

Aaron McCarter
Aviation Accident Investigator
Eastern Region

Date: July 9th and 26th, 2024

Subject: ERA24LA299; N749SK Examination

Contact: FAA Safety Inspector: Matthew Woodward @ [REDACTED]
Mechanic Robert Danzi worked with the FAA and performed the post-accident examination.

July 9, 2024: The FAA POI checked the engine which had 6 quarts of oil. With FAA oversight, the operator pulled the prop through and got compression on all 4 cylinders. They were able to hear the mags, but did not pull any spark plugs. There was fuel on board, but it was lost due to fuel tank being compromised and the inverted aircraft.

July 26, 2024: FAA Inspector Woodward and Mechanic Danzi conducted an engine examination and discovered damage on the No. 3 cylinder that was consistent with detonation on the edge of the intake valve and valve seat insert, which also included a cracked lower spark plug.

END