☑ Solder one end of a 2½" bare wire to hole 34 on the IF printed circuit board. Be careful not to melt the blue insulation, and solder the other end of the bare wire to the end of the braided shield of the T-1 blue lead as shown. *NOTE: THIS BARE WIRE MUST BE SOLDERED VERY CLOSE TO THE END OF THE BRAIDED SHIELD CLOSEST TO THE IF PRINTED CIRCUIT BOARD. IF THE WIRE IS NOT SOLDERED TO THIS END OF THE BRAIDED SHIELD, A GROUND LOOP WILL BE SET UP AND OSCILLATIONS MAY RESULT.*