



# National Transportation Safety Board Aviation Accident Data Summary

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<b>Location:</b>	Coeur d'Alene, ID	<b>Accident Number:</b>	SEA08LA041
<b>Date &amp; Time:</b>	12/02/2007, 1845 PST	<b>Registration:</b>	N551GF
<b>Aircraft:</b>	CESSNA 551	<b>Injuries:</b>	8 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

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## Analysis

The airplane was landing at night on a runway contaminated with 2.5 inches of slush and a 60-degree left crosswind at 16 knots, gusting to 22 knots. After the airplane touched down, it immediately began hydroplaning to the right. The pilot attempted to correct by adding power to the right engine to regain directional control; however, the nose landing gear struck a concrete pad, which was supporting a lighted runway sign. The landing gear separated from the airplane and struck the leading edge of the left wing, which created an indentation and hole. The nose landing gear wheel well was structurally deformed, and required a major repair to rectify. Prior to landing, a vehicle had tested the runway's braking action, and the pilot was informed that it was "POOR."

## Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's failure to maintain aircraft control during landing roll out. Contributing to the accident was the slush contaminated runway and the crosswind weather conditions.

## Findings

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

### Findings

1. (C) AIRCRAFT CONTROL - NOT MAINTAINED - PILOT IN COMMAND
2. (F) AIRPORT FACILITIES, RUNWAY/LANDING AREA CONDITION - SLUSH COVERED
3. (F) WEATHER CONDITION - CROSSWIND
4. LIGHT CONDITION - DARK NIGHT

## Pilot Information

<b>Certificate:</b>	Airline Transport; Flight Instructor; Commercial	<b>Age:</b>	72
<b>Airplane Rating(s):</b>	Multi-engine Land; Single-engine Land; Single-engine Sea	<b>Instrument Rating(s):</b>	Airplane; Helicopter
<b>Other Aircraft Rating(s):</b>	Helicopter	<b>Instructor Rating(s):</b>	Airplane Multi-engine; Airplane Single-engine; Helicopter; Instrument Airplane; Instrument Helicopter
<b>Flight Time:</b>	17000 hours (Total, all aircraft), 3000 hours (Total, this make and model), 16500 hours (Pilot In Command, all aircraft), 47 hours (Last 90 days, all aircraft), 28 hours (Last 30 days, all aircraft), 3 hours (Last 24 hours, all aircraft)		

## Co-Pilot Information

<b>Certificate:</b>		<b>Age:</b>	
<b>Airplane Rating(s):</b>		<b>Instrument Rating(s):</b>	
<b>Other Aircraft Rating(s):</b>		<b>Instructor Rating(s):</b>	
<b>Flight Time:</b>			

## Co-Pilot Information

<b>Certificate:</b>	Airline Transport; Commercial; Flight Engineer	<b>Age:</b>	59
<b>Airplane Rating(s):</b>	Multi-engine Land; Single-engine Land; Single-engine Sea	<b>Instrument Rating(s):</b>	Airplane
<b>Other Aircraft Rating(s):</b>	None	<b>Instructor Rating(s):</b>	None
<b>Flight Time:</b>	25000 hours (Total, all aircraft), 49 hours (Total, this make and model), 12000 hours (Pilot In Command, all aircraft), 3 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	CESSNA	<b>Registration:</b>	N551GF
<b>Model/Series:</b>	551	<b>Engines:</b>	2 Turbo Fan
<b>Operator:</b>	CCM Aviation L.L.C.	<b>Engine Manufacturer:</b>	Pratt and Whitney
<b>Operating Certificate(s) Held:</b>	None	<b>Engine Model/Series:</b>	JT15D-4
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual Conditions	<b>Condition of Light:</b>	Night
<b>Observation Facility, Elevation:</b>	COE, 2320 ft msl	<b>Weather Information Source:</b>	Weather Observation Facility
<b>Lowest Ceiling:</b>	Broken / 4200 ft agl	<b>Wind Speed/Gusts, Direction:</b>	16 knots / 29 knots, 170°
<b>Temperature:</b>	2° C	<b>Visibility</b>	9 Miles
<b>Precipitation and Obscuration:</b>	Moderate - Rain; Moderate - Snow		
<b>Departure Point:</b>	Henderson, NV (HND)	<b>Destination:</b>	Coeur d'Alene, ID (COE)

## Airport Information

<b>Airport:</b>	Coeur d'Alene Air Terminal (COE)	<b>Runway Surface Type:</b>	Asphalt
<b>Runway Used:</b>	23	<b>Runway Surface Condition:</b>	Standing Water; Slush covered; Snow; Wet
<b>Runway Length/Width:</b>	7400 ft / 100 ft		

## Wreckage and Impact Information

<b>Crew Injuries:</b>	2 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	6 None	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Latitude, Longitude:</b>	47.774167, -116.819444		

## Administrative Information

<b>Investigator In Charge (IIC):</b>	James F Struhsaker	<b>Adopted Date:</b>	12/24/2008
<b>Investigation Docket:</b>	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 <a href="mailto:pubinq@ntsb.gov">pubinq@ntsb.gov</a> , or at 800-877-6799. Dockets released after this date are available at <a href="http://dms.nts.gov/pubdms/">http://dms.nts.gov/pubdms/</a> .		

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