



National Transportation Safety Board Aviation Accident Data Summary

Location:	Kansas City, MO	Accident Number:	CEN15CA158
Date & Time:	03/01/2015, 1900 CST	Registration:	N1513J
Aircraft:	PIPER PA 28-140	Injuries:	1 Minor, 1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

Shortly after takeoff, following a touch and go landing, the engine sputtered and lost power. The left wing and empennage were substantially damaged during the forced landing. An examination of the airplane, engine, and related systems revealed no anomalies. The left fuel tank was empty and the right fuel tank contained 10 gallons of fuel. The pilot wrote that the loss of engine power was the result of fuel starvation.

Flight Events

Takeoff - Fuel starvation
Takeoff - Loss of engine power (total)
Landing-flare/touchdown - Dragged wing/rotor/float/other

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:
The loss of engine power due to fuel starvation.

Findings

Aircraft-Fluids/misc hardware-Fluids-Fuel-Fluid management - C
Personnel issues-Task performance-Use of equip/info-Use of available resources-Pilot - C

Pilot Information

Certificate:	Private	Age:	35
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	97 hours (Total, all aircraft), 3 hours (Total, this make and model), 97 hours (Pilot In Command, all aircraft), 5 hours (Last 90 days, all aircraft), 5 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	PIPER	Registration:	N1513J
Model/Series:	PA 28-140 140	Engines:	1 Reciprocating
Operator:	On file	Engine Manufacturer:	LYCOMING
Air Carrier Operating Certificate:	None	Engine Model/Series:	0-320-E2A
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Observation Facility, Elevation:	KMKC, 756 ft msl	Weather Information Source:	Weather Observation Facility
Conditions at Accident Site:	Visual Conditions	Lowest Ceiling:	None
Condition of Light:	Dusk	Wind Speed/Gusts, Direction:	3 knots, 320°
Temperature:	0°C / 6°C	Visibility	10 Miles
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Mosby, MO (KGPH)	Destination:	Mosby, MO (KGPH)

Airport Information

Airport:	Charles B Wheeler Downtown Apt (KMKC)	Runway Surface Type:	N/A
Runway Used:	N/A	Runway Surface Condition:	
Runway Length/Width:			

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	Jennifer Rodi	Adopted Date:	04/21/2015
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=90805		

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