



# Aviation Investigation Final Report

<b>Location:</b>	CLARKS POINT, Alaska	<b>Accident Number:</b>	ANC91LA108
<b>Date &amp; Time:</b>	July 23, 1991, 15:15 Local	<b>Registration:</b>	N6166N
<b>Aircraft:</b>	CESSNA 185	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	4 None
<b>Flight Conducted Under:</b>	Part 91: General aviation		

## Analysis

DURING LANDING, THE PILOT-IN-COMMAND LOST THE EFFECTIVENESS OF HIS LEFT BRAKE. HE ELECTED TO GROUND LOOP THE AIRPLANE RATHER THAN RUN OFF INTO THE TUNDRA. EXAMINATION OF THE LEFT BRAKE ASSEMBLY REVEALED THAT THE BRAKE DISC HAD SEPARATED FROM THE ASSEMBLY.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE LOSS OF DIRECTIONAL CONTROL ON THE GROUND CAUSED BY THE FAILURE OF THE LEFT BRAKE DISC. CONTRIBUTING TO THE ACCIDENT WAS THE PILOT-IN-COMMAND'S INTENTIONAL GROUND LOOP OF THE AIRPLANE.

## Findings

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

Findings  
1. (C) LANDING GEAR,NORMAL BRAKE SYSTEM - FAILURE,PARTIAL  
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Occurrence #2: DRAGGED WING,ROTOR,POD,FLOAT OR TAIL/SKID  
Phase of Operation: LANDING - ROLL

Findings

2. (F) GROUND LOOP/SWERVE - INTENTIONAL - PILOT IN COMMAND

## Factual Information

### Pilot Information

<b>Certificate:</b>	Commercial; Flight instructor	<b>Age:</b>	39, Male
<b>Airplane Rating(s):</b>	Single-engine land; Single-engine sea	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	
<b>Instrument Rating(s):</b>	Airplane	<b>Second Pilot Present:</b>	
<b>Instructor Rating(s):</b>	Airplane single-engine	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 2 Valid Medical--no waivers/lim.	<b>Last FAA Medical Exam:</b>	October 25, 1989
<b>Occupational Pilot:</b>	Yes	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	4500 hours (Total, all aircraft), 1000 hours (Total, this make and model), 4400 hours (Pilot In Command, all aircraft), 250 hours (Last 90 days, all aircraft), 100 hours (Last 30 days, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	CESSNA	<b>Registration:</b>	N6166N
<b>Model/Series:</b>	185 185	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	18504302
<b>Landing Gear Type:</b>	Tailwheel	<b>Seats:</b>	4
<b>Date/Type of Last Inspection:</b>	June 12, 1991 Annual	<b>Certified Max Gross Wt.:</b>	3350 lbs
<b>Time Since Last Inspection:</b>	57 Hrs	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	2284 Hrs	<b>Engine Manufacturer:</b>	CONTINENTAL
<b>ELT:</b>	Installed, not activated	<b>Engine Model/Series:</b>	IO-520-F
<b>Registered Owner:</b>	ALL ALASKAN SEAFOODS, INC	<b>Rated Power:</b>	300 Horsepower
<b>Operator:</b>	CARL FORGEY	<b>Operating Certificate(s) Held:</b>	None
<b>Operator Does Business As:</b>	ALL ALASKAN SEAFOOD, INC.	<b>Operator Designator Code:</b>	

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual (VMC)	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>		<b>Distance from Accident Site:</b>	
<b>Observation Time:</b>		<b>Direction from Accident Site:</b>	
<b>Lowest Cloud Condition:</b>	Scattered / 12000 ft AGL	<b>Visibility</b>	10 miles
<b>Lowest Ceiling:</b>	None	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	18 knots / 20 knots	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	70°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>		<b>Temperature/Dew Point:</b>	20°C / -18°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	NAKNEK , AK (5NK )	<b>Type of Flight Plan Filed:</b>	Company VFR
<b>Destination:</b>		<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	14:50 Local	<b>Type of Airspace:</b>	Class G

## Airport Information

<b>Airport:</b>	CLARKS POINT CLP	<b>Runway Surface Type:</b>	Gravel
<b>Airport Elevation:</b>	10 ft msl	<b>Runway Surface Condition:</b>	Dry;Rough
<b>Runway Used:</b>	0	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	2600 ft / 65 ft	<b>VFR Approach/Landing:</b>	Full stop

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	3 None	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	4 None	<b>Latitude, Longitude:</b>	58.830677,-158.529632(est)

## Administrative Information

**Investigator In Charge (IIC):** Kobelnyk, George

**Additional Participating Persons:**

**Original Publish Date:** February 8, 1993

**Last Revision Date:**

**Investigation Class:** [Class](#)

**Note:**

**Investigation Docket:** <https://data.nts.gov/Docket?ProjectID=5586>

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