



National Transportation Safety Board Aviation Accident Data Summary

Location:	Alton, IL	Accident Number:	CHI03LA045
Date & Time:	01/03/2003, 1200 CST	Registration:	N2724R
Aircraft:	Cessna 182S	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

The airplane was substantially damaged when it departed the runway surface and impacted a snowbank. The student pilot, on a solo flight, reported that he had completed one takeoff and landing, and was attempting to takeoff again when the accident occurred. He stated that he had applied full power, when the airplane "started veering to the left." The pilot noted that he was afraid of overcontrolling and did not apply brakes. "When I realized I was headed off of [the] runway, I pulled power and hit 15" high snow bank," the pilot reported. He also stated that the ATIS received prior to taxi reported braking action as "poor" on runway 35. The pilot noted that there were no failures or malfunctions associated with the airplane, either prior to, or at the time of, the accident.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: Failure of the pilot-in-command to maintain directional control during the takeoff roll. Contributing factors were the wet, icy runway conditions and the presence of the snowbank.

Findings

Occurrence #1: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER
Phase of Operation: TAKEOFF - ROLL/RUN

Findings

1. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND
2. (F) AIRPORT FACILITIES, RUNWAY/LANDING AREA CONDITION - ICY
3. (F) AIRPORT FACILITIES, RUNWAY/LANDING AREA CONDITION - WET
4. (F) TERRAIN CONDITION - SNOWBANK

Pilot Information

Certificate:	Student	Age:	46
Airplane Rating(s):	None	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	71 hours (Total, all aircraft), 28 hours (Total, this make and model), 9 hours (Pilot In Command, all aircraft), 52 hours (Last 90 days, all aircraft), 20 hours (Last 30 days, all aircraft), 0 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N2724R
Model/Series:	182S	Engines:	1 Reciprocating
Operator:	R. J. T. Leasing, Inc.	Engine Manufacturer:	Lycoming
Operating Certificate(s) Held:	None	Engine Model/Series:	IO-540-AB1A5
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:	ALN, 544 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None	Wind Speed/Gusts, Direction:	7 knots / , 300°
Temperature:	-1 °C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	Alton, IL (ALN)	Destination:	

Airport Information

Airport:	St Louis Regional (ALN)	Runway Surface Type:	Asphalt
Runway Used:	35	Runway Surface Condition:	Ice; Wet
Runway Length/Width:	6500 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:	38.890278, -90.046111		

Administrative Information

Investigator In Charge (IIC):	Tim Sorensen	Adopted Date:	04/23/2003
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/ .		

The National Transportation Safety Board (NTSB), established in 1967, is an independent federal agency mandated by Congress through the Independent Safety Board Act of 1974 to investigate transportation accidents, determine the probable causes of the 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.