



MEMORANDUM FOR RECORD

Heidi Kemner
Air Safety Investigator
Eastern Region Aviation

December 1, 2020

Subject: ERA20LA302
Who: Mr. Brent Presley – A&P Mechanic

In a telephone conversation, Mr. Presley stated the following:

- The engine was examined.
- There was no fuel in the lines in the engine.
- The gascolator did not have fuel in it.
- Fuel selector was in the off position.
- No fuel in the lines leading to the engine driven fuel pump.
- Top of the engine spider - no fuel in the spider
- No fuel in the fuel servo.
- Valve covers were removed, and all valves moved.
- Checked mags - all towers fired.
- Magneto timing was checked and no anomalies were noted.
- Induction system - no anomalies with the induction system
- Fuel tanks were drained during recovery but the fuel selector was not moved. 19 gallons drained. Also, there was no debris noted in the fuel when it was drained.
- No fuel in the system
- The electric fuel pump operated when tested. The engine driven fuel pump operated when tested.
- Crankshaft and valvetrain continuity were confirmed.

Then on December 14, 2020, Mr. Presley texted me a video of the airplane secured to a test stand and running. He also reported that when the fuel selector was moved to the off position, the engine ran for 32 seconds prior to it shutting down. Fuel was plumbed into the engine and it ran without anomaly for 8 minutes at 2500 rpm.

A test of the fuel selector valve was performed and there were no leaks in the gaskets when tested.