



Aviation Investigation Final Report

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|--------------------------------|--------------------------------------|-------------------------|-------------|
| Location: | BARROW, Alaska | Accident Number: | ANC85LA131 |
| Date & Time: | July 13, 1985, 15:58 Local | Registration: | N9164T |
| Aircraft: | CESSNA 180 | Aircraft Damage: | Substantial |
| Defining Event: | | Injuries: | 1 None |
| Flight Conducted Under: | Part 91: General aviation - Personal | | |

Analysis

THE PLT REPORTED THAT WHEN HE RETURNED TO THE ARPT, HE MADE A 3-POINT LANDING IN GUSTY X-WIND CONDITIONS. REPORTEDLY, THE ACFT THEN GROUND LOOPED & WAS DAMAGED. AT 1534 ADT, THE WIND AT BARROW WAS FROM 050 DEG AT 13 GUSTING 18 KTS.

Probable Cause and Findings

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

Findings

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

Findings

1. (F) WEATHER CONDITION - UNFAVORABLE WIND
2. (F) WEATHER CONDITION - CROSSWIND
3. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND
4. GROUND LOOP/SWERVE - UNCONTROLLED
5. LACK OF TOTAL EXPERIENCE - PILOT IN COMMAND

Factual Information

Pilot Information

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|----------------------------------|--|--|---------------|
| Certificate: | Private | Age: | 27, Male |
| Airplane Rating(s): | Single-engine land | Seat Occupied: | Left |
| Other Aircraft Rating(s): | None | Restraint Used: | |
| Instrument Rating(s): | None | Second Pilot Present: | No |
| Instructor Rating(s): | None | Toxicology Performed: | No |
| Medical Certification: | None Valid Medical--no waivers/lim. | Last FAA Medical Exam: | March 7, 1985 |
| Occupational Pilot: | UNK | Last Flight Review or Equivalent: | |
| Flight Time: | 118 hours (Total, all aircraft), 58 hours (Total, this make and model), 58 hours (Pilot In Command, all aircraft), 10 hours (Last 90 days, all aircraft) | | |

Aircraft and Owner/Operator Information

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|--------------------------------------|--------------------------|---------------------------------------|-----------------|
| Aircraft Make: | CESSNA | Registration: | N9164T |
| Model/Series: | 180 180 | Aircraft Category: | Airplane |
| Year of Manufacture: | | Amateur Built: | |
| Airworthiness Certificate: | Normal | Serial Number: | 50664 |
| Landing Gear Type: | Tailwheel | Seats: | 4 |
| Date/Type of Last Inspection: | Annual | Certified Max Gross Wt.: | 3650 lbs |
| Time Since Last Inspection: | 57 Hrs | Engines: | 1 Reciprocating |
| Airframe Total Time: | 2500 Hrs | Engine Manufacturer: | CONTINENTAL |
| ELT: | Installed, not activated | Engine Model/Series: | O-470-L |
| Registered Owner: | MICHAEL R. KLAWIITTER | Rated Power: | 230 Horsepower |
| Operator: | | Operating Certificate(s) Held: | None |
| Operator Does Business As: | | Operator Designator Code: | |

Meteorological Information and Flight Plan

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|---|----------------------------------|---|-------------|
| Conditions at Accident Site: | Visual (VMC) | Condition of Light: | Day |
| Observation Facility, Elevation: | BRW ,44 ft msl | Distance from Accident Site: | |
| Observation Time: | 15:34 Local | Direction from Accident Site: | 360° |
| Lowest Cloud Condition: | Scattered / 800 ft AGL | Visibility | 10 miles |
| Lowest Ceiling: | Broken / 20000 ft AGL | Visibility (RVR): | |
| Wind Speed/Gusts: | 13 knots / 18 knots | Turbulence Type Forecast/Actual: | / |
| Wind Direction: | 0° | Turbulence Severity Forecast/Actual: | / |
| Altimeter Setting: | 30 inches Hg | Temperature/Dew Point: | 3°C / -18°C |
| Precipitation and Obscuration: | No Obscuration; No Precipitation | | |
| Departure Point: | BARROW , AK (BRW) | Type of Flight Plan Filed: | VFR |
| Destination: | | Type of Clearance: | VFR |
| Departure Time: | 11:03 Local | Type of Airspace: | |

Airport Information

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|-----------------------------|------------------|----------------------------------|---------------------------|
| Airport: | BARROW BRW | Runway Surface Type: | Asphalt |
| Airport Elevation: | 44 ft msl | Runway Surface Condition: | Dry |
| Runway Used: | 6 | IFR Approach: | None |
| Runway Length/Width: | 6500 ft / 150 ft | VFR Approach/Landing: | Full stop;Traffic pattern |

Wreckage and Impact Information

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|----------------------------|--------|-----------------------------|----------------------------|
| Crew Injuries: | 1 None | Aircraft Damage: | Substantial |
| Passenger Injuries: | | Aircraft Fire: | None |
| Ground Injuries: | N/A | Aircraft Explosion: | None |
| Total Injuries: | 1 None | Latitude, Longitude: | 71.280517,-156.780273(est) |

Administrative Information

Investigator In Charge (IIC): Roy, Daw

Additional Participating Persons: MURRAY M SHAIN; FAIRBANKS , AK
DIXIE J NORTON; FAIRBANKS , AK

Original Publish Date:

Last Revision Date:

Investigation Class: [Class](#)

Note:

Investigation Docket: <https://data.nts.gov/Docket?ProjectID=4527>

The National Transportation Safety Board (NTSB) is an independent federal agency charged by Congress with investigating every civil aviation accident in the United States and significant events in other modes of transportation—railroad, transit, highway, marine, pipeline, and commercial space. We determine the probable causes of the accidents and events we investigate, and issue safety recommendations aimed at preventing future occurrences. In addition, we conduct transportation safety research studies and offer information and other assistance to family members and survivors for each accident or event we investigate. We also serve as the appellate authority for enforcement actions involving aviation and mariner certificates issued by the Federal Aviation Administration (FAA) and US Coast Guard, and we adjudicate appeals of civil penalty actions taken by the FAA.

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