



# National Transportation Safety Board Aviation Accident Factual Report

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|--------------------------------|--------------------------------------|-------------------------|-------------|
| <b>Location:</b>               | MONONA, IA                           | <b>Accident Number:</b> | CHI97LA280  |
| <b>Date &amp; Time:</b>        | 09/01/1997, 1100 CDT                 | <b>Registration:</b>    | N6566W      |
| <b>Aircraft:</b>               | Piper PA-28                          | <b>Aircraft Damage:</b> | Substantial |
| <b>Defining Event:</b>         |                                      | <b>Injuries:</b>        | 2 None      |
| <b>Flight Conducted Under:</b> | Part 91: General Aviation - Personal |                         |             |

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On September 1, 1997, at 1100 central daylight time, a Piper PA-28-140, N6566W, sustained substantial damage on impact with the terrain while maneuvering at low altitude, near Monona, Iowa. The pilot said he was circling his property checking crops when the airplane struck the ground. The pilot and one passenger reported no injuries. The personal 14 CFR Part 91 flight was operating in visual meteorological conditions. No flight plan was on file. The local flight departed about 1030.

The pilot stated that he was conducting low level flight to inspect his crops. He said he attempted to gain altitude to avoid contact with trees; however, the airplane encountered a downdraft and he was unable to arrest the descent prior to impact with the terrain.

Subsequent to the accident an examination of the airplane and engine failed to reveal any preexisting anomalies.

## Pilot Information

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|----------------------------------|---|--|------------|
| <b>Certificate:</b>              | Private   | <b>Age:</b>                              | 85, 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>                   | Seatbelt   |
| <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 Valid Medical--w/<br>waivers/lim.   | <b>Last FAA Medical Exam:</b>            | 07/14/1997 |
| <b>Occupational Pilot:</b>       |   | <b>Last Flight Review or Equivalent:</b> |            |
| <b>Flight Time:</b>              | 740 hours (Total, all aircraft), 700 hours (Total, this make and model), 700 hours (Pilot In Command, all aircraft), 1 hours (Last 30 days, all aircraft) |  |            |

## Aircraft and Owner/Operator Information

|                               |                    |                                |                 |
|-------------------------------|--------------------|--------------------------------|-----------------|
| Aircraft Make:                | Piper              | Registration:                  | N6566W          |
| Model/Series:                 | PA-28 PA-28        | Aircraft Category:             | Airplane        |
| Year of Manufacture:          |                    | Amateur Built:                 | No              |
| Airworthiness Certificate:    | Normal; Utility    | Serial Number:                 | 28-20647        |
| Landing Gear Type:            | Tricycle           | Seats:                         | 4               |
| Date/Type of Last Inspection: | 05/29/1997, Annual | Certified Max Gross Wt.:       | 2150 lbs        |
| Time Since Last Inspection:   | 1 Hours            | Engines:                       | 1 Reciprocating |
| Airframe Total Time:          | 2429 Hours         | Engine Manufacturer:           | Lycoming        |
| ELT:                          | Installed          | Engine Model/Series:           | O-320-E2A       |
| Registered Owner:             | ARCHIE C. ADNEY    | Rated Power:                   | 150 hp          |
| Operator:                     | ARCHIE C. ADNEY    | Operating Certificate(s) Held: | None            |

## Meteorological Information and Flight Plan

|                                  |                         |                                      |                   |
|----------------------------------|-------------------------|--------------------------------------|-------------------|
| Conditions at Accident Site:     | Visual Conditions       | Condition of Light:                  | Day               |
| Observation Facility, Elevation: | KDE, 1157 ft msl        | Distance from Accident Site:         | 25 Nautical Miles |
| Observation Time:                | 1105 CDT                | Direction from Accident Site:        | 295°              |
| Lowest Cloud Condition:          | Scattered / 1800 ft agl | Visibility                           | 0 Miles           |
| Lowest Ceiling:                  | None / 0 ft agl         | Visibility (RVR):                    | 0 ft              |
| Wind Speed/Gusts:                | 4 knots /               | Turbulence Type Forecast/Actual:     | /                 |
| Wind Direction:                  | 170°                    | Turbulence Severity Forecast/Actual: | /                 |
| Altimeter Setting:               | 30 inches Hg            | Temperature/Dew Point:               | 26° C / 23° C     |
| Precipitation and Obscuration:   |                         |                                      |                   |
| Departure Point:                 | , IA (7C3)              | Type of Flight Plan Filed:           | None              |
| Destination:                     |                         | Type of Clearance:                   | None              |
| Departure Time:                  | 1030 CDT                | Type of Airspace:                    | Class G           |

## Wreckage and Impact Information

|                     |        |                      |             |
|---------------------|--------|----------------------|-------------|
| Crew Injuries:      | 1 None | Aircraft Damage:     | Substantial |
| Passenger Injuries: | 1 None | Aircraft Fire:       | None        |
| Ground Injuries:    | N/A    | Aircraft Explosion:  | None        |
| Total Injuries:     | 2 None | Latitude, Longitude: |             |

## Administrative Information

**Investigator In Charge (IIC):** STEPHEN A WILSON

**Additional Participating Persons:** JIM SMITH; DES MOINES, IA

**Investigation Docket:** 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 [pubinq@ntsb.gov](mailto:pubinq@ntsb.gov), or at 800-877-6799. Dockets released after this date are available at <http://dms.nts.gov/pubdms/>.