

HINTS AND KINKS

PRESIDENT JACKSON CRAPPY AUDIO

● **Sam, T&S Electronics**

COMPLAINT: On AM/FM/SSB, audio raspy, mushy.

FIX: Tap C135 (2.5V, 0.22uf), a capacitor in the audio section with a screwdriver while transmitting into a dummy load and listening on another radio. Echo, or microphonics will pinpoint the faulty capacitor.

Replace with one of equal or slightly greater value and greater voltage rating.

I replace these on every new set in a few minutes while doing the receive sensitivity mod and the frequency mod for the local hams. I have seen at least 15 of these caps go west.

RCI-2900 SIDEBAND WARBLE AND SLOW FREQUENCY LOCK TIME

● **BILL GRASSA**

COMPLAINT: Sideband Warble and Slow Frequency Lock Time.

FIX: (a) Remove cover screws

(b) Remove small V.C.O. box (shield) cover (4 screws)

(c) Locate R-124 which is a 47k resistor (see silk screen)

(d) Flip radio over and de-solder R-124 (you don't have to remove solder side shields, its in between).

(e) Solder in a "10 ohm" resistor in R-124's place

(f) Replace V.C.O. cover

(g) Turn radio on and check TP-7 for 2 volts at 28.000 mhz (Rec)

(h) Put a scope on TP-5 and adjust for max. (rec)