



# National Transportation Safety Board Aviation Accident Factual Report

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|--------------------------------|--------------------------------------|-------------------------|-----------------|
| <b>Location:</b>               | SCHAUMBURG, IL                       | <b>Accident Number:</b> | CHI91DEE05      |
| <b>Date &amp; Time:</b>        | 06/01/1991, 1730 CDT                 | <b>Registration:</b>    | N123CR          |
| <b>Aircraft:</b>               | CHARLES RAUCCI, JR. FIREBOLT         | <b>Aircraft Damage:</b> | Substantial     |
| <b>Defining Event:</b>         |                                      | <b>Injuries:</b>        | 1 Minor, 1 None |
| <b>Flight Conducted Under:</b> | Part 91: General Aviation - Personal |                         |                 |

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## Pilot Information

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|----------------------------------|--|--|----------------------------|
| <b>Certificate:</b>              | Private  | <b>Age:</b>                              | 50, Male                   |
| <b>Airplane Rating(s):</b>       | Multi-engine Land; Single-engine Land                                  | <b>Seat Occupied:</b>                    | Front                      |
| <b>Other Aircraft Rating(s):</b> | None   | <b>Restraint Used:</b>                   | Seatbelt, Shoulder harness |
| <b>Instrument Rating(s):</b>     | Airplane   | <b>Second Pilot Present:</b>             | Yes                        |
| <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>            | 03/30/1990                 |
| <b>Occupational Pilot:</b>       |  | <b>Last Flight Review or Equivalent:</b> |                            |
| <b>Flight Time:</b>              | 1250 hours (Total, all aircraft), 2 hours (Total, this make and model) |  |                            |

## Aircraft and Owner/Operator Information

|                               |  |                                |                 |
|-------------------------------|--|--------------------------------|-----------------|
| Aircraft Make:                | CHARLES RAUCCI, JR.                              | Registration:                  | N123CR          |
| Model/Series:                 | FIREBOLT FIREBOLT                                | Aircraft Category:             | Airplane        |
| Year of Manufacture:          |  | Amateur Built:                 | Yes             |
| Airworthiness Certificate:    | Experimental                                     | Serial Number:                 | 15              |
| Landing Gear Type:            | Tailwheel  | Seats:                         | 2               |
| Date/Type of Last Inspection: | Unknown  | Certified Max Gross Wt.:       |                 |
| Time Since Last Inspection:   | 0 Hours  | Engines:                       | 1 Reciprocating |
| Airframe Total Time:          |  | Engine Manufacturer:           | LYCOMING        |
| ELT:                          | Installed, activated, aided in locating accident | Engine Model/Series:           | IO-360-A2B      |
| Registered Owner:             |  | Rated Power:                   | 200 hp          |
| Operator:                     | CHARLES RAUCCI, JR.                              | Operating Certificate(s) Held: | None            |
| Operator Does Business As:    |  | Operator Designator Code:      | 06              |

## Meteorological Information and Flight Plan

|                                  |                         |                                      |                   |
|----------------------------------|-------------------------|--------------------------------------|-------------------|
| Conditions at Accident Site:     | Visual Conditions       | Condition of Light:                  | Day               |
| Observation Facility, Elevation: | DPA, 760 ft msl         | Distance from Accident Site:         | 14 Nautical Miles |
| Observation Time:                | 1643 CDT                | Direction from Accident Site:        | 240°              |
| Lowest Cloud Condition:          | Scattered / 4000 ft agl | Visibility                           | 10 Miles          |
| Lowest Ceiling:                  | Broken / 25000 ft agl   | Visibility (RVR):                    | 0 ft              |
| Wind Speed/Gusts:                | 6 knots /               | Turbulence Type Forecast/Actual:     | /                 |
| Wind Direction:                  | 90°                     | Turbulence Severity Forecast/Actual: | /                 |
| Altimeter Setting:               | 29 inches Hg            | Temperature/Dew Point:               | -18° C / -18° C   |
| Precipitation and Obscuration:   |                         |                                      |                   |
| Departure Point:                 |                         | Type of Flight Plan Filed:           | None              |
| Destination:                     |                         | Type of Clearance:                   | None              |
| Departure Time:                  | 1725 CDT                | Type of Airspace:                    |                   |

## Airport Information

|                      |                  |                           |                |
|----------------------|------------------|---------------------------|----------------|
| Airport:             | SCHAUMBURG (06C) | Runway Surface Type:      | Water          |
| Airport Elevation:   |                  | Runway Surface Condition: | Water--calm    |
| Runway Used:         | 0                | IFR Approach:             | None           |
| Runway Length/Width: |                  | VFR Approach/Landing:     | Forced Landing |

## Wreckage and Impact Information

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

## Administrative Information

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| <b>Investigator In Charge (IIC):</b>     | George W Bean   |
| <b>Additional Participating Persons:</b> | DANIEL COLEMAN; WEST CHICAGO, IL  |
| <b>Investigation Docket:</b>             | NTSB accident and incident docket 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> . |