



National Transportation Safety Board Aviation Accident Final Report

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|--------------------------------|---|-------------------------|-------------|
| Location: | Venice, FL | Accident Number: | NYC08CA047 |
| Date & Time: | 11/26/2007, 1140 EST | Registration: | N461TC |
| Aircraft: | Cessna 152 | Aircraft Damage: | Substantial |
| Defining Event: | | Injuries: | 1 None |
| Flight Conducted Under: | Part 91: General Aviation - Instructional | | |

Analysis

During his first solo flight, the student pilot flew the Cessna 152 "fast" on final approach and flared higher than normal. The airplane bounced on the runway, and the student pilot initiated a go-around. He then lost control of the airplane, and it impacted grass off to the side of the runway. The student pilot reported no mechanical anomalies and stated that he used 10-degrees of flaps instead of 30-degrees during the approach. At the time of the accident, the student pilot had accumulated 23 hours of total flight experience, all in the make and model, and within the previous 90 days.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be:
The student pilot's improper recovery from a bounced landing.

Findings

Occurrence #1: LOSS OF CONTROL - IN FLIGHT
Phase of Operation: GO-AROUND (VFR)

Findings

1. (C) RECOVERY FROM BOUNCED LANDING - IMPROPER - PILOT IN COMMAND

Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: DESCENT - UNCONTROLLED

Findings

2. TERRAIN CONDITION - GRASS

Factual Information

Student Pilot Information

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|---------------------------|---|-----------------------------------|----------------------------|
| Certificate: | Student | Age: | 17, Male |
| Airplane Rating(s): | None | Seat Occupied: | Left |
| Other Aircraft Rating(s): | None | Restraint Used: | Seatbelt, Shoulder harness |
| Instrument Rating(s): | None | Second Pilot Present: | No |
| Instructor Rating(s): | None | Toxicology Performed: | No |
| Medical Certification: | Class 1 With Waivers/Limitations | Last FAA Medical Exam: | 08/01/2007 |
| Occupational Pilot: | | Last Flight Review or Equivalent: | |
| Flight Time: | 23 hours (Total, all aircraft), 23 hours (Total, this make and model), 1 hours (Pilot In Command, all aircraft), 23 hours (Last 90 days, all aircraft), 19 hours (Last 30 days, all aircraft) | | |

Aircraft and Owner/Operator Information

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|-------------------------------|--------------------------------|--------------------------------|-----------------|
| Aircraft Make: | Cessna | Registration: | N461TC |
| Model/Series: | 152 | Aircraft Category: | Airplane |
| Year of Manufacture: | | Amateur Built: | No |
| Airworthiness Certificate: | Normal | Serial Number: | 15283103 |
| Landing Gear Type: | Tricycle | Seats: | 2 |
| Date/Type of Last Inspection: | | Certified Max Gross Wt.: | |
| Time Since Last Inspection: | | Engines: | 1 Reciprocating |
| Airframe Total Time: | | Engine Manufacturer: | Lycoming |
| ELT: | Installed, not activated | Engine Model/Series: | O-235 |
| Registered Owner: | Florida Flight Training Center | Rated Power: | |
| Operator: | Florida Flight Training Center | 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: | SRQ | Distance from Accident Site: | 21 Nautical Miles |
| Observation Time: | EST | Direction from Accident Site: | 360° |
| Lowest Cloud Condition: | Clear | Visibility | 10 Miles |
| Lowest Ceiling: | None | Visibility (RVR): | |
| Wind Speed/Gusts: | 13 knots / | Turbulence Type Forecast/Actual: | / |
| Wind Direction: | 140° | Turbulence Severity Forecast/Actual: | / |
| Altimeter Setting: | | Temperature/Dew Point: | 24° C / 20° C |
| Precipitation and Obscuration: | No Obscuration; No Precipitation | | |
| Departure Point: | Venice, FL | Type of Flight Plan Filed: | None |
| Destination: | Venice, FL (VNC) | Type of Clearance: | None |
| Departure Time: | | Type of Airspace: | |

Airport Information

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|----------------------|--------------------------------|---------------------------|----------------------------|
| Airport: | Venice Municipal Airport (VNC) | Runway Surface Type: | Asphalt |
| Airport Elevation: | 18 ft | Runway Surface Condition: | Dry |
| Runway Used: | 13 | IFR Approach: | None |
| Runway Length/Width: | 4999 ft / 150 ft | VFR Approach/Landing: | Full Stop; Traffic Pattern |

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: | None |
| Total Injuries: | 1 None | Latitude, Longitude: | 27.071389, -82.440278 |

Administrative Information

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|-----------------------------------|--|--------------|------------|
| Investigator In Charge (IIC): | Jill M Andrews | Report Date: | 01/31/2008 |
| Additional Participating Persons: | Hector Diaz; FAA/FSDO; Tampa, FL | | |
| Publish Date: | | | |
| 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 pubinquiry@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ . | | |

The National Transportation Safety Board (NTSB), established in 1967, is an independent federal agency mandated by Congress through the Independent Safety Board Act of 1974 to investigate transportation accidents, determine the probable causes of the accidents, issue safety recommendations, study transportation safety issues, and evaluate the safety effectiveness of government agencies involved in transportation. The NTSB makes public its actions and decisions through accident reports, safety studies, special investigation reports, safety recommendations, and statistical reviews.

The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report. A factual report that may be admissible under 49 U.S.C. § 1154(b) is available [here](#).