



National Transportation Safety Board Aviation Accident Data Summary

Location:	Cameron, SC	Accident Number:	ERA09LA151
Date & Time:	02/01/2009, 1530 EST	Registration:	N3066E
Aircraft:	AERONCA 7AC	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The pilot reported that he had been flying for about 1 hour, and was at an altitude of 800 feet mean sea level, when the engine began to run rough. The pilot elected to perform a precautionary off-airport landing to a nearby cotton field. During the subsequent landing roll, the airplane nosed over and sustained substantial damage to the firewall and vertical stabilizer. Examination of the engine, which included a test run, did not reveal any preimpact malfunctions. A weather observation taken at an airport located about 30 miles southeast of the accident site, about the time of the accident, included a temperature of 16 degrees Celsius (C) and a dew point of -4 degrees C. The pilot did not use the carburetor heat control after experiencing the engine roughness; however, atmospheric conditions at the time were not conducive to the formation of carburetor ice.

Flight Events

Enroute-cruise - Loss of engine power (partial)
Emergency descent - Off-field or emergency landing
Landing-landing roll - Nose over/nose down

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:
A loss of engine power for undetermined reasons.

Findings

Not determined-Not determined-(general)-(general)-Unknown/Not determined - C

Pilot Information

Certificate:	Commercial	Age:	56
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	800 hours (Total, all aircraft), 200 hours (Total, this make and model), 8 hours (Last 90 days, all aircraft), 4 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	AERONCA	Registration:	N3066E
Model/Series:	7AC	Engines:	1 Reciprocating
Operator:	On file	Engine Manufacturer:	CONT MOTOR
Air Carrier Operating Certificate:	None	Engine Model/Series:	A-65-8
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Observation Facility, Elevation:	CUB, 193 ft msl	Weather Information Source:	Weather Observation Facility
Conditions at Accident Site:	Visual Conditions	Lowest Ceiling:	None
Condition of Light:	Day	Wind Speed/Gusts, Direction:	11 knots, 200°
Temperature:	16° C / -4° C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	Columbia, SC (CUB)	Destination:	Columbia, SC (CUB)

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):	Luke Schiada	Adopted Date:	07/28/2009
Investigation Docket:	NTSB accident and incident dockets serve as permanent archival information for the NTSB's investigations. Dockets released prior to June 1, 2009 are publicly available from the NTSB's Record Management Division at pubinq@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .		

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