



National Transportation Safety Board Aviation Accident Data Summary

Location:	Sugar Land, TX	Accident Number:	CEN11CA450
Date & Time:	07/02/2011, 1500 CDT	Registration:	N79RA
Aircraft:	AMERICAN CHAMPION AIRCRAFT 7GCBC	Injuries:	1 Minor, 1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

Following a cross-country flight, the pilot lost directional control of the tailwheel-equipped airplane during the landing roll. The airplane exited the side of the runway and ground-looped before coming to rest in an upright position. During the ground-loop, the right wheel broke off and the right wing sustained substantial damage when it impacted the ground. The pilot reported no preimpact mechanical malfunctions or failures with the airplane that would have precluded normal operation.

Flight Events

Landing-landing roll - Loss of control on ground
Landing-landing roll - Runway excursion

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 during landing.

Findings

Aircraft-Aircraft oper/perf/capability-Performance/control parameters-Directional control-Not attained/maintained - C
Personnel issues-Task performance-Use of equip/info-Aircraft control-Pilot - C

Pilot Information

Certificate:	Private	Age:	45
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	248 hours (Total, all aircraft), 33 hours (Total, this make and model), 177 hours (Pilot In Command, all aircraft), 13 hours (Last 90 days, all aircraft), 4 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	AMERICAN CHAMPION AIRCRAFT	Registration:	N79RA
Model/Series:	7GCBC	Engines:	1 Reciprocating
Operator:	Anson Air LLC	Engine Manufacturer:	LYCOMING
Air Carrier Operating Certificate:	None	Engine Model/Series:	O-320-B2B
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:	6 knots, 130°
Temperature:	36° C / 19° C	Visibility	10 Miles
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Spring, TX (DWH)	Destination:	Sugar Land, TX (SGR)

Airport Information

Airport:	Sugar Land Regional (SGR)	Runway Surface Type:	Concrete
Runway Used:	17	Runway Surface Condition:	Dry
Runway Length/Width:	8000 ft / 100 ft		

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	Timothy LeBaron	Adopted Date:	10/17/2011
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=80997		

The National Transportation Safety Board (NTSB), established in 1967, is an independent federal agency mandated by Congress through the Independent Safety Board Act of 1974 to investigate transportation accidents, determine the probable causes of the accidents, issue safety recommendations, study transportation safety issues, and evaluate the safety effectiveness of government agencies involved in transportation. The NTSB makes public its actions and decisions through accident reports, safety studies, special investigation reports, safety recommendations, and statistical reviews.

The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report.