



National Transportation Safety Board Aviation Accident Data Summary

Location:	Wabash, IN	Accident Number:	CEN11CA004
Date & Time:	10/01/2010, 1830 EDT	Registration:	N2140E
Aircraft:	CESSNA 172N	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

The certificated flight instructor (CFI) and student had been practicing touch-and-go landings and were planning a full-stop landing. The airplane touched down on the grass airstrip slightly faster than normal and approximately 100 feet beyond the approach end of the runway. The CFI took authority of the airplane's controls and applied brakes. As the airplane approached the end of the runway, the CFI applied left rudder to avoid a ditch in front of the airplane. Subsequently, the right main landing gear went into the ditch and the airplane flipped over. Postaccident examination of the airplane revealed that the vertical stabilizer and rudder were bent. The CFI reported that there were no preimpact mechanical anomalies with the airplane. He further stated that they should have landed on the adjacent asphalt runway or performed a go-around after overshooting the final approach leg during the landing.

Flight Events

Landing - Landing area overshoot
Landing-landing roll - Collision with terr/obj (non-CFIT)

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The student pilot's failure to maintain proper airspeed during the landing and certificated flight instructor's failure to execute a go-around.

Findings

Aircraft-Aircraft oper/perf/capability-Performance/control parameters-Airspeed-Not attained/maintained - C
Personnel issues-Action/decision-Info processing/decision-Decision making/judgment-Instructor/check pilot - C

Flight Instructor Information

Certificate:	Flight Instructor; Commercial	Age:	74
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	Airplane Single-engine; Instrument Airplane
Flight Time:	9240 hours (Total, all aircraft), 3000 hours (Total, this make and model), 8925 hours (Pilot In Command, all aircraft), 50 hours (Last 90 days, all aircraft), 16 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Student Pilot Information

Certificate:	Student	Age:	60
Airplane Rating(s):	None	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	7 hours (Total, all aircraft), 7 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	CESSNA	Registration:	N2140E
Model/Series:	172N	Engines:	1 Reciprocating
Operator:	On file	Engine Manufacturer:	LYCOMING
Air Carrier Operating Certificate:	None	Engine Model/Series:	O-320 SERIES
Flight Conducted Under:	Part 91: General Aviation - Instructional		

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:	12 knots, 350°
Temperature:	18° C / 13° C	Visibility	30 Miles
Precipitation and Obscuration:			
Departure Point:	Wabash, IN (IWH)	Destination:	Wabash, IN (IWH)

Airport Information

Airport:	Wabash Municipal Airport (IWH)	Runway Surface Type:	Grass/turf
Runway Used:	36	Runway Surface Condition:	Dry
Runway Length/Width:	1938 ft / 50 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):	Aaron M Sauer	Adopted Date:	03/16/2011
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=77493		

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