

## SR-2000 TUNE UP

In the Hallicrafters 'OPERATION AND SERVICE INSTRUCTIONS manual read section 5-4-A through H carefully, several times. Section 5-4 covers the tune up procedure very well.

The use of an external wattmeter like a THRULINE is highly recommended in the tune up procedure. REF: section 5-4-D. When using the external wattmeter the front panel meter switch can be left in the SCREEN MA position. This simplifies the tune-up and reduces chances of harmful errors. With this configuration you can monitor the plate current, screen current and the power out continuously without having to reset a switch.

**Hint: Continually monitor the SCREEN MA and keep below 20ma using the load control. Keep the duty cycle short.** I tune up in CW mode rather than the TUNE mode, with the J37 plugged into the key jack. When I want power, I key down. That way I do not inadvertently stay in transmit mode too long.

**So now you're ready to start. The procedure in the manual is good but several issues need to be reinforced:**

- Keep the transmit time (duty cycle) very short.
- PRESET PLATE LOAD (chart page 17 )
- Keep the transmit time (duty cycle) very short.
- Advance the RF until plate current starts to move up (will require fine tuning of the PRESELECTOR).  
**Continually monitor the SCREEN MA and keep below 20ma using the load control.**
- Keep the transmit time (duty cycle) very short.
- Dip the plate current with the PLATE control.  
Continually monitor the SCREEN MA and keep below 20ma using the load control.
- Keep the transmit time (duty cycle) very short.
- Once the PRESELECTOR and PLATE controls are initially set proceed to section 5-4-E and 5-4-F.