



# National Transportation Safety Board Aviation Accident Data Summary

<b>Location:</b>	ROSEAU, MN	<b>Accident Number:</b>	CHI98TA023
<b>Date &amp; Time:</b>	10/02/1997, 1520 CDT	<b>Registration:</b>	N105NR
<b>Aircraft:</b>	Cessna A185F	<b>Injuries:</b>	3 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Public Aircraft		

## Analysis

The airplane landed on runway 34. The pilot said the wind was from 070 degrees at 7 knots. During rollout the airplane yawed to the right, exited the runway, and the left main landing gear collapsed. The pilot said he was unable to arrest the ground loop.

## Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: the pilot's failure to maintain directional control during landing. A factor was the crosswind.

## Findings

Occurrence #1: LOSS OF CONTROL - ON GROUND/WATER

Phase of Operation: LANDING - ROLL

Findings

1. (F) WEATHER CONDITION - CROSSWIND
2. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND
3. GROUND LOOP/SWERVE - INADVERTENT - PILOT IN COMMAND

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Occurrence #2: GEAR COLLAPSED

Phase of Operation: LANDING - ROLL

Findings

4. LANDING GEAR,MAIN GEAR - OVERLOAD

## Pilot Information

<b>Certificate:</b>	Commercial	<b>Age:</b>	42
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Instrument Rating(s):</b>	Airplane
<b>Other Aircraft Rating(s):</b>	Helicopter	<b>Instructor Rating(s):</b>	None
<b>Flight Time:</b>	1768 hours (Total, all aircraft), 38 hours (Total, this make and model), 1398 hours (Pilot In Command, all aircraft), 63 hours (Last 90 days, all aircraft), 54 hours (Last 30 days, all aircraft), 5 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Cessna	<b>Registration:</b>	N105NR
<b>Model/Series:</b>	A185F A185F	<b>Engines:</b>	1 Reciprocating
<b>Operator:</b>	STATE OF MINNESOTA	<b>Engine Manufacturer:</b>	Continental
<b>Operating Certificate(s) Held:</b>	None	<b>Engine Model/Series:</b>	IO-520-D
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Public Aircraft		

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual Conditions	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>	, 0 ft msl	<b>Weather Information Source:</b>	Pilot
<b>Lowest Ceiling:</b>	None / 0 ft agl	<b>Wind Speed/Gusts, Direction:</b>	7 knots / , 70°
<b>Temperature:</b>	18° C	<b>Visibility</b>	6 Miles
<b>Precipitation and Obscuration:</b>			
<b>Departure Point:</b>	BEMIDJI, MN (BJI)	<b>Destination:</b>	(ROX)

## Airport Information

<b>Airport:</b>	ROSEAU MUNICIPAL (ROX)	<b>Runway Surface Type:</b>	Asphalt
<b>Runway Used:</b>	34	<b>Runway Surface Condition:</b>	Dry
<b>Runway Length/Width:</b>	4400 ft / 75 ft		

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	2 None	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Latitude, Longitude:</b>			

## Administrative Information

<b>Investigator In Charge (IIC):</b>	STEPHEN A WILSON	<b>Adopted Date:</b>	05/04/1998
<b>Investigation Docket:</b>	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 <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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