HEWLETT hp PACKARD

To Mike Beaver

Date 7/1/80 Time

Hi Mike:

Do you remember at the last Microcomputer meeting I mentioned that my transformer was crowding the front panel? I thought I'd try to solve the problem like Rick Pinger by trying to compress the windings by zapping it with a rubber mallet. When I took it off I noticed the forward fan had scraped a small nick down to one of the windings. It seemed that this might cause a problem when the unit starts running and the vibration might cause a short. So I tried reversing the capacitors and moving the forward fan back about 1/2 inch. This gave me plenty of clearance for the transformer (I also moved it back about 3/8 inch).

I drilled several holes in the deck and it now seems fine with everything having good clearance.

There are only a couple of problems that I can see:

1) The capacitor slightly projects in front of the fan blast; there is a chance this might cause the air to curve around the capacitor (maybe not).

2) The diode bridge would have to be relocated adjacent to the other one, or between the capacitor, or alongside the fan.

I don't have a wiring diagram so I'm not sure what to do. Do you have any ideas on this?

Thanks for your help.

Tom Engelhardt

c/o Joanne Engelhardt, 28A

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