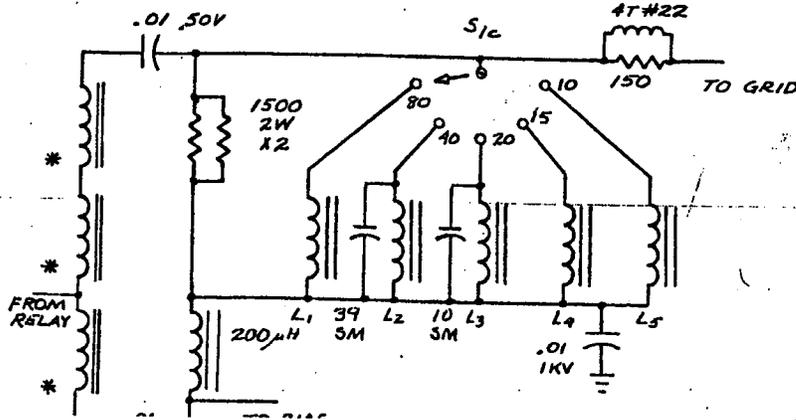
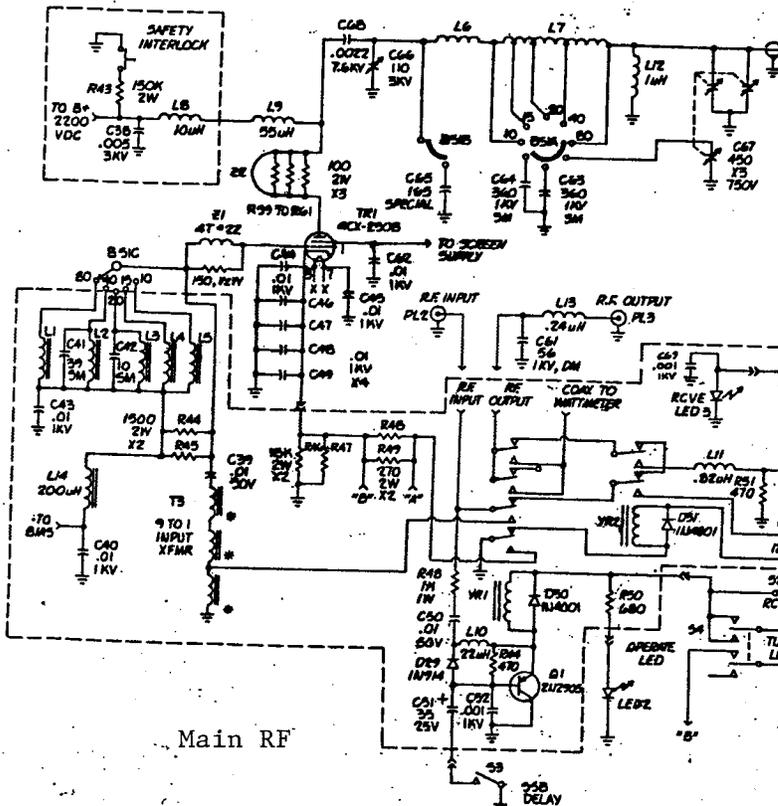


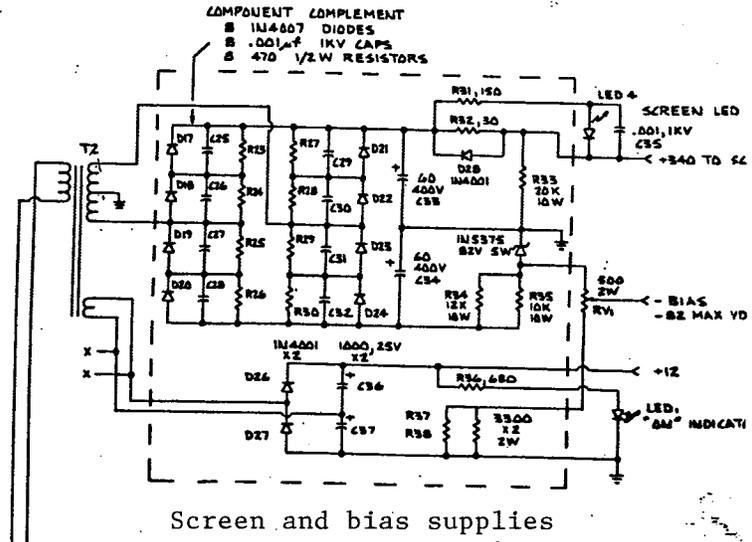
Drive power from the exciter is fed to one set of contacts on the 4PDT relay and coupled also to the 2N2905 relay switching transistor. When the amplifier is in the stanby mode, drive is fed through the relay to the output connector. In the operate or tune mode, drive is switched to the 9:1 input matching transformer, which steps the impedance up from 50 ohms to 450 ohms to feed the input circuitry. The rear deck of the bandswitch selects a tuned circuit for the appropriate band. Two 1500 ohm, 2 watt resistors are in parallel with the resonant input circuit to provide proper loading and bandwidth. Adjustable bias voltage is fed to the grid through a 200 uH choke, an input toroid, and the parasitic choke on the tube grid connection.



Example of an excellent 4CX250 circuit. wv6f skipp



Main RF



Screen and bias supplies