

Tealeye Cornejo
Air Safety Investigator (Field)
AS-WPR

Date: September 2, 2020

Subject: WPR20LA190

Contact: Brian Love, John Waugh FAA Inspectors LAS FSDO

The purpose of the inspection was to find the cause of the engine failure. The scope of the examination would also take into consideration, the idle stop and idle mixture settings and throttle rigging.

There were no obvious holes in the engine case. Both magnetos remained attached at their respective mounting pads on the engine. They found the idle stop, idle mixture settings and throttle rigging to be unremarkable. Two of the spark plugs were removed and exhibited to be in a worn out - normal condition. The fuel gascolator bowl contained fuel as well as unidentified metallic debris.

The engine was run with no mechanical anomalies noted.



Photo 1 - Side View of Engine

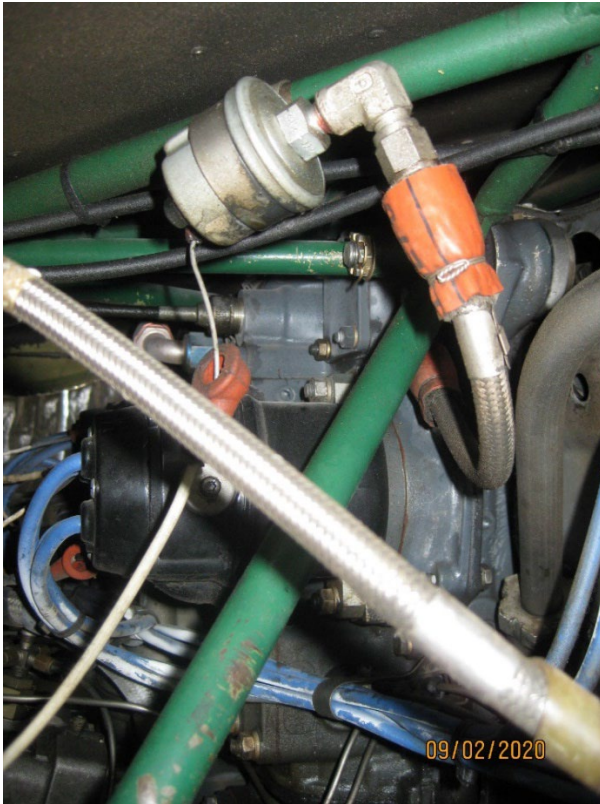


Photo 2 - View of Magneto



Photo 3 - Throttle body with Idle Stop



Photo 4 - Spark Plugs



Photo 5 - Fuel