



# Aviation Investigation Final Report

<b>Location:</b>	JUNEAU, Alaska	<b>Accident Number:</b>	SEA82DA095
<b>Date &amp; Time:</b>	June 24, 1982, 14:30 Local	<b>Registration:</b>	N8320Q
<b>Aircraft:</b>	CESSNA U206	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	6 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

THE FLOAT EQUIPPED AIRCRAFT CRASHED INTO TREES AFTER TAKING OFF FROM SAMONN CREEK RESERVOIR WHILE DEPARTING WITH OVERNIGHT CAMPERS. THE RESERVOIR WAS LOCATED IN A STEEP WALLED CANYON. THE PILOT REPORTED THAT HE TOOK OFF HEADING NORTH INTO THE CANYON, RAISED THE FLAPS, AND REDUCED THE POWER TO 2500 RPM AND 25 INCHES MANIFOLD PRESSURE. HE REPORTED THAT HE KEPT THE NOSE LOWERED TO GAIN AIRSPEED, BUT ENCOUNTERED A DOWNDRAFT, SHORTLY AFTER TAKEOFF, WHILE MAKING A LEFT TURN. THE AIRCRAFT SETTLED INTO TREES ALONG THE SHORE.

## Probable Cause and Findings

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

### Findings

Occurrence #1: IN FLIGHT COLLISION WITH OBJECT  
Phase of Operation: CLIMB - TO CRUISE

#### Findings

1. (F) IN-FLIGHT PLANNING/DECISION - IMPROPER - PILOT IN COMMAND
2. (F) WEATHER CONDITION - HIGH DENSITY ALTITUDE
3. (C) POWERPLANT CONTROLS - IMPROPER USE OF - PILOT IN COMMAND
4. (C) RAISING OF FLAPS - PREMATURE - PILOT IN COMMAND

5. (F) WEATHER CONDITION - DOWNDRAFT
6. (F) TERRAIN CONDITION - MOUNTAINOUS/HILLY
7. (F) TERRAIN CONDITION - HIGH TERRAIN
8. (F) OBJECT - TREE(S)

## Factual Information

### Pilot Information

<b>Certificate:</b>	Commercial	<b>Age:</b>	43, Male
<b>Airplane Rating(s):</b>	Single-engine land; Single-engine sea; Multi-engine land; Multi-engine sea	<b>Seat Occupied:</b>	Unknown
<b>Other Aircraft Rating(s):</b>		<b>Restraint Used:</b>	
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 2 Valid Medical--no waivers/lim.	<b>Last FAA Medical Exam:</b>	September 1, 1981
<b>Occupational Pilot:</b>	UNK	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	8040 hours (Total, all aircraft), 1510 hours (Total, this make and model), 8040 hours (Pilot In Command, all aircraft), 40 hours (Last 90 days, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	CESSNA	<b>Registration:</b>	N8320Q
<b>Model/Series:</b>	U206 U206	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>		<b>Serial Number:</b>	U2060381
<b>Landing Gear Type:</b>	Float	<b>Seats:</b>	6
<b>Date/Type of Last Inspection:</b>	Unknown	<b>Certified Max Gross Wt.:</b>	3500 lbs
<b>Time Since Last Inspection:</b>	0 Hrs	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	1800 Hrs	<b>Engine Manufacturer:</b>	CONTINENTAL
<b>ELT:</b>	Installed	<b>Engine Model/Series:</b>	IO-520F
<b>Registered Owner:</b>	WILLIAM R. PETAJA	<b>Rated Power:</b>	300 Horsepower
<b>Operator:</b>	WILLIAM R. PETAJA	<b>Operating Certificate(s) Held:</b>	
<b>Operator Does Business As:</b>		<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 / 25000 ft AGL	<b>Visibility</b>	20 miles
<b>Lowest Ceiling:</b>	Unknown	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	5 knots /	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	350°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	29 inches Hg	<b>Temperature/Dew Point:</b>	70°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	JUNEAU , AK	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>	JUNEAU , AK (UNU )	<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	14:29 Local	<b>Type of Airspace:</b>	

## Airport Information

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

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	5 None	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	6 None	<b>Latitude, Longitude:</b>	58.580795,-134.769973(est)

## Administrative Information

**Investigator In Charge (IIC):**

**Additional Participating Persons:**

**Original Publish Date:** June 24, 1983

**Last Revision Date:**

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

**Note:**

**Investigation Docket:** <https://data.ntsb.gov/Docket?ProjectID=71211>

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