



National Transportation Safety Board Aviation Accident Data Summary

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|--------------------------------|---|-------------------------|------------|
| Location: | TROY, MI | Accident Number: | CHI98LA090 |
| Date & Time: | 02/01/1998, 1215 EST | Registration: | N6327K |
| Aircraft: | Cessna 150M | Injuries: | 1 None |
| Flight Conducted Under: | Part 91: General Aviation - Instructional | | |

Analysis

The student pilot said that while landing on runway 27 at Oakland-Troy Airport, he experienced 'turbulence and crosswind.' After touchdown, the airplane drifted to the left and departed the runway. The nose wheel dug into mud, and the airplane nosed over. Examination of the wreckage revealed no anomaly. About 13 miles northwest at Oakland-Pontiac Municipal Airport, the 1145 est wind was reported to be from 200 degrees at 12 knots.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: the student pilot's failure to maintain direction control of the airplane. Factors relating to this accident were: the crosswind, and wet/soft terrain (mud) beside the runway.

Findings

Occurrence #1: LOSS OF CONTROL - ON GROUND/WATER
Phase of Operation: LANDING

Findings

1. (F) WEATHER CONDITION - CROSSWIND
 2. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND
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Occurrence #2: NOSE OVER
Phase of Operation: LANDING - ROLL

Findings

3. (F) TERRAIN CONDITION - WET
4. (F) TERRAIN CONDITION - SOFT

Pilot Information

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|----------------------------------|--|------------------------------|------|
| Certificate: | Student | Age: | 23 |
| Airplane Rating(s): | None | Instrument Rating(s): | None |
| Other Aircraft Rating(s): | None | Instructor Rating(s): | None |
| Flight Time: | 25 hours (Total, all aircraft), 25 hours (Total, this make and model), 25 hours (Last 90 days, all aircraft), 13 hours (Last 30 days, all aircraft), 3 hours (Last 24 hours, all aircraft) | | |

Aircraft and Owner/Operator Information

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|---------------------------------------|---|-----------------------------|-----------------|
| Aircraft Make: | Cessna | Registration: | N6327K |
| Model/Series: | 150M 150M | Engines: | 1 Reciprocating |
| Operator: | LINDA LEASING COMPANY | Engine Manufacturer: | Continental |
| Operating Certificate(s) Held: | None | Engine Model/Series: | O-200-A |
| Flight Conducted Under: | Part 91: General Aviation - Instructional | | |

Meteorological Information and Flight Plan

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|---|----------------------|-------------------------------------|------------------------------|
| Conditions at Accident Site: | Visual Conditions | Condition of Light: | Day |
| Observation Facility, Elevation: | PTK, 980 ft msl | Weather Information Source: | Weather Observation Facility |
| Lowest Ceiling: | Broken / 2000 ft agl | Wind Speed/Gusts, Direction: | 12 knots / , 200° |
| Temperature: | 2° C | Visibility | 10 Miles |
| Precipitation and Obscuration: | | | |
| Departure Point: | ROMEO, MI (D98) | Destination: | (7D2) |

Airport Information

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|-----------------------------|--------------------|----------------------------------|---------|
| Airport: | OAKLAND/TROY (7D2) | Runway Surface Type: | Asphalt |
| Runway Used: | 27 | Runway Surface Condition: | Dry |
| Runway Length/Width: | 3846 ft / 50 ft | | |

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 |
| Latitude, Longitude: | | | |

Administrative Information

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|--------------------------------------|--|----------------------|------------|
| Investigator In Charge (IIC): | DAVID C BOWLING | Adopted Date: | 05/29/1998 |
| 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/ . | | |

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.