



National Transportation Safety Board Aviation Accident Preliminary Report

Location:	Hilltown Township, PA	Accident Number:	ERA22FA137
Date & Time:	February 24, 2022, 16:56 Local	Registration:	N6129V
Aircraft:	Beech 35-C33	Injuries:	2 Fatal
Flight Conducted Under:	Part 91: General aviation - Instructional		

On February 24, 2022, about 1656 eastern standard time, a Beech 35-C33, N6129V, was destroyed when it was involved in an accident near Hilltown Township, Pennsylvania. The private pilot and flight instructor were fatally injured. The airplane was operated as a Title 14 *Code of Federal Regulations* Part 91 instructional flight.

The pilot owned the airplane and had successfully completed the commercial pilot written examination. The purpose of the accident flight was to prepare for the commercial pilot practical examination. Review of Automatic Dependent Surveillance - Broadcast (ADS-B) data revealed that the airplane departed Doylestown Airport (DYL), Doylestown, Pennsylvania about 1626. The airplane was performing maneuvers about 2,000 ft mean sea level when it entered a left spin and descended into a residential street. During the impact, a propeller blade separated and entered a residence. The wreckage came to rest upright, oriented about 125° magnetic and no debris path was observed. A postcrash fire consumed a majority of the wreckage.

The cockpit and cabin were mostly consumed by fire. Both wings separated from the airplane, but their respective flaps and ailerons remained attached. The empennage remained intact with the rudder and elevator still attached. The flaps and landing gear were retracted. Flight control continuity was confirmed from all flight control surfaces to the cockpit area. Measurement of the two elevator trim actuators corresponded to a 5° trim tab down (nose-up) position.

The engine came to rest upright, separated from the airframe. The three propeller blades separated from the hub. One blade was consumed by fire about 12 inches outboard of the root. Another blade exhibited fire damage, s-bending, chordwise scratching and leading-edge gouging. The third propeller blade exhibited s-bending, chordwise scratching and leading-edge gouging.

A copy of doorbell video footage was forwarded to the National Transportation Safety Board Vehicle Recorders Laboratory, Washington, DC.

Aircraft and Owner/Operator Information

Aircraft Make:	Beech	Registration:	N6129V
Model/Series:	35-C33	Aircraft Category:	Airplane
Amateur Built:			
Operator:	On file	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:	KDYL, 393 ft msl	Observation Time:	16:54 Local
Distance from Accident Site:	7 Nautical Miles	Temperature/Dew Point:	1° C / -9° C
Lowest Cloud Condition:		Wind Speed/Gusts, Direction:	/ ,
Lowest Ceiling:	Overcast / 3900 ft AGL	Visibility:	10 miles
Altimeter Setting:	30.39 inches Hg	Type of Flight Plan Filed:	None
Departure Point:	Doylestown, PA (DYL)	Destination:	Hilltown Township, PA

Wreckage and Impact Information

Crew Injuries:	2 Fatal	Aircraft Damage:	Destroyed
Passenger Injuries:		Aircraft Fire:	On-ground
Ground Injuries:		Aircraft Explosion:	None
Total Injuries:	2 Fatal	Latitude, Longitude:	40.347778, -75.278889

Administrative Information

Investigator In Charge (IIC):	Gretz, Robert
Additional Participating Persons:	Michael Reichert; FAA; Allentown, PA Earnest Hall; Textron; Wichita, KS
Note:	