



National Transportation Safety Board Aviation Accident Factual Report

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|-------------------------|----------------------|-------------------------|-------------|
| Location: | San Jose, CA | Accident Number: | LAX05CA128 |
| Date & Time: | 04/01/2005, 1325 PST | Registration: | N4789G |
| Aircraft: | Cessna 172N | Aircraft Damage: | Substantial |
| Defining Event: | | Injuries: | 1 None |

Flight Conducted Under: Part 91: General Aviation - Instructional

On April 1, 2005, at 1325 Pacific standard time, a Cessna 172N, N4789G, landed hard on runway 31L, at Reid-Hillview Airport of Santa Clara County (RHV), San Jose, California. American School of Aviation operated the airplane under the provisions of 14 CFR Part 91 as an instructional flight. The airplane sustained substantial damage. The student pilot, the sole occupant, was not injured. Visual meteorological conditions prevailed for the local area flight, and no flight plan had been filed. The flight was scheduled to terminate at RHV.

In the student pilot's written statement he reported that the purpose of the flight was to practice short and soft field takeoffs and landings. During the landing flare, he pulled back on the yoke and reduced the power. He noted that the airspeed was 50 knots indicated airspeed (KIAS). The pilot said he then pulled off the power, but the airplane was still too high above the runway at a low airspeed and it stalled. The student pilot reported that he had accrued a total flight time of 30 hours.

According to the student's certified flight instructor (CFI), this was the student pilot's fourth solo flight. The CFI stated that the student had completed three short and soft field landings, and he decided that the student was ready to practice on his own. The CFI reported that the flight was an unsupervised solo.

Student Pilot Information

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| Certificate: | Student | Age: | 19, Male |
| Airplane Rating(s): | None | Seat Occupied: | |
| Other Aircraft Rating(s): | None | Restraint Used: | Seatbelt, Shoulder harness |
| Instrument Rating(s): | None | Second Pilot Present: | |
| Instructor Rating(s): | | Toxicology Performed: | |
| Medical Certification: | Class 1 | Last FAA Medical Exam: | 01/24/2005 |
| Occupational Pilot: | | Last Flight Review or Equivalent: | |
| Flight Time: | 35 hours (Total, all aircraft), 35 hours (Total, this make and model) | | |

Aircraft and Owner/Operator Information

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|--------------------------------------|-----------------------------|---------------------------------------|-----------------|
| Aircraft Make: | Cessna | Registration: | N4789G |
| Model/Series: | 172N | Aircraft Category: | Airplane |
| Year of Manufacture: | | Amateur Built: | No |
| Airworthiness Certificate: | Normal; Utility | Serial Number: | 17273343 |
| Landing Gear Type: | Tricycle | Seats: | |
| Date/Type of Last Inspection: | | Certified Max Gross Wt.: | |
| Time Since Last Inspection: | | Engines: | 1 Reciprocating |
| Airframe Total Time: | | Engine Manufacturer: | Lycoming |
| ELT: | | Engine Model/Series: | O-320-H2AD |
| Registered Owner: | Norman O. Flisram | Rated Power: | |
| Operator: | American School of Aviation | Operating Certificate(s) Held: | None |

Meteorological Information and Flight Plan

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| Conditions at Accident Site: | Visual Conditions | Condition of Light: | Day |
| Observation Facility, Elevation: | SJC | Distance from Accident Site: | |
| Observation Time: | 1353 | Direction from Accident Site: | |
| Lowest Cloud Condition: | Scattered / 16000 ft agl | Visibility | 10 Miles |
| Lowest Ceiling: | Broken / 20000 ft agl | Visibility (RVR): | |
| Wind Speed/Gusts: | 11 knots / | Turbulence Type Forecast/Actual: | / |
| Wind Direction: | 320° | Turbulence Severity Forecast/Actual: | / |
| Altimeter Setting: | 30.16 inches Hg | Temperature/Dew Point: | 22° C / 8° C |
| Precipitation and Obscuration: | | | |
| Departure Point: | San Jose, CA (KRHV) | Type of Flight Plan Filed: | None |
| Destination: | San Jose, CA (KRHV) | Type of Clearance: | VFR |
| Departure Time: | PST | Type of Airspace: | Class D |

Airport Information

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|----------------------|----------------------|---------------------------|-----------|
| Airport: | Reid Hillview (KRHV) | Runway Surface Type: | Asphalt |
| Airport Elevation: | | Runway Surface Condition: | Dry |
| Runway Used: | 31L | IFR Approach: | None |
| Runway Length/Width: | 3099 ft / 75 ft | VFR Approach/Landing: | Full Stop |

Wreckage and Impact Information

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|---------------------|--------|----------------------|------------------------|
| Crew Injuries: | 1 None | Aircraft Damage: | Substantial |
| Passenger Injuries: | N/A | Aircraft Fire: | None |
| Ground Injuries: | N/A | Aircraft Explosion: | |
| Total Injuries: | 1 None | Latitude, Longitude: | 37.316667, -121.821944 |

Administrative Information

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| Investigator In Charge (IIC): | Tealeye Cornejo |
| Additional Participating Persons: | John Caulfield; Federal Aviation Administration; San Jose, CA |
| Note: | This accident report documents the factual circumstances of this accident as described to the NTSB. |
| 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 , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ . |