



MEMORANDUM OF RECORD

Eric Alleyne
Air Safety Investigator
National Transportation Safety Board
Office of Aviation Safety - Eastern
Region

NTSB Case Number: ERA23LA133

Aircraft: Piper PA12/ N4433M

Accident Date: February 25, 2023

FAA Inspector: Shawn Michaud

Subject: Engine examination

I had a discussion with Inspector Michaud regarding the examination of the engine, and the information shared is as follows:

During our discussion, Inspector Michaud confirmed that valvetrain continuity was established for all cylinders during the engine inspection. The crankshaft was turned 720° and compression was confirmed to be present in all cylinders (this was also observed with video documentation). The ignition system was thoroughly checked, and no anomalies were found. Examination of the fuel system did not reveal any anomalies, and fuel was present in the fuel lines to the carburetor and in the fuel strainer. No signs of contamination were observed in the fuel screen or the fuel strainer. The fuel tank indicator revealed about a ¼ tank of fuel within the fuel tanks. The examination of the engine did not reveal any anomalies that would have prevented normal operation and the cause of the loss of power could not be determined.