



MEMORANDUM FOR RECORD

Brian C. Rayner
Senior Air Safety Investigator
Eastern Region

Date: December 21, 2021
Person: Freddie Hilton – A&P Mechanic
NTSB Accident Number: ERA21LA298 Rockwell, NC
Subject: Post-Accident Engine Run

Narrative:

Mr. Hilton was the Chief Technician at Precision Air, Inc in Manning, SC. Precision Air recovered the airplane and performed the engine run on the airplane at their facility. The process was supervised by me via video telephone call and the engine run was recorded. The recording was attached to the accident docket. Mr. Hilton and his staff performed the following:

Mr. Hilton and his staff drained about one-half pint of automotive gasoline from the gascolator. They replaced the propeller, cleared the intake of sod from the accident site, plumbed a fuel can of aviation gasoline into the fuel supply line at the left-wing root, and attempted an engine start.

The engine started immediately, accelerated smoothly, and ran continuously without interruption through several power changes. Both a magneto and carburetor heat check were performed satisfactorily.