



# Aviation Investigation Final Report

|                                |                                      |                         |             |
|--------------------------------|--------------------------------------|-------------------------|-------------|
| <b>Location:</b>               | Pageland, South Carolina             | <b>Accident Number:</b> | ATL06CA056  |
| <b>Date &amp; Time:</b>        | March 29, 2006, 14:45 Local          | <b>Registration:</b>    | N76688      |
| <b>Aircraft:</b>               | Cessna 140                           | <b>Aircraft Damage:</b> | Substantial |
| <b>Defining Event:</b>         |                                      | <b>Injuries:</b>        | 1 None      |
| <b>Flight Conducted Under:</b> | Part 91: General aviation - Personal |                         |             |

## Analysis

The pilot stated that he was making a full stop landing to runway 05 with a crosswind. The airplane touched down on the runway in a crab and he lost directional control of the airplane. The airplane went off the right side of the runway, collided with a runway light, and nosed over in the grass. The pilot stated that the airplane did not experience any mechanical problems before the accident.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's failure to maintain directional control during a crosswind landing resulting in the airplane veering to the right, colliding with a runway light, and subsequent nose over.

## Findings

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

### Findings

1. WEATHER CONDITION - CROSSWIND
2. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND

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Occurrence #2: ON GROUND/WATER COLLISION WITH OBJECT  
Phase of Operation: LANDING - ROLL

Findings

3. OBJECT - RUNWAY LIGHT

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Occurrence #3: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER

Phase of Operation: LANDING - ROLL

Findings

4. TERRAIN CONDITION - GROUND

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Occurrence #4: NOSE OVER

Phase of Operation: LANDING - ROLL

## Factual Information

On March 29, 2006, at 1445 eastern standard time, A Cessna 140, N76688, registered to and operated by a private owner as a 14 CFR Part 91 personal flight, experienced an on-ground loss of directional control on landing at Pageland Airport, Pageland, South Carolina. Visual meteorological conditions prevailed and no flight plan was filed. The airplane received substantial damage. The private pilot reported no injuries. The flight originated from Pageland Airport at 1440 on March 29, 2006.

The pilot stated he was making a full stop landing to runway 05 with a crosswind. The airplane touched down in a crab and he lost directional control of the airplane. The airplane went off the right side of the runway, collided with a runway light, and nosed over inverted in the grass. The pilot stated the airplane did not experience any mechanical problems before the accident.

### Pilot Information

|                                  |  |  |                  |
|----------------------------------|--|--|------------------|
| <b>Certificate:</b>              | Private  | <b>Age:</b>                              | 72, Male         |
| <b>Airplane Rating(s):</b>       | Single-engine land   | <b>Seat Occupied:</b>                    | Left             |
| <b>Other Aircraft Rating(s):</b> | None   | <b>Restraint Used:</b>                   |                  |
| <b>Instrument Rating(s):</b>     | None   | <b>Second Pilot Present:</b>             | No               |
| <b>Instructor Rating(s):</b>     | None   | <b>Toxicology Performed:</b>             | No               |
| <b>Medical Certification:</b>    | Class 3 With waivers/limitations   | <b>Last FAA Medical Exam:</b>            | December 1, 2005 |
| <b>Occupational Pilot:</b>       | No   | <b>Last Flight Review or Equivalent:</b> | December 1, 2004 |
| <b>Flight Time:</b>              | 277 hours (Total, all aircraft), 28 hours (Total, this make and model), 221 hours (Pilot In Command, all aircraft), 3 hours (Last 90 days, all aircraft), 1 hours (Last 30 days, all aircraft) |  |                  |

## Aircraft and Owner/Operator Information

|                                      |                              |                                       |                 |
|--------------------------------------|------------------------------|---------------------------------------|-----------------|
| <b>Aircraft Make:</b>                | Cessna                       | <b>Registration:</b>                  | N76688          |
| <b>Model/Series:</b>                 | 140                          | <b>Aircraft Category:</b>             | Airplane        |
| <b>Year of Manufacture:</b>          |                              | <b>Amateur Built:</b>                 |                 |
| <b>Airworthiness Certificate:</b>    | Normal                       | <b>Serial Number:</b>                 | 10861           |
| <b>Landing Gear Type:</b>            | Tailwheel                    | <b>Seats:</b>                         | 2               |
| <b>Date/Type of Last Inspection:</b> | March 1, 2006 Annual         | <b>Certified Max Gross Wt.:</b>       | 1450 lbs        |
| <b>Time Since Last Inspection:</b>   | 31 Hrs                       | <b>Engines:</b>                       | 1 Reciprocating |
| <b>Airframe Total Time:</b>          | 2109 Hrs at time of accident | <b>Engine Manufacturer:</b>           | Continental     |
| <b>ELT:</b>                          | Installed, not activated     | <b>Engine Model/Series:</b>           | C-85-12F        |
| <b>Registered Owner:</b>             | Jerry W. Wiese               | <b>Rated Power:</b>                   | 85 Horsepower   |
| <b>Operator:</b>                     |                              | <b>Operating Certificate(s) Held:</b> | None            |

## Meteorological Information and Flight Plan

|   |                                  |   |                   |
|---|----------------------------------|---|-------------------|
| <b>Conditions at Accident Site:</b>     | Visual (VMC)                     | <b>Condition of Light:</b>                  | Day               |
| <b>Observation Facility, Elevation:</b> | 679 ft msl                       | <b>Distance from Accident Site:</b>         | 21 Nautical Miles |
| <b>Observation Time:</b>                | 14:53 Local                      | <b>Direction from Accident Site:</b>        | 320°              |
| <b>Lowest Cloud Condition:</b>          | Scattered / 6000 ft AGL          | <b>Visibility</b>                           | 10 miles          |
| <b>Lowest Ceiling:</b>                  | None                             | <b>Visibility (RVR):</b>                    |                   |
| <b>Wind Speed/Gusts:</b>                | 5 knots /                        | <b>Turbulence Type Forecast/Actual:</b>     | /                 |
| <b>Wind Direction:</b>                  |                                  | <b>Turbulence Severity Forecast/Actual:</b> | /                 |
| <b>Altimeter Setting:</b>               | 30.18 inches Hg                  | <b>Temperature/Dew Point:</b>               | 19°C / 3°C        |
| <b>Precipitation and Obscuration:</b>   | No Obscuration; No Precipitation |   |                   |
| <b>Departure Point:</b>                 | Pageland, SC (KPYG)              | <b>Type of Flight Plan Filed:</b>           | None              |
| <b>Destination:</b>                     | (KPYG)                           | <b>Type of Clearance:</b>                   | None              |
| <b>Departure Time:</b>                  | 14:40 Local                      | <b>Type of Airspace:</b>                    |                   |

## Airport Information

|                             |                       |                                  |                           |
|-----------------------------|-----------------------|----------------------------------|---------------------------|
| <b>Airport:</b>             | Pageland Airport KPYG | <b>Runway Surface Type:</b>      | Asphalt                   |
| <b>Airport Elevation:</b>   | 575 ft msl            | <b>Runway Surface Condition:</b> | Dry                       |
| <b>Runway Used:</b>         | 5                     | <b>IFR Approach:</b>             | None                      |
| <b>Runway Length/Width:</b> | 3400 ft / 60 ft       | <b>VFR Approach/Landing:</b>     | Full stop;Traffic pattern |

## 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> | 34.741943,-80.345001 |

## Administrative Information

|  |   |
|--|---|
| <b>Investigator In Charge (IIC):</b>     | Smith, Carrol   |
| <b>Additional Participating Persons:</b> | Lewis W Blackwell; Columbia FSD-13; Columbia, SC  |
| <b>Original Publish Date:</b>            | July 31, 2006   |
| <b>Last Revision Date:</b>               |   |
| <b>Investigation Class:</b>              | <a href="#">Class</a>   |
| <b>Note:</b>                             | This accident report documents the factual circumstances of this accident as described to the NTSB.   |
| <b>Investigation Docket:</b>             | <a href="https://data.nts.gov/Docket?ProjectID=63414">https://data.nts.gov/Docket?ProjectID=63414</a> |

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