pots were added because of the wide variation in 5842's that I saw. Power OFF the board.

Connect a load to the amp, speakers or resistor. It is wise not to use your good speakers during initial testing. Finally, clip voltmeter leads across the 10 ohm resistors in the plate supply of each output tube (R18 and R29), put in the output tubes, and power the amp on. The tubes should draw no (or very little) current. After the amp has been on for a few minutes, slowly adjust the bias pots to raise the output tube current to the desired value. There will be some interaction, since the supply voltage drops under load. Let the amp run for a few minutes and watch the output tube current. Some tubes will creep upwards for a while, especially new ones. Power OFF the board.

Connect a signal source up to the amp. I have used clip leads to connect the amp up to a CD player for temporary connections.

Power the amp ON. Now you can apply a signal and listen. Leave the meters in place for at least the first hour of operation. Watch the tube current and the B+ voltage carefully during the first few hours of operation since some tubes will creep upwards over time.

Reset the tube current if it changes by more than 1 or 2 mA in the first hour. If it has increased, set it on the low side, since it is likely to increase further. Power OFF the board.

Recheck the tube current after about 10 hours of operation.