



Andrew Finne
Air Safety Investigator
Office of Aviation Safety

Date: January 12, 2024
Subject: CEN24LA076 - Engine Exam Summary
Contact: Dan Byker - Byker Aviation, Inc

This is a summary of the engine exam performed by Mr. Byker of Byker Aviation, Inc on behalf of the NTSB for the accident of N2774P on December 29, 2023 in Vermillion, South Dakota.

- Spark plugs had good color, no evidence of fouling, and good spark.
- Mags on both sides have good spark and timing is correct. Leads in good condition.
- Engine compression on all cylinders was 76-77/80 (cold) on all cylinders.
- Fuel lines were clear, and still had fuel in them.
- Gascolator was clean and still had fuel in it.
- No obstructions in carb heat box, and air filter was not blocked.
- Throttle, mixture, and carb heat controls all connected and functioning correctly.

-END-