



## National Transportation Safety Board Aviation Accident Factual Report

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<b>Location:</b>	BRISTOW, OK	<b>Accident Number:</b>	FTW01LA045
<b>Date &amp; Time:</b>	01/04/2001, 1500 CST	<b>Registration:</b>	N68472
<b>Aircraft:</b>	Cessna 152	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 None

**Flight Conducted Under:** Part 91: General Aviation - Instructional

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On January 4, 2001, at 1500 central standard time, a Cessna 152, single-engine airplane, N68472, sustained substantial damage when the left main landing gear struck a snow bank during the landing flare/touchdown on runway 17 at the Jones Memorial Airport, Bristow, Oklahoma. The airplane was owned by Christiansen Aviation at Tulsa, Oklahoma, and operated by the Oklahoma State University, at Stillwater, Oklahoma, under 14 Code of Federal Regulations Part 91. The student pilot, sole occupant, was not injured. Visual meteorological conditions prevailed for the instructional flight, and a visual flight rules (VFR) flight plan was filed. The cross-country flight departed Shawnee, Oklahoma, at 1345.

The pilot reported that a "slight crosswind from approximately 180 degrees kept me left of course to touchdown." At touchdown, the airplane continued left until the "left main [landing gear] hit the snow bank." The airplane veered off the runway into the grass. The pilot applied full power for a soft field takeoff "but it didn't work." The airplane nosed down, the left wing and propeller struck the ground, and the airplane returned to a level attitude before coming to rest.

The operator's personnel responding to the accident site, found the left wing bent and crumpled with structural damage to the main spar. The operator reported the wind from the south at 10 knots.

## Pilot Information

<b>Certificate:</b>	Student	<b>Age:</b>	23, Male
<b>Airplane Rating(s):</b>	None	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	Seatbelt, Shoulder harness
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 3 Valid Medical--no waivers/lim.	<b>Last FAA Medical Exam:</b>	08/31/2000
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	34 hours (Total, all aircraft), 33 hours (Total, this make and model), 2 hours (Pilot In Command, all aircraft), 21 hours (Last 90 days, all aircraft), 4 hours (Last 30 days, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Cessna	<b>Registration:</b>	N68472
<b>Model/Series:</b>	152 152	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	No
<b>Airworthiness Certificate:</b>	Normal; Utility	<b>Serial Number:</b>	15282308
<b>Landing Gear Type:</b>	Tricycle	<b>Seats:</b>	2
<b>Date/Type of Last Inspection:</b>	10/09/2000, 100 Hour	<b>Certified Max Gross Wt.:</b>	1650 lbs
<b>Time Since Last Inspection:</b>	95.2 Hours	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	5428.8 Hours as of last inspection	<b>Engine Manufacturer:</b>	Lycoming
<b>ELT:</b>	Installed, not activated	<b>Engine Model/Series:</b>	O-235-L2C
<b>Registered Owner:</b>	Christiansen Aviation	<b>Rated Power:</b>	110 hp
<b>Operator:</b>	OKLAHOMA STATE UNIVERSITY	<b>Operating Certificate(s) Held:</b>	None
<b>Operator Does Business As:</b>		<b>Operator Designator Code:</b>	GH8S

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:		Distance from Accident Site:	
Observation Time:		Direction from Accident Site:	
Lowest Cloud Condition:	Clear	Visibility	10 Miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	10 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	210°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	-12°C
Precipitation and Obscuration:			
Departure Point:	SHAWNEE, OK (SNL)	Type of Flight Plan Filed:	VFR
Destination:	BRISTOW, OK (3F7)	Type of Clearance:	VFR
Departure Time:	1345 CST	Type of Airspace:	Class E

## Airport Information

Airport:	Jones Memorial (3F7)	Runway Surface Type:	Asphalt
Airport Elevation:	851 ft	Runway Surface Condition:	Dry
Runway Used:	17	IFR Approach:	None
Runway Length/Width:	3400 ft / 45 ft	VFR Approach/Landing:	Full Stop

## 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
Total Injuries:	1 None	Latitude, Longitude:	35.144722, -96.425278

## Administrative Information

Investigator In Charge (IIC):	JOYCE ROACH
Additional Participating Persons:	BYRON R WALTON; FAA FSDO; Oklahoma City, OK
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 <a href="mailto:pubinq@ntsb.gov">pubinq@ntsb.gov</a> , or at 800-877-6799. Dockets released after this date are available at <a href="http://dms.nts.gov/pubdms/">http://dms.nts.gov/pubdms/</a> .