

Duncan Avionics, Seattle

Seattle, WA



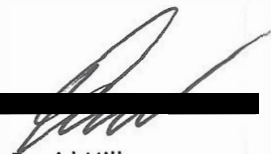
Mr. Thomas Little,

This is in regard to N301DM, Piper PA46-350P.

Below is a description of what we did and what was found, July 5, 2016:

1. Examination of Tie Buss and association components.
2. Disassemble pilot instrument lower left panel to gain access to main CBs.
3. First indication showed left Main 80A CB (CB306) may be failed open.
4. Removed both right and left Main (CB 306, CB307) and found both CB are having conductivity with button seated.
5. Found left Main CB wiring to Main Buss no conductivity (Wire P1786L).
6. Trace wire to behind pilot side sidewall.
7. Removed left forward passenger seat and pilot seat, removed sidewall.
8. Found left Main Isolating Diode (CR331L) opened (no longer passing current), and cathode loose in housing.
9. As requested, removed Diode CR331R, attach to heat sink, and Cathode with wire (P17C6L) still attached (removed from left Main Buss bar).
10. NTSB retained parts removed.
11. No further action taken.

Best regards,


David Hill

Satellite Avionics Technician

CRS # JG7R076J