



Aviation Investigation Final Report

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| Location: | PETERSBURG, Alaska | Accident Number: | ANC92LA181 |
| Date & Time: | September 29, 1992, 12:25 Local | Registration: | N4891Q |
| Aircraft: | CESSNA 185 | Aircraft Damage: | Destroyed |
| Defining Event: | | Injuries: | 2 None |
| Flight Conducted Under: | Part 135: Air taxi & commuter - Non-scheduled | | |

Analysis

PILOT OVERFLEW WATER LANDING AREA AT REMOTE LOCATION NOTING THAT HIGH GUSTING WINDS WERE SUBSIDING AND THE LANDING AREA WAS NOW SUITABLE FOR OPERATIONS. AFTER LANDING AND LOADING ONE PAX AND 225 LBS OF CARGO, HE ATTEMPTED WATER TAKEOFF. ON INITIAL LIFT OFF, GUSTS FORCED AIRCRAFT BACK TO WATER, HOWEVER THE PILOT ELECTED TO CONTINUE THE TAKEOFF RUN. BECOMING AIRBORNE A SECOND TIME, THE PILOT LOST CONTROL AT 30 FT ALTITUDE AND CARTWHEELED INTO THE WATER.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE PILOTS INADEQUATE COMPENSATION FOR WIND DURING INITIAL CLIMB. A FACTOR RELATING TO ACCIDENT WAS THE GUSTY WIND CONDITION.

Findings

Occurrence #1: IN FLIGHT ENCOUNTER WITH WEATHER
Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

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

Occurrence #2: DRAGGED WING, ROTOR, POD, FLOAT OR TAIL/SKID
Phase of Operation: DESCENT - UNCONTROLLED

Factual Information

Pilot Information

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| Certificate: | Commercial | Age: | 57, Male |
| Airplane Rating(s): | Single-engine land; Single-engine sea; Multi-engine land | Seat Occupied: | Left |
| Other Aircraft Rating(s): | None | Restraint Used: | |
| Instrument Rating(s): | Airplane | Second Pilot Present: | No |
| Instructor Rating(s): | Airplane single-engine; Instrument airplane | Toxicology Performed: | No |
| Medical Certification: | Class 2 Valid Medical-w/ waivers/lim | Last FAA Medical Exam: | August 4, 1992 |
| Occupational Pilot: | Yes | Last Flight Review or Equivalent: | |
| Flight Time: | 7442 hours (Total, all aircraft), 1194 hours (Total, this make and model), 7168 hours (Pilot In Command, all aircraft), 11 hours (Last 90 days, all aircraft), 7 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft) | | |

Aircraft and Owner/Operator Information

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|--------------------------------------|---------------------------|---------------------------------------|--------------------------|
| Aircraft Make: | CESSNA | Registration: | N4891Q |
| Model/Series: | 185 185 | Aircraft Category: | Airplane |
| Year of Manufacture: | | Amateur Built: | |
| Airworthiness Certificate: | Normal | Serial Number: | 18503572 |
| Landing Gear Type: | Amphibian | Seats: | 4 |
| Date/Type of Last Inspection: | September 20, 1992 Annual | Certified Max Gross Wt.: | 3350 lbs |
| Time Since Last Inspection: | 13 Hrs | Engines: | 1 Reciprocating |
| Airframe Total Time: | 8835 Hrs | Engine Manufacturer: | CONTINENTAL |
| ELT: | Installed | Engine Model/Series: | IO-520D |
| Registered Owner: | COLE A. RHODEN | Rated Power: | 300 Horsepower |
| Operator: | RODNEY JUDY | Operating Certificate(s) Held: | On-demand air taxi (135) |
| Operator Does Business As: | PACIFIC WING, INC | Operator Designator Code: | LAOA |

Meteorological Information and Flight Plan

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| Conditions at Accident Site: | Visual (VMC) | Condition of Light: | Day |
| Observation Facility, Elevation: | | Distance from Accident Site: | |
| Observation Time: | | Direction from Accident Site: | |
| Lowest Cloud Condition: | Unknown | Visibility | 15 miles |
| Lowest Ceiling: | Broken / 3600 ft AGL | Visibility (RVR): | |
| Wind Speed/Gusts: | 10 knots / 20 knots | Turbulence Type Forecast/Actual: | / |
| Wind Direction: | 170° | Turbulence Severity Forecast/Actual: | / |
| Altimeter Setting: | 29 inches Hg | Temperature/Dew Point: | 12°C / 8°C |
| Precipitation and Obscuration: | No Obscuration; No Precipitation | | |
| Departure Point: | CASCADE CREEK , AK | Type of Flight Plan Filed: | VFR |
| Destination: | PETERSBURG , AK (PSG) | Type of Clearance: | None |
| Departure Time: | 12:25 Local | Type of Airspace: | Class G |

Airport Information

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|-----------------------------|---|----------------------------------|------|
| Airport: | | Runway Surface Type: | |
| Airport Elevation: | | Runway Surface Condition: | |
| Runway Used: | 0 | IFR Approach: | None |
| Runway Length/Width: | | VFR Approach/Landing: | None |

Wreckage and Impact Information

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|----------------------------|--------|-----------------------------|----------------------------|
| Crew Injuries: | 1 None | Aircraft Damage: | Destroyed |
| Passenger Injuries: | 1 None | Aircraft Fire: | None |
| Ground Injuries: | N/A | Aircraft Explosion: | None |
| Total Injuries: | 2 None | Latitude, Longitude: | 57.050312,-132.619201(est) |

Administrative Information

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| Investigator In Charge (IIC): | Herlihy, Douglas |
| Additional Participating Persons: | JULIO FIGUEROA; JUNEAU , AK |
| Original Publish Date: | May 26, 1993 |
| Last Revision Date: | |
| Investigation Class: | Class |
| Note: | |
| Investigation Docket: | https://data.ntsb.gov/Docket?ProjectID=5820 |

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