



# National Transportation Safety Board Aviation Accident Data Summary

|                                |   |                         |            |
|--------------------------------|---|-------------------------|------------|
| <b>Location:</b>               | MILES CITY, MT                            | <b>Accident Number:</b> | DEN83LA029 |
| <b>Date &amp; Time:</b>        | 12/01/1982, 2045 MST                      | <b>Registration:</b>    | N30RA      |
| <b>Aircraft:</b>               | CESSNA 310R                               | <b>Injuries:</b>        | 5 None     |
| <b>Flight Conducted Under:</b> | Part 135: Air Taxi & Commuter - Scheduled |                         |            |

## Analysis

AFTER EXECUTING A MISSED APPROACH TO RWY 22 THE ACFT BEGAN ACCUMULATING RIME ICE. AN APPROACH WAS MADE TO RWY 4. THE ACFT HAD ACCUMULATED ABOUT 1/4 IN ICE, & DURING THE FLARE THE ACFT SHUDDERED & STALLED ONTO THE RWY.

## Probable Cause

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

## Findings

Occurrence #1: HARD LANDING  
Phase of Operation: LANDING - FLARE/TOUCHDOWN

### Findings

1. (F) LIGHT CONDITION - DARK NIGHT
2. (F) WEATHER CONDITION - LOW CEILING
3. (F) WEATHER CONDITION - ICING CONDITIONS
4. (F) WING - ICE
5. (C) AIRSPEED - NOT MAINTAINED - PILOT IN COMMAND

## Pilot Information

|                                  |  |                              |   |
|----------------------------------|--|------------------------------|---|
| <b>Certificate:</b>              | Airline Transport; Flight Instructor   | <b>Age:</b>                  | 27  |
| <b>Airplane Rating(s):</b>       | Multi-engine Land; Single-engine Land  | <b>Instrument Rating(s):</b> | Airplane                                      |
| <b>Other Aircraft Rating(s):</b> |  | <b>Instructor Rating(s):</b> | Airplane Multi-engine; Airplane Single-engine |
| <b>Flight Time:</b>              | 2450 hours (Total, all aircraft), 510 hours (Total, this make and model), 2370 hours (Pilot In Command, all aircraft), 124 hours (Last 90 days, all aircraft), 4 hours (Last 24 hours, all aircraft) |                              |   |

## Aircraft and Owner/Operator Information

|                                       |   |                             |                 |
|---------------------------------------|---|-----------------------------|-----------------|
| <b>Aircraft Make:</b>                 | CESSNA                                    | <b>Registration:</b>        | N30RA           |
| <b>Model/Series:</b>                  | 310R 310R                                 | <b>Engines:</b>             | 2 Reciprocating |
| <b>Operator:</b>                      | PHILIP O. PETRIK                          | <b>Engine Manufacturer:</b> | CONTINENTAL     |
| <b>Operating Certificate(s) Held:</b> | Commuter Air Carrier (135)                | <b>Engine Model/Series:</b> | IO-520-M        |
| <b>Flight Conducted Under:</b>        | Part 135: Air Taxi & Commuter - Scheduled |                             |                 |

## Meteorological Information and Flight Plan

|   |                       |                                     |                    |
|---|-----------------------|-------------------------------------|--------------------|
| <b>Conditions at Accident Site:</b>     | Instrument Conditions | <b>Condition of Light:</b>          | Night/Dark         |
| <b>Observation Facility, Elevation:</b> | , 0 ft msl            | <b>Weather Information Source:</b>  | Unknown            |
| <b>Lowest Ceiling:</b>                  | Unknown / 0 ft agl    | <b>Wind Speed/Gusts, Direction:</b> | 15 knots / , 30°   |
| <b>Temperature:</b>                     | 31 °C                 | <b>Visibility</b>                   | 1 Miles            |
| <b>Precipitation and Obscuration:</b>   |                       |                                     |                    |
| <b>Departure Point:</b>                 | SIDNEY, MT (C)        | <b>Destination:</b>                 | MILES CITY, MT (C) |

## Airport Information

|                             |                             |                                  |         |
|-----------------------------|-----------------------------|----------------------------------|---------|
| <b>Airport:</b>             | MILES CITY MUNICIPAL (17LS) | <b>Runway Surface Type:</b>      | Asphalt |
| <b>Runway Used:</b>         | 4                           | <b>Runway Surface Condition:</b> | Wet     |
| <b>Runway Length/Width:</b> | 6313 ft / 150 ft            |                                  |         |

## Wreckage and Impact Information

|                            |        |                            |             |
|----------------------------|--------|----------------------------|-------------|
| <b>Crew Injuries:</b>      | 1 None | <b>Aircraft Damage:</b>    | Substantial |
| <b>Passenger Injuries:</b> | 4 None | <b>Aircraft Fire:</b>      | None        |
| <b>Ground Injuries:</b>    | N/A    | <b>Aircraft Explosion:</b> | None        |

Latitude, Longitude:

## Administrative Information

|                                      |  |            |
|--------------------------------------|--|------------|
| <b>Investigator In Charge (IIC):</b> | <b>Adopted Date:</b>   | 12/01/1983 |
| <b>Investigation Docket:</b>         | NTSB accident and incident dockets serve as permanent archival information for the NTSB's investigations. Dockets released prior to June 1, 2009 are publicly available from the NTSB's Record Management Division at <a href="mailto:pubinq@ntsb.gov">pubinq@ntsb.gov</a> , or at 800-877-6799. Dockets released after this date are available at <a href="http://dms.nts.gov/pubdms/">http://dms.nts.gov/pubdms/</a> . |            |

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