

# **NATIONAL TRANSPORTATION SAFETY BOARD**

## **MEMORANDUM**

**Subject:** Test of FACET 12V Electric Fuel Pump

The test was conducted at Robert Bejna's component shop. The test demonstrated that there was no blockage of the pump. It worked normally providing 110 to 130 gallons per hour fuel flow rate. At max pressure it provided for 30 gallons per hour, or 180 pounds per hour.

The fuel pump was disassembled and the spring had some corrosion on the surface, but there were no other anomalies.

The section of the right wing's fuel vent tube was inspected. It was blocked and restricted. Fuel could get through the blockage but at a minimal rate. A small rod was put through the fuel vent tube and the blockage came out. Both were put in a bag and sent back to the airplane's owner.



