



National Transportation Safety Board Aviation Accident Data Summary

Location:	Pompano Beach, FL	Accident Number:	ERA12LA058
Date & Time:	11/01/2011, 1735 EDT	Registration:	N739JN
Aircraft:	CESSNA 172N	Injuries:	2 Minor
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

According to the pilot, while the airplane was descending on final approach, the throttle control became unresponsive. Although multiple settings were attempted, the engine remained at idle rpm, and the pilot made a forced landing on a road. The airplane collided with a lightpost and sustained substantial damage to the fuselage. Although initial examination of the engine did not reveal any preimpact mechanical anomalies that would have precluded normal operation, further examination revealed that the throttle cable had separated from its housing/end fitting. As a result, the throttle cable could not actuate the carburetor control, and the engine remained at idle rpm. A review of the airframe and engine logbooks revealed that the throttle cable was not maintained correctly and was never maintained in accordance with the manufacturer's service manual.

Flight Events

Approach-VFR pattern final - Loss of engine power (partial)
Emergency descent - Off-field or emergency landing
Landing-landing roll - Collision with terr/obj (non-CFIT)

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The separation of the throttle cable from its fitting, which resulted in an inability to control engine power. Contributing to the accident was the inadequate maintenance by the owner.

Findings

Aircraft-Aircraft power plant-Engine fuel and control-Fuel control/carburetor-Malfunction - C
Personnel issues-Task performance-Maintenance-Scheduled/routine maintenance-Owner/builder - F

Pilot Information

Certificate:	Flight Instructor; Commercial	Age:	27
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	Airplane Single-engine
Flight Time:	3000 hours (Total, all aircraft), 1500 hours (Total, this make and model), 2800 hours (Pilot In Command, all aircraft), 220 hours (Last 90 days, all aircraft), 80 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	CESSNA	Registration:	N739JN
Model/Series:	172N	Engines:	1 Reciprocating
Operator:	AIRCRAFT LEASING N739JN LLC	Engine Manufacturer:	LYCOMING
Air Carrier Operating Certificate:	None	Engine Model/Series:	O-320 SERIES
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Observation Facility, Elevation:	PMP, 19 ft msl	Weather Information Source:	Weather Observation Facility
Conditions at Accident Site:	Visual Conditions	Lowest Ceiling:	Broken / 4200 ft agl
Condition of Light:	Day	Wind Speed/Gusts, Direction:	16 knots, 20°
Temperature:	26°C / 21°C	Visibility	10 Miles
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Fort Lauderdale, FL (FXE)	Destination:	Pompano Beach, FL (PMP)

Airport Information

Airport:	Pompano Beach Airpark (PMP)	Runway Surface Type:	
Runway Used:	N/A	Runway Surface Condition:	
Runway Length/Width:			

Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Substantial
Passenger Injuries:	1 Minor	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None

Administrative Information

Investigator In Charge (IIC):	Eric Alleyne	Adopted Date:	07/18/2013
Investigation Docket:	http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=82220		

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