



National Transportation Safety Board Aviation Accident Preliminary Report

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|--------------------------------|--------------------------------------|-------------------------|------------|
| Location: | East Brady, PA | Accident Number: | ERA19LA252 |
| Date & Time: | 08/20/2019, 1430 EDT | Registration: | N90AP |
| Aircraft: | Piper PA 31P | Injuries: | 1 None |
| Flight Conducted Under: | Part 91: General Aviation - Personal | | |

On August 20, 2019, at 1430 eastern daylight time, a Piper PA-31P, N90AP, was substantially damaged during a forced landing in East Brady, Pennsylvania. The private pilot was not injured. Visual meteorological conditions prevailed, and no flight plan was filed for the personal flight that was conducted under the provisions of Title 14 Code of Federal Regulations Part 91. The flight departed Doylestown Airport (DYL), Doylestown, Pennsylvania, destined for Lewis University Airport (LOT), Chicago, Illinois.

The pilot stated that the airplane was en route when the left engine experienced a total loss of power. He subsequently performed a forced landing to a field. During the landing, the airplane impacted an electric fence, trees and came to rest 180° from the direction of travel.

Initial examination of the wreckage by a Federal Aviation Administration (FAA) inspector revealed that the landing gear had separated and damage was observed to the right aileron, right wing tip, elevator, and left aileron.

The wreckage was retained for further examination.

The pilot held a private pilot certificate with ratings for airplane single- and multiengine land and instrument airplane. His most recent FAA first class medical certificate was issued October 8, 2018. He reported 1,400 hours of flight experience on that date.

According to FAA records, the airplane was manufactured in 1973 and was powered by two Lycoming TIGO-541, 425-horsepower engines.

At 1430, the weather recorded at Pittsburg/Butler Regional Airport (BTP), Butler, Pennsylvania, 16 miles southwest of the accident site included wind calm, visibility 10 statute miles, scattered clouds at 4,100 ft, broken clouds at 6,000 ft, temperature 29°C, dew point was 21°C and an altimeter setting of 30.09 inches of mercury.

Aircraft and Owner/Operator Information

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|-----------------------|-------------------|---------------------------------------|----------|
| Aircraft Make: | Piper | Registration: | N90AP |
| Model/Series: | PA 31P Undesignat | Aircraft Category: | Airplane |
| Amateur Built: | No | | |
| Operator: | On file | Operating Certificate(s) Held: | None |

Meteorological Information and Flight Plan

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|---|-------------------------|-------------------------------------|------------------------------|
| Conditions at Accident Site: | Visual Conditions | Condition of Light: | Day |
| Observation Facility, Elevation: | KBTP, 1247 ft msl | Observation Time: | 1830 UTC |
| Distance from Accident Site: | 16 Nautical Miles | Temperature/Dew Point: | 29° C / 21° C |
| Lowest Cloud Condition: | Scattered / 4100 ft agl | Wind Speed/Gusts, Direction: | Calm / , |
| Lowest Ceiling: | Broken / 6000 ft agl | Visibility: | 10 Miles |
| Altimeter Setting: | 30.09 inches Hg | Type of Flight Plan Filed: | None |
| Departure Point: | Doylestown, PA (DYL) | Destination: | Chicago/Romeoville, IL (LOT) |

Wreckage and Impact Information

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|----------------------------|--------|-----------------------------|-----------------------|
| Crew Injuries: | 1 None | Aircraft Damage: | Substantial |
| Passenger Injuries: | N/A | Aircraft Fire: | None |
| Ground Injuries: | N/A | Aircraft Explosion: | None |
| Total Injuries: | 1 None | Latitude, Longitude: | 40.931111, -79.662222 |

Administrative Information

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| Investigator In Charge (IIC): | Millicent M Hill |
| Additional Participating Persons: | Josh Albrecht; FAA/FSDO; Allegheny, PA |
| Note: | The NTSB did not travel to the scene of this accident. |