

 <b>National Transportation Safety Board</b> <b>FACTUAL REPORT</b> <b>AVIATION</b>		NTSB ID: DEN02LA058		Aircraft Registration Number: N83DH	
		Occurrence Date: 06/24/2002		Most Critical Injury: None	
		Occurrence Type: Accident		Investigated By: NTSB	
<b>Location/Time</b>					
Nearest City/Place Giddings	State TX	Zip Code 78942	Local Time 1100	Time Zone CDT	
Airport Proximity: On Airport		Distance From Landing Facility:		Direction From Airport:	
<b>Aircraft Information Summary</b>					
Aircraft Manufacturer American Champion (ACAC)		Model/Series 8KCAB		Type of Aircraft Airplane	
Sightseeing Flight:			Air Medical Transport Flight:		
<b>Narrative</b>					
<p>Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:</p> <p>On June 24, 2002, at approximately 1100 central daylight time, a American Champion 8KCAB (Decathlon), N83DH, was substantially damaged during a ground loop on landing roll at Giddings-Lee County Airport, Giddings, Texas. The private pilot, the sole occupant on board, was not injured. The pilot/owner was operating the airplane under Title 14 CFR Part 91. Visual meteorological conditions prevailed for the cross-country flight that had originated from Weiser Airpark, Houston, Texas, approximately 45 minutes before the accident. The pilot had not filed a flight plan.</p> <p>The pilot said that he was landing on runway 17, and the airplane suddenly veered "hard" to the right and exited the runway. The left main axle support structure failed, and the left main wheel separated from the airplane. The left strut dug into the ground, and the airplane came to rest on its left wing. The outer 6 feet of the left wing was bent up approximately 35 degrees, and the left side of the elevator was bent.</p> <p>The pilot estimated the wind, at the time of the accident, to be 240 degrees at 3 to 5 knots.</p>					
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<b>Landing Facility/Approach Information</b>					
Airport Name	Airport ID:	Airport Elevation	Runway Used	Runway Length	Runway Width
Giddings-Lee County Arpt	62H	486 Ft. MSL	17	3998	75
Runway Surface Type: Asphalt					
Runway Surface Condition:					
Type Instrument Approach: Unknown					
VFR Approach/Landing: Full Stop					
<b>Aircraft Information</b>					
Aircraft Manufacturer		Model/Series		Serial Number	
American Champion (ACAC)		8KCAB		786-96	
Airworthiness Certificate(s): Acrobatic; Normal					
Landing Gear Type: Tailwheel					
Homebuilt Aircraft? No	Number of Seats: 2	Certified Max Gross Wt.	1800 LBS	Number of Engines: 1	
Engine Type:	Engine Manufacturer:	Model/Series:	Rated Power:		
Reciprocating	Lycoming	AEIO-360 H1B	180 HP		
- Aircraft Inspection Information					
Type of Last Inspection	Date of Last Inspection	Time Since Last Inspection	Airframe Total Time		
Annual	06/2002	2 Hours	166 Hours		
- Emergency Locator Transmitter (ELT) Information					
ELT Installed? Yes	ELT Operated? No	ELT Aided in Locating Accident Site? No			
<b>Owner/Operator Information</b>					
Registered Aircraft Owner		Street Address			
Richard E. Hoffman		City		State	Zip Code
		Houston		TX	77008
Operator of Aircraft		Street Address			
Same as Reg'd Aircraft Owner		Same as Reg'd Aircraft Owner			
		City		State	Zip Code
Operator Does Business As:			Operator Designator Code:		
- Type of U.S. Certificate(s) Held: None					
Air Carrier Operating Certificate(s):					
Operating Certificate:			Operator Certificate:		
Regulation Flight Conducted Under: Part 91: General Aviation					
Type of Flight Operation Conducted: Personal					

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**First Pilot Information**

Name On File	City On File	State On File	Date of Birth On File	Age 53
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Sex: M	Seat Occupied: Front	Principal Profession: Unknown	Certificate Number: On File
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Certificate(s): Private

Airplane Rating(s): Single-engine Land

Rotorcraft/Glider/LTA: None

Instrument Rating(s): None

Instructor Rating(s): None

Type Rating/Endorsement for Accident/Incident Aircraft? Yes	Current Biennial Flight Review? 06/2002
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Medical Cert.: Class 1	Medical Cert. Status: Valid Medical--no waivers/lim.	Date of Last Medical Exam: 11/2001
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- Flight Time Matrix	All A/C	This Make and Model	Airplane Single Engine	Airplane Multi-Engine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air
						Actual	Simulated			
Total Time	563	320	563							
Pilot In Command(PIC)	471	290	471							
Instructor										
Last 90 Days	5	5	5							
Last 30 Days	2	2	2							
Last 24 Hours	1	1	1							

Seatbelt Used? Yes	Shoulder Harness Used? Yes	Toxicology Performed? No	Second Pilot?
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**Flight Plan/Itinerary**

Type of Flight Plan Filed: None

Departure Point Houston	State TX	Airport Identifier EYQ	Departure Time 1015	Time Zone CDT
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Destination Same as Accident/Incident Location	State	Airport Identifier 62H	
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Type of Clearance: None

Type of Airspace: Class E

**Weather Information**

Source of Briefing: Commercial Weather Service

Method of Briefing: Telephone

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**Weather Information**

WOF ID	Observation Time	Time Zone	WOF Elevation	WOF Distance From Accident Site	Direction From Accident Site
CLL	1153	CDT	321 Ft. MSL	40 NM	40 Deg. Mag.

Sky/Lowest Cloud Condition: Few	4200 Ft. AGL	Condition of Light: Day
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Lowest Ceiling: None	Ft. AGL	Visibility: 10	SM	Altimeter: 30.03	"Hg
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Temperature: 30 °C	Dew Point: 19 °C	Wind Direction:	Density Altitude: Ft.
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Wind Speed: 3	Gusts:	Weather Conditions at Accident Site: Visual Conditions
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Visibility (RVR): Ft.	Visibility (RVV) SM	Intensity of Precipitation:
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Restrictions to Visibility: None

Type of Precipitation: None

**Accident Information**

Aircraft Damage: Substantial	Aircraft Fire: None	Aircraft Explosion: None
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Classification: U.S. Registered/U.S. Soil

- Injury Summary Matrix	Fatal	Serious	Minor	None	TOTAL
First Pilot				1	1
Second Pilot					
Student Pilot					
Flight Instructor					
Check Pilot					
Flight Engineer					
Cabin Attendants					
Other Crew					
Passengers					
- TOTAL ABOARD -				1	1
Other Ground					
- GRAND TOTAL -				1	1

National Transportation Safety Board

**FACTUAL REPORT**

**AVIATION**



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Occurrence Type: Accident

Administrative Information

Investigator-In-Charge (IIC)

James F. Struhsaker

Additional Persons Participating in This Accident/Incident Investigation:

Gary Painton  
Federal Aviation Administration  
Houston, TX 77059