



National Transportation Safety Board Aviation Accident Data Summary

Location:	Ingalls, IN	Accident Number:	CEN13CA250
Date & Time:	05/01/2013, 0830 EDT	Registration:	N1568Y
Aircraft:	BEECH A36	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The pilot departed on a 1 hour 50 minute cross country flight with about 30 gallons of fuel in each wing tank (about 27 gallons usable fuel per side). The flight was uneventful until the pilot started a descent from 8,000 feet to 3,000 feet; the engine then made "two pops" and "quit." The pilot said the engine didn't run rough; "it just stopped." He made several attempts to re-start the engine but was unsuccessful. The pilot declared an emergency and landed in a field. Upon landing, the nose gear dug into the dirt and separated from the airplane. The right wing rear spar fractured during the landing; however, both wing fuel tanks were undamaged. About 1 quart of fuel was drained from the left wing tank, and the right wing tank contained about 30 gallons of fuel. The pilot could not recall where the fuel selector was positioned at the time of the power loss. Examination of the engine and fuel system revealed no mechanical anomalies that would have precluded normal operation. It is likely that the pilot was feeding fuel to the engine from the left wing tank and did not switch to the right wing tank before the engine lost power or during the attempted restart.

Flight Events

Enroute-descent - Loss of engine power (total)
Enroute-descent - Fuel starvation
Emergency descent - Loss of engine power (total)

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:
The pilot's improper fuel management, which resulted in a loss of engine power due to fuel starvation.

Findings

Aircraft-Fluids/misc hardware-Fluids-Fuel-Fluid management - C
Personnel issues-Task performance-Planning/preparation-Fuel planning-Pilot - C

Pilot Information

Certificate:	Private	Age:	46
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	382 hours (Total, all aircraft), 232 hours (Total, this make and model), 2 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	BEECH	Registration:	N1568Y
Model/Series:	A36	Engines:	1 Reciprocating
Operator:	WV AVIATION LLC	Engine Manufacturer:	CONT MOTOR
Air Carrier Operating Certificate:	None	Engine Model/Series:	IO-550 SERIES
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Observation Facility, Elevation:	KAID, 919 ft msl	Weather Information Source:	Weather Observation Facility
Conditions at Accident Site:	Visual Conditions	Lowest Ceiling:	
Condition of Light:	Day	Wind Speed/Gusts, Direction:	6 knots, 170°
Temperature:	18°C / 13°C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	Clarksburg, WV (CKB)	Destination:	Indianapolis, IN (UMP)

Airport Information

Airport:	None	Runway Surface Type:	
Runway Used:	N/A	Runway Surface Condition:	
Runway Length/Width:			

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	Leah D Yeager	Adopted Date:	07/23/2013
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=86784		

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