



National Transportation Safety Board Aviation Accident Preliminary Report

Location:	Hollywood, FL	Accident Number:	ERA16FA309
Date & Time:	09/03/2016, 0952 EDT	Registration:	N6091E
Aircraft:	CESSNA 172	Injuries:	2 Fatal
Flight Conducted Under:	Part 91: General Aviation - Personal		

On September 3, 2016 about 0952 eastern daylight time, a Cessna 172N, N6091E, was destroyed when it impacted the Atlantic Ocean, while maneuvering near Hollywood, Florida. The private pilot and pilot rated passenger were fatally injured. The airplane departed from Pompano Beach Airpark (PMP), Pompano Beach, Florida, and was destined for Ocean Reef Club Airport (07FA), Key Largo, Florida. The airplane was owned by Volux Aviation LLC, and operated by a private individual. Visual meteorological conditions prevailed and no flight plan was filed for the personal flight conducted under the provisions of 14 Code of Federal Regulations Part 91.

While transitioning along the shoreline, the pilot contacted air traffic control and requested to fly below 500 feet above ground level. The air traffic controller approved the request but advised the pilot of "heavy Precipitation at the 12 o'clock position and 4 miles ahead," and further stated "you should turn left and go off shore 3 miles to avoid the thunderstorm." The pilot acknowledged the communication by stating "roger" and 3 minutes later the pilot reported "I am turning back to the north." The air traffic controller approved the turn and no further communications were received from the accident airplane.

The wreckage was subsequently located about 2 miles east of the Hollywood shoreline, submerged in the Atlantic Ocean in about 15 feet of water. The airplane was recovered and the wings exhibited accordion crushing from leading edge to trailing edge. Flight control cable continuity was established from the cockpit area to all flight control surfaces. The measurement of the elevator trim actuator corresponded to a nose-down trim. Engine valve train continuity was verified and thumb compression was established by rotating the propeller.

The pilot held a private pilot certificate with a rating for airplane single-engine land. His most recent Federal Aviation Administration third-class medical certificate was issued on July 6, 2015. At that time, he reported a total flight experience of 795 hours.

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	CESSNA	Registration:	N6091E
Model/Series:	172 N	Aircraft Category:	Airplane
Amateur Built:	No		
Operator:	On file	Air Carrier Operating Certificate:	None

Meteorological Information and Flight Plan

Observation Facility, Elevation:	FLL, 11 ft msl	Observation Time:	0953 EDT
Lowest Cloud Condition:	Scattered / 1500 ft agl	Conditions at Accident Site:	Visual Conditions
Lowest Ceiling:	Broken / 10000 ft agl	Temperature/Dew Point:	27° C / 23° C
Wind Speed/Gusts, Direction:	10 knots, 150°	Visibility	10 Miles
Altimeter Setting:	30.06 inches Hg	Type of Flight Plan Filed:	None
Departure Point:	POMPANO BEACH, FL (PMP)	Destination:	KEY LARGO, FL (07FA)

Wreckage and Impact Information

Crew Injuries:	1 Fatal	Aircraft Damage:	Destroyed
Passenger Injuries:	1 Fatal	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 Fatal		

Administrative Information

Investigator In Charge (IIC):	Daniel P Boggs
Additional Participating Persons:	Jaun Garcia; FAA-FSDO; Miami, FL
Note:	The NTSB traveled to the scene of this accident.