



MEMORANDUM for RECORD

Millicent Hill
Air Safety Investigator
Eastern Region Aviation

Date: August 30, 2022
NTSB Accident Number: ERA21LA174

The engine examination was completed at Florida Air, oversight was provided by Ric Riccardi of the Orlando FSDO. On 9/17/21 he sent the following summary of the engine examination. Near the end of 2021, the insurance company stopped paying for salvage and the wreckage was sold to BAS Part Sales in Colorado. I reached out to them to get more information about the condition of the engine, but it had already been parted and sold.

Summary of observations from FAA oversight of engine examination –
Observed engine examination for N18394

The following items were noted:

- Three of the four engine mounts were broken. The left rear engine mount was not broken.
- The top and bottom No. 4 spark plugs had oil deposits.
- All other spark plugs were unremarkable.
- Removed both magnetos from the engine. They were mounted on a test bench and produced spark on all towers.
- The propeller could not be rotated through 360° of motion. It only could be rotated a small amount.
- The Nos. 5 & 6 cylinder pistons did not move.
- The valve covers were removed from all cylinders and only Nos. 1, 4, and 5 moved when the propeller was moved by hand.