



Aviation Investigation Preliminary Report

Location:	Buford, GA	Accident Number:	ERA23LA117
Date & Time:	January 24, 2023, 16:42 Local	Registration:	N7470R
Aircraft:	Piper PA-28-140	Injuries:	2 None
Flight Conducted Under:	Part 91: General aviation - Instructional		

On January 24, 2023, about 1642 eastern standard time, a Piper PA-28-140 airplane, N7470R, was substantially damaged when it was involved in an accident near Buford, Georgia. The flight instructor and a student pilot were not injured. The airplane was operated as a Title 14 *Code of Federal Regulations* Part 91 instructional flight.

The flight instructor reported that she and the student pilot practiced several maneuvers in the local area and were returning to their home airport. She asked the student to switch fuel tanks, since it was time to do so. Shortly thereafter, the engine unexpectedly lost all power. She confirmed that the throttle was full forward and the mixture was full rich. Unable to reach an airport, the flight instructor performed a forced landing to a local interstate highway. During the landing, the airplane's nose landing gear collapsed and the right wing was damaged.

An inspector with the Federal Aviation Administration responded to the accident site and examined the wreckage. He reported that the right wing was substantially damaged.

The wreckage was retained for further examination.

Aircraft and Owner/Operator Information

Aircraft Make:	Piper	Registration:	N7470R
Model/Series:	PA-28-140	Aircraft Category:	Airplane
Amateur Built:			
Operator:	Advanced Aviation	Operating Certificate(s) Held:	None
Operator Designator Code:			

Meteorological Information and Flight Plan

Conditions at Accident Site:	VMC	Condition of Light:	Day
Observation Facility, Elevation:	KLZU, 1061 ft msl	Observation Time:	14:56 Local
Distance from Accident Site:	5 Nautical Miles	Temperature/Dew Point:	11°C / -4°C
Lowest Cloud Condition:	Clear	Wind Speed/Gusts, Direction:	6 knots / , 150°
Lowest Ceiling:	None	Visibility:	10 miles
Altimeter Setting:	30.21 inches Hg	Type of Flight Plan Filed:	None
Departure Point:	Lawrenceville, GA (LZU)	Destination:	Lawrenceville, GA (LZU)

Wreckage and Impact Information

Crew Injuries:	2 None	Aircraft Damage:	Substantial
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:		Aircraft Explosion:	None
Total Injuries:	2 None	Latitude, Longitude:	34.05,-84.03 (est)

Administrative Information

Investigator In Charge (IIC):	Hicks, Ralph
Additional Participating Persons:	Jim Payne; FAA FSDO; Atlanta, GA
Investigation Class:	Class 3
Note:	The NTSB did not travel to the scene of this accident.