



# Aviation Investigation Final Report

<b>Location:</b>	ICY POINT, Alaska	<b>Accident Number:</b>	SEA86LA065
<b>Date &amp; Time:</b>	February 21, 1986, 15:00 Local	<b>Registration:</b>	N747BE
<b>Aircraft:</b>	CESSNA 206G	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General aviation		

## Analysis

A PRECAUTIONARY LANDING WAS MADE DUE TO DETERIORATING WEATHER. LANDING WAS ACCOMPLISHED ONTO A FROZEN SLOUGH. DURING TOUCH DOWN DURING HIGH GUSTY CROSSWINDS THE AIRCRAFT VEERED RIGHT WITH THE RIGHT GEAR BREAKING THROUGH THE ICE. THE AIRCRAFT BOUNCED UP ONTO AN ICY BANK WITH THE NOSE GEAR COLLAPSING AFTER STRIKING A ROCK.

## Probable Cause and Findings

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

### Findings

Occurrence #1: IN FLIGHT ENCOUNTER WITH WEATHER  
Phase of Operation: CRUISE

#### Findings

1. (F) WEATHER CONDITION - SNOW
  2. (C) IN-FLIGHT PLANNING/DECISION - IMPROPER - PILOT IN COMMAND
  3. (F) WEATHER CONDITION - GUSTS
  4. (F) WEATHER CONDITION - LOW CEILING
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Occurrence #2: LOSS OF CONTROL - ON GROUND/WATER

Phase of Operation: LANDING - FLARE/TOUCHDOWN  
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Occurrence #3: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER  
Phase of Operation: LANDING - ROLL

## Factual Information

### Pilot Information

<b>Certificate:</b>	Airline transport	<b>Age:</b>	49, Male
<b>Airplane Rating(s):</b>	Single-engine land; Single-engine sea; Multi-engine land	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	Helicopter	<b>Restraint Used:</b>	
<b>Instrument Rating(s):</b>	Airplane	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 2 Valid Medical--w/ waivers/lim	<b>Last FAA Medical Exam:</b>	February 5, 1986
<b>Occupational Pilot:</b>	No	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	6714 hours (Total, all aircraft), 375 hours (Total, this make and model), 4700 hours (Pilot In Command, all aircraft), 21 hours (Last 90 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	CESSNA	<b>Registration:</b>	N747BE
<b>Model/Series:</b>	206G 206G	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	U20606065
<b>Landing Gear Type:</b>	Retractable - Tricycle	<b>Seats:</b>	6
<b>Date/Type of Last Inspection:</b>	January 14, 1986 100 hour	<b>Certified Max Gross Wt.:</b>	3500 lbs
<b>Time Since Last Inspection:</b>	10 Hrs	<b>Engines:</b>	1 Turbo prop
<b>Airframe Total Time:</b>	1268 Hrs	<b>Engine Manufacturer:</b>	ALLISON
<b>ELT:</b>	Installed, activated, aided in locating accident	<b>Engine Model/Series:</b>	250-C205
<b>Registered Owner:</b>		<b>Rated Power:</b>	274 Horsepower
<b>Operator:</b>	SOLOY CONVERSIONS, LTD	<b>Operating Certificate(s) Held:</b>	None
<b>Operator Does Business As:</b>		<b>Operator Designator Code:</b>	

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Instrument (IMC)	<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>	Unknown	<b>Visibility</b>	
<b>Lowest Ceiling:</b>	Overcast / 200 ft AGL	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	30 knots / 40 knots	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	360°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>		<b>Temperature/Dew Point:</b>	-1°C
<b>Precipitation and Obscuration:</b>	Moderate - None - Rain		
<b>Departure Point:</b>	JUNEAU , AK (JNU )	<b>Type of Flight Plan Filed:</b>	VFR
<b>Destination:</b>	YAKATAT , AK (YAK )	<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	14:00 Local	<b>Type of Airspace:</b>	Class G

## Airport Information

<b>Airport:</b>		<b>Runway Surface Type:</b>	Ice
<b>Airport Elevation:</b>	0 ft msl	<b>Runway Surface Condition:</b>	Ice
<b>Runway Used:</b>	0	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	0 ft / 0 ft	<b>VFR Approach/Landing:</b>	Precautionary landing

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>		<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	1 None	<b>Latitude, Longitude:</b>	58.580593,-134.769454(est)

## Administrative Information

**Investigator In Charge (IIC):** Carrera, Candace

**Additional Participating Persons:** ; JUNEAU , AK

**Original Publish Date:**

**Last Revision Date:**

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

**Note:**

**Investigation Docket:** <https://data.ntsb.gov/Docket?ProjectID=40361>

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