



MEMORANDUM FOR RECORD

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Date: 10/27/2020
NTSB Accident Number CEN20LA145

Fuel System Exam

On August 10, 2020, a mechanic was hired to perform a functional test of the fuel distribution assembly and electric fuel pump. A fuel source was connected to the left wing and fuel was supplied to the firewall through the fuel selector. The battery was turned on, throttle was opened and the mixture was placed in the full rich position, all with cockpit controls.

Once the electric fuel pump was turned on, fuel flowed through the pump and fuel distribution assembly and out of the fuel injectors into individual glass jars of the same size/design. All 6 injectors pushed fuel without obstructions and the amount in each jar was about the same.

Following the test, all switches were turned off and the fuel source removed.

On September 14, 2020, the engine driven fuel pump was disassembled by the investigator-in-charge following a functional test. The pump was tested by attaching tubing to the pump and a tube into a fluid source. It was then actuated utilizing a hand drill. Fuel flowed without hesitation. During disassembly, no anomalies were noted that would preclude normal operation.

End of Record