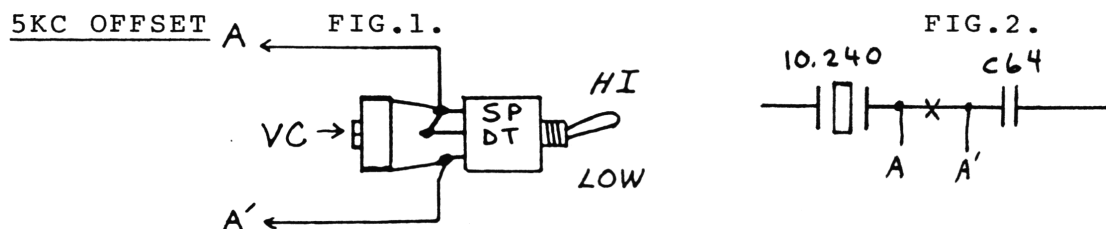


PRESIDENT AX43 & SEAHAWK 40



1. Wire up the SPDT switch and trim capacitor as shown in Fig.1.
2. Cut the foil trace between the 10.240MHz. crystal and C64 as shown in Fig.2.
3. Solder the wires from the switch to each side of the cut trace.
4. With switch in low position, adjust VC for 27.410 on Ch.40.
5. Switch to the high position and check for 27.405. If necessary, alter the value of C64 to compensate.

CHANNEL CONVERSION

1. Unsolder and lift the leg of R54 opposite pin 8 of IC3, the TC9106 PLL chip.
2. Run a wire from terminal Q on the DPDT switch provided to the lifted leg of R54.
3. Run a wire from terminal P on the switch to where R54 was connected. Also run a wire from terminal P on the switch to the red dot post of the epoxy pak.
4. Run a wire from terminal S on the switch to pin 1 of IC3.
5. Locate, unsolder and remove C76 & C77 (off pin 4 of IC2, the TA7310P VCO/Mixer chip).
6. Solder one leg of the 47pf capacitor provided to pin 4 of IC2.
7. Run a wire from terminal K on the switch to the other leg of the 47pf capacitor.
8. Run a wire from terminal J on the switch to where the other leg of C77 was connected.
9. Run a wire from terminal L on the switch to the yellow dot post of the epoxy pak.
10. Run a wire from the unmarked post of the epoxy pak to ground.

Now this unit will operate on Channels 42-86, 1-40 and on half channels 1A-40A.

