



Memorandum For Record

Timothy W. Monville
Sr. Air Safety Investigator
Eastern Region

Date: January 6, 2023
NTSB Accident Number: ERA22LA412

On January 4, 2023, at 0832 EST, FAA inspector Athen J. Neuman provided the following information in its entirety below.

“During the investigation of N415C the following was noted during inspection of the engine:

- Oil was observed in the engine oil sump.
- No visual damage of the cylinder assemblies.
- Fuel was present in the fuel sump (firewall mounted).
- No compression noted during travel of propeller.
- Impulse coupling engaged during propeller rotation on both (Lt/Rt) magneto's.
- Spark generated from both magneto's (Lt/Rt).
- Compression check on all cylinders noted no compression on #2 cylinder.
- Removed all valve covers and determined that #2 cylinder exhaust valve rocker arm had no tension present.
- Found #2 cylinder exhaust valve stuck in the open position.
- Borescope of #2 cylinder did not show any additional damage.

Could not accomplish inspection of the carburetor fuel bowl due to impact damage of the lower cowling and intake manifold.

If you have further questions, please feel free to contact me.”