



Aaron McCarter
Aviation Accident Investigator
Eastern Region

Date: September 13, 2022

Subject: ERA22LA345

Contact: FAA Airworthiness Inspector, Todd Moses

The airplane landed hard at the end of the turf runway. The landing gear collapsed, the right wing impacted the ground, and the fuselage was buckled. There was also damage to the bottom of the engine compartment where it struck the ground, and the propeller was bent. The pilot reported that he turned off the fuel selector after the accident.

Mr. Moses examined the airframe and engine. The airplane's original A-65 engine had been replaced with a "newer" C85-12F engine, which was overhauled about 7 hours prior the accident. The carburetor heat was full forward (off). The engine's mixture, carburetor heat and throttle controls were examined with no anomalies noted. The fuel vents were clear and there was adequate fuel onboard.

Post accident examination of the airframe and engine did not reveal any preimpact failures or malfunctions that would have precluded normal operation.

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