



# Aviation Investigation Final Report

|                                |                            |                         |             |
|--------------------------------|----------------------------|-------------------------|-------------|
| <b>Location:</b>               | ANCHORAGE, Alaska          | <b>Accident Number:</b> | ANC89FA091  |
| <b>Date &amp; Time:</b>        | June 12, 1989, 23:33 Local | <b>Registration:</b>    | N11GA       |
| <b>Aircraft:</b>               | de Havilland DHC-2         | <b>Aircraft Damage:</b> | Substantial |
| <b>Defining Event:</b>         |                            | <b>Injuries:</b>        | 1 None      |
| <b>Flight Conducted Under:</b> | Part 91: General aviation  |                         |             |

## Analysis

THE PILOT STATED THAT AFTER THE FLOAT PLANE TOUCHED DOWN ON THE LAKE, IT VEERED LEFT & STRUCK THE BANK OF THE LAKE. THE ACFT CAME TO REST ON TOP OF THE BANK ABOUT 7 FT FROM THE WATER.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: FAILURE OF THE PILOT TO MAINTAIN DIRECTIONAL CONTROL WHICH RESULTED IN AN INADVERTENT GROUND SWERVE.

## Findings

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

### Findings

1. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND
2. (C) GROUND LOOP/SWERVE - INADVERTENT - PILOT IN COMMAND

Occurrence #2: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER  
Phase of Operation: LANDING - ROLL

## Factual Information

### Pilot Information

|                                  |  |  |                 |
|----------------------------------|--|--|-----------------|
| <b>Certificate:</b>              | Airline transport  | <b>Age:</b>                              | 42, 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> | None   | <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 1 Valid Medical--no waivers/lim.   | <b>Last FAA Medical Exam:</b>            | August 24, 1987 |
| <b>Occupational Pilot:</b>       | Yes  | <b>Last Flight Review or Equivalent:</b> |                 |
| <b>Flight Time:</b>              | 4300 hours (Total, all aircraft), 480 hours (Total, this make and model), 3000 hours (Pilot In Command, all aircraft), 60 hours (Last 90 days, all aircraft), 10 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft) |  |                 |

## Aircraft and Owner/Operator Information

|                                      |  |                                       |                          |
|--------------------------------------|--|---------------------------------------|--------------------------|
| <b>Aircraft Make:</b>                | de Havilland   | <b>Registration:</b>                  | N11GA                    |
| <b>Model/Series:</b>                 | DHC-2 DHC-2  | <b>Aircraft Category:</b>             | Airplane                 |
| <b>Year of Manufacture:</b>          |  | <b>Amateur Built:</b>                 |                          |
| <b>Airworthiness Certificate:</b>    | Normal   | <b>Serial Number:</b>                 | 1111                     |
| <b>Landing Gear Type:</b>            | Float  | <b>Seats:</b>                         | 4                        |
| <b>Date/Type of Last Inspection:</b> | June 10, 1989 AAIP                                     | <b>Certified Max Gross Wt.:</b>       | 5030 lbs                 |
| <b>Time Since Last Inspection:</b>   | 27 Hrs   | <b>Engines:</b>                       | 1 Reciprocating          |
| <b>Airframe Total Time:</b>          | 7715 Hrs   | <b>Engine Manufacturer:</b>           | P&W                      |
| <b>ELT:</b>                          | Installed, activated, did not aid in locating accident | <b>Engine Model/Series:</b>           | R-985                    |
| <b>Registered Owner:</b>             | BUSH PILTS AIR SERVICE INC.                            | <b>Rated Power:</b>                   | 450 Horsepower           |
| <b>Operator:</b>                     |  | <b>Operating Certificate(s) Held:</b> | On-demand air taxi (135) |
| <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> | ANC ,144 ft msl                  | <b>Distance from Accident Site:</b>         | 1 Nautical Miles |
| <b>Observation Time:</b>                | 23:40 Local                      | <b>Direction from Accident Site:</b>        | 220°             |
| <b>Lowest Cloud Condition:</b>          | Scattered / 2000 ft AGL          | <b>Visibility</b>                           | 90 miles         |
| <b>Lowest Ceiling:</b>                  | None                             | <b>Visibility (RVR):</b>                    |                  |
| <b>Wind Speed/Gusts:</b>                | 8 knots /                        | <b>Turbulence Type Forecast/Actual:</b>     | /                |
| <b>Wind Direction:</b>                  | 170°                             | <b>Turbulence Severity Forecast/Actual:</b> | /                |
| <b>Altimeter Setting:</b>               | 29 inches Hg                     | <b>Temperature/Dew Point:</b>               | 12°C / 6°C       |
| <b>Precipitation and Obscuration:</b>   | No Obscuration; No Precipitation |   |                  |
| <b>Departure Point:</b>                 | WHITTIER , AK (AK66)             | <b>Type of Flight Plan Filed:</b>           | None             |
| <b>Destination:</b>                     |                                  | <b>Type of Clearance:</b>                   | None             |
| <b>Departure Time:</b>                  | 00:00 Local                      | <b>Type of Airspace:</b>                    | Class D          |

## Airport Information

|                             |                   |                                  |            |
|-----------------------------|-------------------|----------------------------------|------------|
| <b>Airport:</b>             | LAKE HOOD SPB LHD | <b>Runway Surface Type:</b>      | Water      |
| <b>Airport Elevation:</b>   |                   | <b>Runway Surface Condition:</b> | Water-calm |
| <b>Runway Used:</b>         | 27                | <b>IFR Approach:</b>             | None       |
| <b>Runway Length/Width:</b> | 4540 ft / 150 ft  | <b>VFR Approach/Landing:</b>     | Full stop  |

## 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> | 61.21944,-149.849609(est) |

## Administrative Information

**Investigator In Charge (IIC):** Michelangelo, James

**Additional Participating Persons:**

**Original Publish Date:** June 19, 1991

**Last Revision Date:**

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

**Note:**

**Investigation Docket:** <https://data.ntsb.gov/Docket?ProjectID=5112>

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