



# Aviation Investigation Final Report

<b>Location:</b>	Seldovia, Alaska	<b>Accident Number:</b>	ANC07CA050
<b>Date &amp; Time:</b>	June 15, 2007, 14:00 Local	<b>Registration:</b>	N230JH
<b>Aircraft:</b>	Cessna 206	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 Minor
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

The commercial certificated pilot was landing at his private airstrip, located on an island, at the conclusion of a Title 14, CFR Part 91 local area personal flight. During a telephone conversation with the pilot on June 18, 2007, he reported that during the final portion of the landing approach toward the northeast, the airplane encountered severe turbulence. The pilot said the airplane was pushed to the right of the landing area, and collided with trees. The landing area was about 1,800 feet long, and about 30 feet wide. The south side of the island has several peaks along a mountain ridge that vary from about 1,200 feet to 1,700 feet in elevation. The airplane received structural damage, and the pilot received minor injuries. In the Pilot/Operator Aircraft Accident Report (NTSB Form 6120.1) submitted by the pilot, the pilot indicated that the weather conditions were clear, and the wind was variable at 25 knots with gusts to 30 knots.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's inadequate compensation for wind conditions during the final landing approach, which resulted in an in-flight collision with trees. A factor associated with the accident was turbulence.

## Findings

Occurrence #1: LOSS OF CONTROL - IN FLIGHT  
Phase of Operation: APPROACH - VFR PATTERN - FINAL APPROACH

Findings

1. (F) WEATHER CONDITION - TURBULENCE
2. (C) COMPENSATION FOR WIND CONDITIONS - INADEQUATE - PILOT IN COMMAND

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Occurrence #2: IN FLIGHT COLLISION WITH OBJECT

Phase of Operation: APPROACH - VFR PATTERN - FINAL APPROACH

Findings

3. OBJECT - TREE(S)

## Factual Information

The commercial certificated pilot was landing at his private airstrip, located on an island, at the conclusion of a Title 14, CFR Part 91 local area personal flight. During a telephone conversation with the pilot on June 18, 2007, he reported that during the final portion of the landing approach toward the northeast, the airplane encountered severe turbulence. The pilot said the airplane was pushed to the right of the landing area, and collided with trees. The landing area was about 1,800 feet long, and about 30 feet wide. The south side of the island has several peaks along a mountain ridge that vary from about 1,200 feet to 1,700 feet in elevation. The airplane received structural damage, and the pilot received minor injuries. In the Pilot/Operator Aircraft Accident Report (NTSB Form 6120.1) submitted by the pilot, the pilot indicated that the weather conditions were clear, and the wind was variable at 25 knots with gusts to 30 knots.

### Pilot Information

<b>Certificate:</b>	Commercial	<b>Age:</b>	76, Male
<b>Airplane Rating(s):</b>	Single-engine land	<b>Seat Occupied:</b>	
<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>		<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 3	<b>Last FAA Medical Exam:</b>	April 1, 2006
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	4000 hours (Total, all aircraft), 3000 hours (Total, this make and model)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Cessna	<b>Registration:</b>	N230JH
<b>Model/Series:</b>	206	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	U20604425
<b>Landing Gear Type:</b>	Tricycle	<b>Seats:</b>	
<b>Date/Type of Last Inspection:</b>		<b>Certified Max Gross Wt.:</b>	
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>		<b>Engine Manufacturer:</b>	Continental
<b>ELT:</b>		<b>Engine Model/Series:</b>	IO-520
<b>Registered Owner:</b>	Dale N. Barker	<b>Rated Power:</b>	
<b>Operator:</b>		<b>Operating Certificate(s) Held:</b>	None

## 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>	Clear	<b>Visibility</b>	20 miles
<b>Lowest Ceiling:</b>	Broken	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	25 knots / 30 knots	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>		<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>		<b>Temperature/Dew Point:</b>	
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	Homer, AK (PAHO)	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>	Perl Island, AK	<b>Type of Clearance:</b>	None
<b>Departure Time:</b>		<b>Type of Airspace:</b>	

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 Minor	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>		<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	
<b>Total Injuries:</b>	1 Minor	<b>Latitude, Longitude:</b>	59.119998,-151.691665

## Administrative Information

**Investigator In Charge (IIC):** Erickson, Scott

**Additional Participating Persons:**

**Original Publish Date:** October 31, 2007

**Last Revision Date:**

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

**Note:** This accident report documents the factual circumstances of this accident as described to the NTSB.

**Investigation Docket:** <https://data.nts.gov/Docket?ProjectID=66049>

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