



# National Transportation Safety Board Aviation Accident Data Summary

---

<b>Location:</b>	LITTLE FALLS, MN	<b>Accident Number:</b>	MKC89LA032
<b>Date &amp; Time:</b>	12/02/1988, 1100 CST	<b>Registration:</b>	N65642
<b>Aircraft:</b>	CESSNA 172	<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Instructional		

---

## Analysis

WHILE ATTEMPTING A TOUCH AND GO LDG DURING A STUDENT SOLO CROSS COUNTRY FLT, DIRECTIONAL CONTROL WAS LOST DURING THE TAKEOFF PHASE ON THE SNOW PACKED RUNWAY. THE STUDENT PILOT SAID HE HAD NEVER LANDED AND TAKEN OFF UNDER THOSE RUNWAY CONDITIONS. THE ACFT SWERVED TO THE LEFT, COLLIDED WITH A SNOW BANK AND FLIPPED INVERTED, SUBSTANTIALLY DAMAGING THE ACFT.

## Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

## Findings

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

### Findings

1. TOUCH-AND-GO - INITIATED
2. (F) TERRAIN CONDITION - SNOW COVERED
3. (C) AIRCRAFT CONTROL - NOT MAINTAINED - PILOT IN COMMAND
4. (F) LACK OF TOTAL EXPERIENCE IN TYPE OPERATION - PILOT IN COMMAND

-----

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

### Findings

5. TERRAIN CONDITION - SNOWBANK

-----

Occurrence #3: NOSE OVER  
Phase of Operation: TAKEOFF - ROLL/RUN

## Pilot Information

<b>Certificate:</b>	Student	<b>Age:</b>	57
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Instrument Rating(s):</b>	None
<b>Other Aircraft Rating(s):</b>	None	<b>Instructor Rating(s):</b>	None
<b>Flight Time:</b>	52 hours (Total, all aircraft), 52 hours (Total, this make and model), 7 hours (Pilot In Command, all aircraft), 30 hours (Last 90 days, all aircraft), 6 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	CESSNA	<b>Registration:</b>	N65642
<b>Model/Series:</b>	172 172	<b>Engines:</b>	1 Reciprocating
<b>Operator:</b>	FLYING SCOTCHMAN	<b>Engine Manufacturer:</b>	LYCOMING
<b>Operating Certificate(s) Held:</b>	None	<b>Engine Model/Series:</b>	O-320-D2J
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Instructional		

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual Conditions	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>	BRD, 1226 ft msl	<b>Weather Information Source:</b>	Weather Observation Facility
<b>Lowest Ceiling:</b>	None / 0 ft agl	<b>Wind Speed/Gusts, Direction:</b>	Calm / ,
<b>Temperature:</b>	0° C	<b>Visibility</b>	10 Miles
<b>Precipitation and Obscuration:</b>			
<b>Departure Point:</b>	MINNEAPOLIS, MN (MIC)	<b>Destination:</b>	

## Airport Information

<b>Airport:</b>	LITTLE FALLS (LXL)	<b>Runway Surface Type:</b>	Asphalt
<b>Runway Used:</b>	12	<b>Runway Surface Condition:</b>	Snow--compacted
<b>Runway Length/Width:</b>	4000 ft / 75 ft		

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	N/A	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Latitude, Longitude:</b>			

## Administrative Information

Investigator In Charge (IIC): JOHN R HRUBAN Adopted Date: 09/25/1989

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](mailto: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.