



# National Transportation Safety Board Aviation Accident Data Summary

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<b>Location:</b>	ILIAMNA, AK	<b>Accident Number:</b>	ANC98LA089
<b>Date &amp; Time:</b>	07/01/1998, 1120 AKD	<b>Registration:</b>	N4574F
<b>Aircraft:</b>	Cessna 185E	<b>Injuries:</b>	2 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

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## Analysis

The certificated airline transport pilot was practicing touch-and-go landings on runway 17 in a tailwheel airplane. He stated that at the time of the accident, he inadvertently failed to meet the pilot-in-command requirements for a tailwheel airplane. The pilot rated passenger, seated in the right seat, was not a certificated flight instructor. The pilot stated that wind conditions at the time of the accident were varied, and were last reported to be from 090 degrees at 9 knots. The pilot stated that just after touchdown, the airplane veered to the right. He said that he applied left rudder in an attempt to maintain heading, but the airplane continued to the right. He stated that upon reaching the edge of the runway, he applied the brakes, and the left wheel lost traction in loose gravel. He said that the right wheel maintained traction, and the airplane ground looped to the right. During the ground loop, the left wing, aileron, and left elevator struck the runway and sustained substantial damage. At 1153, an Aviation Routine Weather Report (METAR) was reporting in part: Wind, 159 degrees (magnetic) at 7 knots.

## Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's inadequate compensation for crosswind conditions. Factors associated with the accident were a crosswind and the pilot's lack of recent experience in a tailwheel airplane.

## Findings

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

### Findings

1. (F) WEATHER CONDITION - CROSSWIND
2. (C) COMPENSATION FOR WIND CONDITIONS - INADEQUATE - PILOT IN COMMAND
3. (F) LACK OF RECENT EXPERIENCE IN KIND OF AIRCRAFT - PILOT IN COMMAND
4. TERRAIN CONDITION - LOOSE GRAVEL/SANDY
5. GROUND LOOP/SWERVE - INADVERTENT - PILOT IN COMMAND

## Pilot Information

<b>Certificate:</b>	Airline Transport; Flight Instructor; Commercial	<b>Age:</b>	53
<b>Airplane Rating(s):</b>	Multi-engine Land; Multi-engine Sea; Single-engine Land; Single-engine Sea	<b>Instrument Rating(s):</b>	Airplane
<b>Other Aircraft Rating(s):</b>	None	<b>Instructor Rating(s):</b>	Airplane Single-engine; Instrument Airplane
<b>Flight Time:</b>	7520 hours (Total, all aircraft), 224 hours (Total, this make and model), 6856 hours (Pilot In Command, all aircraft), 63 hours (Last 90 days, all aircraft), 53 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Cessna	<b>Registration:</b>	N4574F
<b>Model/Series:</b>	185E 185E	<b>Engines:</b>	1 Reciprocating
<b>Operator:</b>	ILIASKA LODGE, INC.	<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 - Personal		

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual Conditions	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>	ILI, 207 ft msl	<b>Weather Information Source:</b>	Weather Observation Facility
<b>Lowest Ceiling:</b>	Overcast / 2900 ft agl	<b>Wind Speed/Gusts, Direction:</b>	7 knots / , 159°
<b>Temperature:</b>	12° C	<b>Visibility</b>	10 Miles
<b>Precipitation and Obscuration:</b>			
<b>Departure Point:</b>	<b>Destination:</b>		

## Airport Information

<b>Airport:</b>	ILIAMNA (ILI)	<b>Runway Surface Type:</b>	Gravel
<b>Runway Used:</b>	17	<b>Runway Surface Condition:</b>	Dry
<b>Runway Length/Width:</b>	4800 ft / 150 ft		

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	1 None	<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): CLINTON O JOHNSON

Adopted Date: 03/30/2000

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/>.

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