



# National Transportation Safety Board Aviation Accident Data Summary

|                                |                                      |                         |            |
|--------------------------------|--------------------------------------|-------------------------|------------|
| <b>Location:</b>               | Brunswick, GA                        | <b>Accident Number:</b> | NYC08CA074 |
| <b>Date &amp; Time:</b>        | 01/02/2008, 1245 EDT                 | <b>Registration:</b>    | N724BB     |
| <b>Aircraft:</b>               | Beech A36                            | <b>Injuries:</b>        | 3 None     |
| <b>Flight Conducted Under:</b> | Part 91: General Aviation - Business |                         |            |

## Analysis

During landing on runway 34, a 3,313 foot-long and 75-foot wide asphalt runway, the pilot of the Beech A36 airplane encountered a wind gust, which he estimated to be about 40 knots. The airplane then bounced on the runway and the landing gear collapsed, substantially damaging the right wing. The wind reported at the airport, 8 minutes after the accident, was from 300 degrees at 11 knots, gusting to 24 knots.

## Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's inadequate compensation for wind conditions. A factor in the accident was the wind gust.

## Findings

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

### Findings

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

## Pilot Information

|                                  |   |                              |          |
|----------------------------------|---|------------------------------|----------|
| <b>Certificate:</b>              | Private   | <b>Age:</b>                  | 81       |
| <b>Airplane Rating(s):</b>       | Single-engine Land  | <b>Instrument Rating(s):</b> | Airplane |
| <b>Other Aircraft Rating(s):</b> | None  | <b>Instructor Rating(s):</b> | None     |
| <b>Flight Time:</b>              | 6040 hours (Total, all aircraft), 3000 hours (Total, this make and model) |                              |          |

## Aircraft and Owner/Operator Information

|   |                                      |                             |                 |
|---|--------------------------------------|-----------------------------|-----------------|
| <b>Aircraft Manufacturer:</b>             | Beech                                | <b>Registration:</b>        | N724BB          |
| <b>Model/Series:</b>                      | A36                                  | <b>Engines:</b>             | 1 Reciprocating |
| <b>Operator:</b>                          | BK Corporation                       | <b>Engine Manufacturer:</b> | Continental     |
| <b>Air Carrier Operating Certificate:</b> | None                                 | <b>Engine Model/Series:</b> | IO-550          |
| <b>Flight Conducted Under:</b>            | Part 91: General Aviation - Business |                             |                 |

## Meteorological Information and Flight Plan

|   |                   |                                     |                              |
|---|-------------------|-------------------------------------|------------------------------|
| <b>Observation Facility, Elevation:</b> | SSI, 19 ft msl    | <b>Weather Information Source:</b>  | Weather Observation Facility |
| <b>Conditions at Accident Site:</b>     | Visual Conditions | <b>Lowest Ceiling:</b>              | None                         |
| <b>Condition of Light:</b>              | Day               | <b>Wind Speed/Gusts, Direction:</b> | 11 knots/ 24 knots, 300°     |
| <b>Temperature:</b>                     | 3° C / -15° C     | <b>Visibility</b>                   | 9 Miles                      |
| <b>Precipitation and Obscuration:</b>   | Light - Snow      |                                     |                              |
| <b>Departure Point:</b>                 | Long Island       | <b>Destination:</b>                 | Brunswick, GA (SSI)          |

## Airport Information

|                             |                                |                                  |         |
|-----------------------------|--------------------------------|----------------------------------|---------|
| <b>Airport:</b>             | Malcolm McKinnon Airport (SSI) | <b>Runway Surface Type:</b>      | Asphalt |
| <b>Runway Used:</b>         | 34                             | <b>Runway Surface Condition:</b> | Dry     |
| <b>Runway Length/Width:</b> | 3313 ft / 75 ft                |                                  |         |

## Wreckage and Impact Information

|                            |        |                            |             |
|----------------------------|--------|----------------------------|-------------|
| <b>Crew Injuries:</b>      | 1 None | <b>Aircraft Damage:</b>    | Substantial |
| <b>Passenger Injuries:</b> | 2 None | <b>Aircraft Fire:</b>      | None        |
| <b>Ground Injuries:</b>    | N/A    | <b>Aircraft Explosion:</b> | None        |

## Administrative Information

|                                      |  |                      |            |
|--------------------------------------|--|----------------------|------------|
| <b>Investigator In Charge (IIC):</b> | Jill M Andrews   | <b>Adopted Date:</b> | 02/28/2008 |
| <b>Note:</b>                         | This accident report documents the factual circumstances of this accident as described to the NTSB.  |                      |            |
| <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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