



National Transportation Safety Board Aviation Accident Data Summary

Location:	Melbourne, AR	Accident Number:	CEN13CA084
Date & Time:	12/01/2012, 0845 CST	Registration:	N63MY
Aircraft:	AMERICAN CHAMPION AIRCRAFT 8KCAB	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

According to the pilot, the touchdown was on-speed, and she made a three-point landing. During the landing roll, the airplane seemed to weathervane to the right side of the runway, so the pilot applied left rudder. The airplane veered to the left and departed the paved runway at a slow speed. As the airplane exited the runway, the right main landing gear collapsed, which resulted in the right wing contacting the ground, which resulted in substantial damage to the wing structure. The pilot reported no preimpact mechanical malfunctions with the airplane that would have precluded normal operation.

Flight Events

Landing-landing roll - Abrupt maneuver
Landing-landing roll - Attempted remediation/recovery
Landing-landing roll - Dragged wing/rotor/float/other
Landing-landing roll - Landing gear collapse

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:
The pilot's failure to maintain directional control of the airplane during the landing.

Findings

Aircraft-Aircraft oper/perf/capability-Performance/control parameters-Directional control-Not attained/maintained - C
Personnel issues-Action/decision-Action-Incorrect action performance-Pilot - C

Pilot Information

Certificate:	Private	Age:	57
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	147 hours (Total, all aircraft), 7 hours (Total, this make and model), 147 hours (Pilot In Command, all aircraft), 12 hours (Last 90 days, all aircraft), 11 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	AMERICAN CHAMPION AIRCRAFT	Registration:	N63MY
Model/Series:	8KCAB	Engines:	2 Reciprocating
Operator:	Christine Dawe	Engine Manufacturer:	LYCOMING
Air Carrier Operating Certificate:	None	Engine Model/Series:	AEIO-360-H1B
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Observation Facility, Elevation:		Weather Information Source:	Pilot
Conditions at Accident Site:	Visual Conditions	Lowest Ceiling:	None
Condition of Light:	Day	Wind Speed/Gusts, Direction:	Light and Variable, Variable
Temperature:	16 °C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	Melbourne, AR (42A)	Destination:	Melbourne, AR (42A)

Airport Information

Airport:	John E. Miller Field (42A)	Runway Surface Type:	Asphalt
Runway Used:	21	Runway Surface Condition:	Dry
Runway Length/Width:	4002 ft / 75 ft		

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	Stuart E Bothwell	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=85715		

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