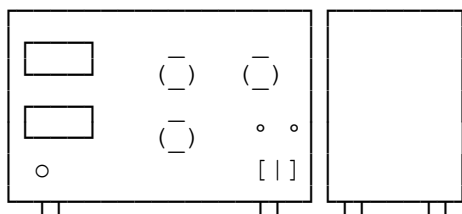


Valve Heater delay Drake L-4B PA

By G8MNY

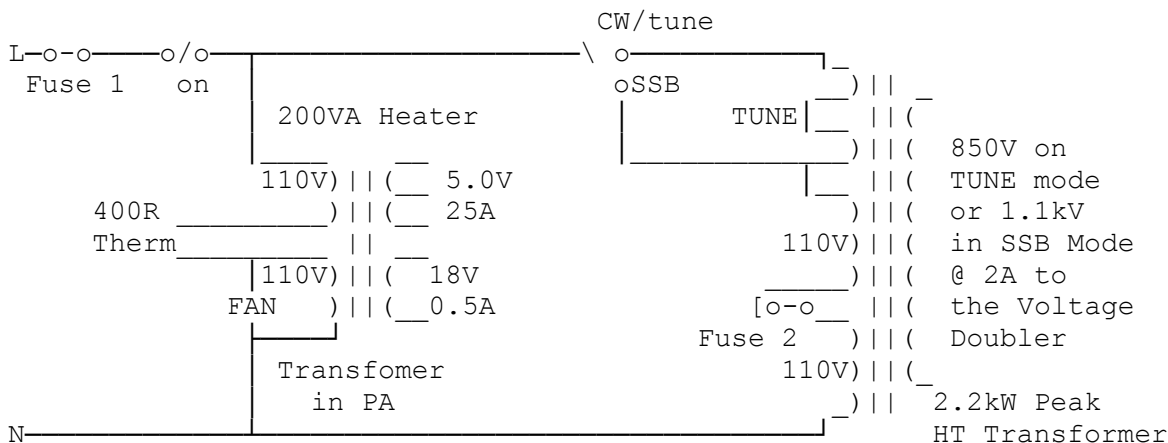
(New Aug 16)

(8 Bit ASCII graphics use code page 437 or 850, Terminal Font)



This USA made Drake PA as a pair of expensive (RCA=\$750ea) 3-500 valves in it. These have a separate heater transformer in the PA unit.

To reduce the heater inrush current, that can eventually blow the bright direct cathode filament, I added a 400R NTC 5W Thermistor (ex Valve TV heater chain) in stead of the 220V bridging strap of the 2x 110V windings. I put the therm in heat proof silicon sleeving & heatshring on leads as it is on mains circuit & hot.



Results were the heaters now take 3 sec rather than 1 sec to warm up now, filament volts dropped a bit from 4.9V to 4.6V. But RF power still 900W max on low power setting HT tune setting. So the heaters are bright (hot) enough!

See my Tech bul on "ALC line for Drake L-4B PA", & "PTT Line for Drake L-4B PA".

Why Don't U send an interesting bul?

73 de John, G8MNY @ GB7CIP