



# National Transportation Safety Board Aviation Accident Data Summary

|                                |                                      |                         |            |
|--------------------------------|--------------------------------------|-------------------------|------------|
| <b>Location:</b>               | MINNEAPOLIS, MN                      | <b>Accident Number:</b> | CHI84LA173 |
| <b>Date &amp; Time:</b>        | 05/01/1984, 2040 CDT                 | <b>Registration:</b>    | N3735Y     |
| <b>Aircraft:</b>               | BEECH A36                            | <b>Injuries:</b>        | 4 None     |
| <b>Flight Conducted Under:</b> | Part 91: General Aviation - Business |                         |            |

## Analysis

THE ACFT TOUCHED DOWN HARD DURING THE LANDING. THE NOSE GEAR COLLAPSED AND THE ACFT SLID TO A STOP. THE PLT SAID HE WAS NOT ABLE TO ARREST THE SINK RATE OF THE ACFT WITH POWER DURING THE LANDING FLARE.

## 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. (C) FLARE - IMPROPER - PILOT IN COMMAND
2. (F) LACK OF TOTAL EXPERIENCE IN TYPE OF AIRCRAFT - PILOT IN COMMAND

Occurrence #2: MAIN GEAR COLLAPSED

Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

3. LANDING GEAR, NOSE GEAR - OVERLOAD

## Pilot Information

|                                  |  |                              |          |
|----------------------------------|--|------------------------------|----------|
| <b>Certificate:</b>              | Private  | <b>Age:</b>                  | 41       |
| <b>Airplane Rating(s):</b>       | Single-engine Land   | <b>Instrument Rating(s):</b> | Airplane |
| <b>Other Aircraft Rating(s):</b> |  | <b>Instructor Rating(s):</b> | None     |
| <b>Flight Time:</b>              | 443 hours (Total, all aircraft), 10 hours (Total, this make and model), 292 hours (Pilot In Command, all aircraft), 15 hours (Last 90 days, all aircraft), 5 hours (Last 24 hours, all aircraft) |                              |          |

## Aircraft and Owner/Operator Information

|                                       |                                      |                             |                 |
|---------------------------------------|--------------------------------------|-----------------------------|-----------------|
| <b>Aircraft Make:</b>                 | BEECH                                | <b>Registration:</b>        | N3735Y          |
| <b>Model/Series:</b>                  | A36 A36                              | <b>Engines:</b>             | 1 Reciprocating |
| <b>Operator:</b>                      | G & R AVIATION                       | <b>Engine Manufacturer:</b> | CONTINENTAL     |
| <b>Operating Certificate(s) Held:</b> | None                                 | <b>Engine Model/Series:</b> | IO-520          |
| <b>Flight Conducted Under:</b>        | Part 91: General Aviation - Business |                             |                 |

## Meteorological Information and Flight Plan

|   |                      |                                     |                              |
|---|----------------------|-------------------------------------|------------------------------|
| <b>Conditions at Accident Site:</b>     | Visual Conditions    | <b>Condition of Light:</b>          | Day                          |
| <b>Observation Facility, Elevation:</b> | FCM, 905 ft msl      | <b>Weather Information Source:</b>  | Weather Observation Facility |
| <b>Lowest Ceiling:</b>                  | None / 0 ft agl      | <b>Wind Speed/Gusts, Direction:</b> | Calm / ,                     |
| <b>Temperature:</b>                     |                      | <b>Visibility</b>                   | 20 Miles                     |
| <b>Precipitation and Obscuration:</b>   |                      |                                     |                              |
| <b>Departure Point:</b>                 | SCHAUMBURG, IL (06C) | <b>Destination:</b>                 |                              |

## Airport Information

|                             |                    |                                  |         |
|-----------------------------|--------------------|----------------------------------|---------|
| <b>Airport:</b>             | FLYING CLOUD (FCM) | <b>Runway Surface Type:</b>      | Asphalt |
| <b>Runway Used:</b>         | 27L                | <b>Runway Surface Condition:</b> | Dry     |
| <b>Runway Length/Width:</b> | 3900 ft / 75 ft    |                                  |         |

## Wreckage and Impact Information

|                             |        |                            |             |
|-----------------------------|--------|----------------------------|-------------|
| <b>Crew Injuries:</b>       | 1 None | <b>Aircraft Damage:</b>    | Substantial |
| <b>Passenger Injuries:</b>  | 3 None | <b>Aircraft Fire:</b>      | None        |
| <b>Ground Injuries:</b>     | N/A    | <b>Aircraft Explosion:</b> | None        |
| <b>Latitude, Longitude:</b> |        |                            |             |

## Administrative Information

|                                      |  |                      |  |
|--------------------------------------|--|----------------------|--|
| <b>Investigator In Charge (IIC):</b> | PAMELA S KLECKNER  | <b>Adopted Date:</b> |  |
| <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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