



National Transportation Safety Board Aviation Accident Data Summary

Location:	Devils Lake, ND	Accident Number:	CHI02LA045
Date & Time:	12/03/2001, 1410 CST	Registration:	N248ND
Aircraft:	Piper PA-28-161	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

The airplane contacted a runway light with the left wing following a loss of directional control during the takeoff phase of a touch and go landing. The student pilot reported the airplane touched down 1/3 (1,800 feet) down the runway during the landing. He reported the airplane veered to the left when he applied power for takeoff. He reported he reduced the power to idle and attempted to stop the airplane, but it continued off the side of the runway where it contacted the runway light. The landing was being made on runway 31. The winds reported at the airport 5 minutes after the accident were from 160 degrees at 11 knots. The pilot reported the winds were from 140 degrees at 10 knots. The student pilot had a total flight time of 31 hours and was on a solo cross-country flight when the accident occurred.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The student pilot's failure to maintain directional control of the airplane during the takeoff phase of a touch and go landing. Factors associated with the accident were the student's lack of total experience and the runway light which the airplane contacted.

Findings

Occurrence #1: LOSS OF CONTROL - ON GROUND/WATER
Phase of Operation: TAKEOFF - ROLL/RUN

Findings

1. TOUCH-AND-GO - ATTEMPTED - PILOT IN COMMAND
2. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND
3. (F) LACK OF TOTAL EXPERIENCE - PILOT IN COMMAND

Occurrence #2: ON GROUND/WATER COLLISION WITH OBJECT
Phase of Operation: TAKEOFF - ROLL/RUN

Findings

4. (F) OBJECT - RUNWAY LIGHT

Pilot Information

Certificate:	Student	Age:	22
Airplane Rating(s):	None	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	31 hours (Total, all aircraft), 31 hours (Total, this make and model), 3 hours (Pilot In Command, all aircraft), 31 hours (Last 90 days, all aircraft), 6 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Piper	Registration:	N248ND
Model/Series:	PA-28-161	Engines:	1 Reciprocating
Operator:	University of North Dakota	Engine Manufacturer:	Avco Lycoming
Operating Certificate(s) Held:	None	Engine Model/Series:	O-320-D3G
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	DVL, 1455 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None	Wind Speed/Gusts, Direction:	11 knots / , 160°
Temperature:	4° C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	Grand Forks, ND (GFK)	Destination:	Devils Lake, ND (DVL)

Airport Information

Airport:	Devils Lake Municipal (DVL)	Runway Surface Type:	Asphalt
Runway Used:	31	Runway Surface Condition:	Dry
Runway Length/Width:	5509 ft / 150 ft		

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
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC): Pamela S Sullivan

Adopted Date: 07/15/2002

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 pubinq@ntsb.gov, or at 800-877-6799. Dockets released after this date are available at <http://dms.nts.gov/pubdms/>.

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