



National Transportation Safety Board Aviation Accident Data Summary

Location:	Fredrick, MD	Accident Number:	IAD04CA009
Date & Time:	02/05/2004, 1615 EST	Registration:	N5165M
Aircraft:	Cessna 172R	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

Upon landing, the airplane veered to the left. The student pilot applied full right rudder, but could not maintain directional control, and the airplane subsequently impacted a snow bank along the left side of the runway. There was no evidence of mechanical malfunction. The flight was the student's pilot's first solo flight.

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 during the landing. A factor was the snow bank.

Findings

Occurrence #1: LOSS OF CONTROL - ON GROUND/WATER
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

1. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND

Occurrence #2: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER
Phase of Operation: LANDING - ROLL

Findings

2. (F) TERRAIN CONDITION - SNOWBANK

Student Pilot Information

Certificate:	Student	Age:	24
Airplane Rating(s):	None	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	23 hours (Total, all aircraft), 23 hours (Total, this make and model), 23 hours (Last 90 days, all aircraft), 11 hours (Last 30 days, all aircraft), 0 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N5165M
Model/Series:	172R	Engines:	1 Reciprocating
Operator:	Fredrick Flight Center	Engine Manufacturer:	Lycoming
Operating Certificate(s) Held:	None	Engine Model/Series:	IO-360-L2A
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Dusk
Observation Facility, Elevation:	FDK, 303 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Broken / 6500 ft agl	Wind Speed/Gusts, Direction:	5 knots / , 40°
Temperature:	-1 °C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	Fredrick, MD (FDK)	Destination:	

Airport Information

Airport:	FREDERICK MUNI (FDK)	Runway Surface Type:	Asphalt
Runway Used:	05	Runway Surface Condition:	Dry
Runway Length/Width:	5220 ft / 100 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:	39.417500, -77.374167		

Administrative Information

Investigator In Charge (IIC):	Paul Cox	Adopted Date:	09/01/2004
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	NTSB accident and incident docket 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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