



National Transportation Safety Board Aviation Accident Data Summary

Location:	Oshkosh, WI	Accident Number:	CEN12CA510
Date & Time:	08/01/2012, 0015 CDT	Registration:	N462TR
Aircraft:	CESSNA 172S	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

The airplane was on final approach to land after the completion of a local night instructional flight. The flight instructor was to demonstrate the proper pitch attitude and sight picture needed for a landing at night. On short final, just before touchdown, the airplane drifted off of the runway centerline to the left. Upon touchdown the airplane was still moving toward the left side of the runway. The instructor stated that with the low energy state of the airplane there was not enough room to perform a go-around safely. The airplane then exited the runway as he applied flight control inputs to correct back to the centerline. Upon exiting the runway, the airplane impacted a runway light on the lower portion of the right wing strut attach point, resulting in structural damage to the strut. The instructor reported that the accident could have been prevented if positive control was maintained during the landing phase of the flight.

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 flight instructor's loss of directional control during landing, which resulted in a collision with a runway light.

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
Environmental issues-Physical environment-Object/animal/substance-Runway/taxi/approach light-Contributed to outcome

Flight Instructor Information

Certificate:	Flight Instructor; Commercial	Age:	31
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	Airplane Multi-engine; Airplane Single-engine; Instrument Airplane
Flight Time:	(Estimated) 744 hours (Total, all aircraft), 580 hours (Total, this make and model), 692 hours (Pilot In Command, all aircraft), 149 hours (Last 90 days, all aircraft), 44 hours (Last 30 days, all aircraft), 5 hours (Last 24 hours, all aircraft)		

Student Pilot Information

Certificate:	Student	Age:	30
Airplane Rating(s):	None	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	46 hours (Total, all aircraft), 46 hours (Total, this make and model), 10 hours (Pilot In Command, all aircraft), 46 hours (Last 90 days, all aircraft), 23 hours (Last 30 days, all aircraft), 5 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	CESSNA	Registration:	N462TR
Model/Series:	172S	Engines:	1 Reciprocating
Operator:	Fox Valley Technical College	Engine Manufacturer:	LYCOMING
Air Carrier Operating Certificate:	None	Engine Model/Series:	IO-360-L2A
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Meteorological Information and Flight Plan

Observation Facility, Elevation:	OSH, 808 ft msl	Weather Information Source:	Weather Observation Facility
Conditions at Accident Site:	Visual Conditions	Lowest Ceiling:	None
Condition of Light:	Night/Dark	Wind Speed/Gusts, Direction:	3 knots, 170°
Temperature:	19°C / 17°C	Visibility	7 Miles
Precipitation and Obscuration:			
Departure Point:	Oshkosh, WI (OSH)	Destination:	Oshkosh, WI (OSH)

Airport Information

Airport:	Wittman Regionl Airport (OSH)	Runway Surface Type:	Asphalt
Runway Used:	18	Runway Surface Condition:	Dry
Runway Length/Width:	8002 ft / 150 ft		

Wreckage and Impact Information

Crew Injuries:	2 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None

Administrative Information

Investigator In Charge (IIC):	Alexander Lemishko	Adopted Date:	02/12/2013
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=84557		

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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.