

DO THIS FIRST FOR

SR-150 NEW INSTALLATIONS

FIRST TIME POWER-UP

BEFORE CONNECTING any cables preset the following conditions:

OPERATION switch OFF
FUNCTION switch LSB
CAL ADJ centered
MAIN TUNING 900
OFF/CAL OFF
BAND SELECTOR 3.5
PRESELECTOR upper end of 80 meter segment
RF and AF GAIN to 0
RF LEVEL to 0
MIC GAIN to 0
RIT CONTROL centered
RIT OFF/ON to OFF
FINAL TUNING upper end of 80 meter segment

Connect cable from power supply to R/T unit then plug power supply into ac source. Set the OPERATION switch to STBY. The S-METER should move far to the right and slowly drop over a period of a minute or two. As the s-meter passes through the region of S7 to S3 you should hear the internal relays click as the unit acquires full receive mode.

Let the unit warm up for 15 minutes, do not get in a hurry let it get to temp and stabilize. It is not uncommon for some of these vintage rigs to take 30 minutes to stabilize.

After proper warm up, ENSURE the RF LEVEL and MIC GAIN are both set to 0 (**zero**).

Locate the bias adjust on the rear of the power supply. Locate TP 201 and 202 on the power supply chassis. Connect a test meter to TP 201 and 202. Set the scale of the meter to 2.5 or 3vdc full scale. **CAUTION** these test points are at 550 to 650 vdc this voltage can **KILL** you. You may want to turn the power off while you make this connection. Remember to give it a couple minutes re-warm time when you power back up.

Connect a microphone to the microphone jack. Set the OPERATION switch to MOX. While watching the test meter, key the mic. You should hear the relays in the R/T unit click and see movement on the test meter. Adjust the BIAS pot on the power supply for a reading of 0.7vdc on the test meter. This indicates 70mills of idle current. If the plate current refuses to adjust properly proceed to the transmitter bias fault section 1-9-4 of the SUPPLEMENT TO OPERATION AND MAINTENANCE MANUAL HALLICRAFTERS SR-150

I leave a meter plugged into the power supply test jacks at all times. It is invaluable in FINAL TUNING adjustments. Just tune for the plate current dip. This is covered in detail in the SUPPLEMENT.

This adjustment should be checked once a week or at least every 10 hours of operation.

Now that this adjustment is complete Continue with the set-up and tuning instructions in the Hallicrafters user manual.