



National Transportation Safety Board Aviation Accident Factual Report

| | | | |
|--------------------------------|--------------------------------------|-------------------------|-------------|
| Location: | Chicago, IL | Accident Number: | CHI03LA001 |
| Date & Time: | 10/01/2002, 1040 CDT | Registration: | N22RJ |
| Aircraft: | Mooney M20J | Aircraft Damage: | Substantial |
| Defining Event: | | Injuries: | 2 None |
| Flight Conducted Under: | Part 91: General Aviation - Business | | |

On October 1, 2002, at 1040 central daylight time, a Mooney M20J, N22RJ, collided with the terrain following a loss of control while landing on runway 18 (3,899 feet by 150 feet, asphalt) at the Merrill C. Meigs Airport (CGX), Chicago, Illinois. The private pilot and his pilot rated passenger were not injured. The airplane was substantially damaged. The 14 CFR Part 91 personal flight was operating in visual meteorological conditions. The flight originated from Madison, Wisconsin, at 1000.

The pilot reported they approached the airport from the north over Navy Pier. He stated the winds were fine until they were approximately one mile out from the airport at which time they became gusty. The pilot reported he flew the approach with flaps down and at an airspeed of 80 knots. He reported that on touchdown, the airplane bounced and veered to the left. He applied power to go-around; however, the airplane continued to veer left. The left wing contacted the ground, and the airplane spun around coming to rest on a northerly heading.

A weather observation taken at CGX, 10 minutes prior to the accident, reported the wind condition as 240 degrees at 10 knots.

Pilot Information

| | | | |
|----------------------------------|---|--|----------------------------|
| Certificate: | Private | Age: | 53, Male |
| Airplane Rating(s): | Single-engine Land | Seat Occupied: | Left |
| Other Aircraft Rating(s): | None | Restraint Used: | Seatbelt, Shoulder harness |
| Instrument Rating(s): | None | Second Pilot Present: | Yes |
| Instructor Rating(s): | None | Toxicology Performed: | No |
| Medical Certification: | Class 3 Valid Medical--w/ waivers/lim. | Last FAA Medical Exam: | 03/13/2001 |
| Occupational Pilot: | | Last Flight Review or Equivalent: | 05/17/2001 |
| Flight Time: | 215 hours (Total, all aircraft), 60 hours (Total, this make and model), 75 hours (Pilot In Command, all aircraft), 2 hours (Last 90 days, all aircraft), 1 hours (Last 30 days, all aircraft) | | |

Other Flight Crew Information

| | | | |
|----------------------------------|--|--|----------------------------|
| Certificate: | Flight Instructor; Commercial | Age: | 34, Male |
| Airplane Rating(s): | Multi-engine Land; Single-engine Land | Seat Occupied: | Rear |
| Other Aircraft Rating(s): | None | Restraint Used: | Seatbelt, Shoulder harness |
| Instrument Rating(s): | Airplane | Second Pilot Present: | Yes |
| Instructor Rating(s): | Airplane Multi-engine; Airplane Single-engine; Instrument Airplane | Toxicology Performed: | No |
| Medical Certification: | Class 1 Valid Medical--no waivers/lim. | Last FAA Medical Exam: | 03/05/2002 |
| Occupational Pilot: | | Last Flight Review or Equivalent: | 03/10/2002 |
| Flight Time: | 1697 hours (Total, all aircraft), 38 hours (Total, this make and model), 1479 hours (Pilot In Command, all aircraft), 23 hours (Last 90 days, all aircraft), 12 hours (Last 30 days, all aircraft) | | |

Aircraft and Owner/Operator Information

| | | | |
|--------------------------------------|------------------------|---------------------------------------|-----------------|
| Aircraft Make: | Mooney | Registration: | N22RJ |
| Model/Series: | M20J | Aircraft Category: | Airplane |
| Year of Manufacture: | | Amateur Built: | No |
| Airworthiness Certificate: | Normal | Serial Number: | 24-3207 |
| Landing Gear Type: | Retractable - Tricycle | Seats: | 4 |
| Date/Type of Last Inspection: | 03/04/2002, Annual | Certified Max Gross Wt.: | 2740 lbs |
| Time Since Last Inspection: | 42 Hours | Engines: | 1 Reciprocating |
| Airframe Total Time: | 42 Hours | Engine Manufacturer: | Lycoming |
| ELT: | | Engine Model/Series: | IO-360 |
| Registered Owner: | Stanley L. Reed | Rated Power: | 200 hp |
| Operator: | Stanley L. Reed | Operating Certificate(s) Held: | None |

Meteorological Information and Flight Plan

| | | | |
|----------------------------------|--------------------------|---|------------------|
| Conditions at Accident Site: | Visual Conditions | Condition of Light: | Day |
| Observation Facility, Elevation: | CGX, 593 ft msl | Distance from Accident Site: | 0 Nautical Miles |
| Observation Time: | 1030 CDT | Direction from Accident Site: | 0° |
| Lowest Cloud Condition: | Scattered / 20000 ft agl | Visibility | 10 Miles |
| Lowest Ceiling: | None | Visibility (RVR): | |
| Wind Speed/Gusts: | 10 knots / | Turbulence Type Forecast/Actual: | / |
| Wind Direction: | 240° | Turbulence Severity Forecast/Actual: | / |
| Altimeter Setting: | 29.97 inches Hg | Temperature/Dew Point: | 25° C / 19° C |
| Precipitation and Obscuration: | | | |
| Departure Point: | Madison, WI (MSN) | Type of Flight Plan Filed: | None |
| Destination: | Chicago, IL (CGX) | Type of Clearance: | VFR |
| Departure Time: | 1000 CDT | Type of Airspace: | Class D |

Airport Information

| | | | |
|----------------------|--------------------------------|---------------------------|-------------|
| Airport: | Merrill C. Meigs Airport (CGX) | Runway Surface Type: | Asphalt |
| Airport Elevation: | 593 ft | Runway Surface Condition: | Dry |
| Runway Used: | 18 | IFR Approach: | Unknown |
| Runway Length/Width: | 3899 ft / 150 ft | VFR Approach/Landing: | Straight-in |

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: | 41.858611, -87.607778 |

Administrative Information

| | |
|-----------------------------------|--|
| Investigator In Charge (IIC): | Pamela Sullivan |
| Additional Participating Persons: | Dan Coleman; FAA- DuPage FSDO; West Chicago, IL |
| 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 pubinquiry@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ . |