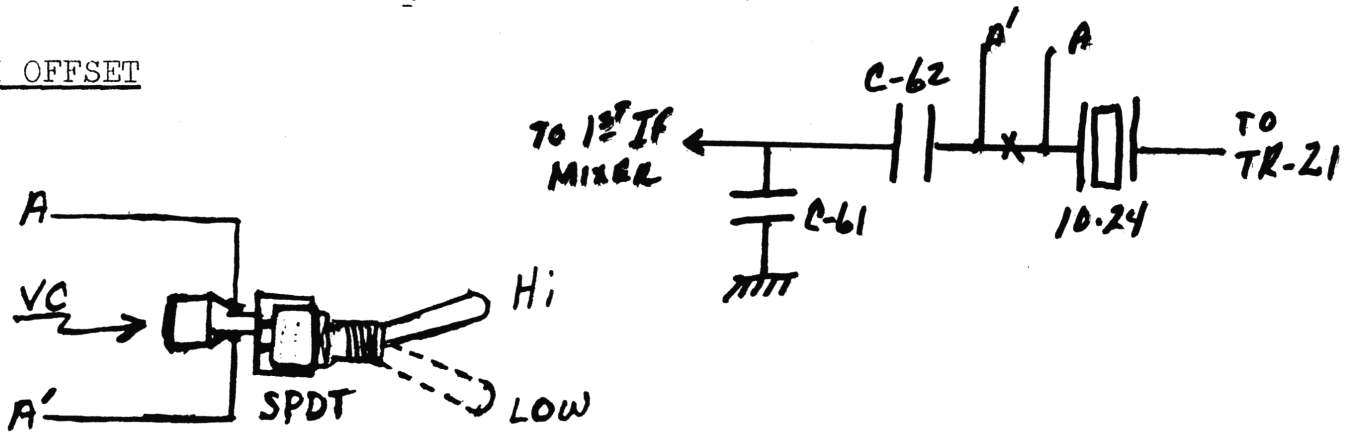
PRESIDENT JAMES K.

5K OFFSET



1. Wire up the SPDT switch and the variablr capacitor (supplied) as shown above.

2. Cut the printed circuit trace as shown between C-62 and the 10.24 crystal.

3. Solder the two wires from the SPDT switch across this cut as shown.

4. With the channel selector on ch.10 and the SPDT switch in low position apply power to the unit. Check the TX-frequency for a reading of 27.075. If the reading is too low change C-61 to a smaller value capacitor (approx. 39pf.) then if needed add or trim it on frequency by paralleling it with a small capacitor on the printed side of the board.

5. Switch the SPDT switch to the Hi position and adjust the VC for a TX-frequency of 27.080.

> NOTE: Since this is a remote unit, the prime concern is that the unit will be located properly in order the switch or switches can be reached for operation.

CHANNEL CONVERSION - PRESIDENT JAMES K

1. Remove CF-1 (10.7 creamic filter). Solder cable#1 in its place. Put the white or yellow wire on the side connected to L-3

2. Cut the printed circuit trace between the anode side of D-17 and pin 9 of the PLL chip.

3. Separate the three wires of cable #2. Solder the orange wire to pin 9 of the PLL chip. Solder the brown wire on the side of the cut connecting to the anode of D-17.

4. Solder the red wire to pin 11 of the PLL chip.

5. With the channel selector on ch.10, the SPDT switch in low position and the epoxy pack switch in normal position, apply power to the unit. Peak the unit in your normal manner. Mark the settings of L-3 & L-4.

6. Switch the epoxy pack switch to low position. Inject a low signal level of 26.620 or use a previously modified unit on these same settings. Repeak the receiver using L-3 & L-4 only. First bring the receiver to peak using L-3 then back it off by 1/3 of the acheived increase in signal strength. Next, bring the receiver to peak again using L-4 then back it off by 1/3 of the signal strength increase.

7. Mount the epoxy pack using the mounting hints.