



# National Transportation Safety Board Aviation Accident Data Summary

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|                                |   |                         |            |
|--------------------------------|---|-------------------------|------------|
| <b>Location:</b>               | Willows, CA                               | <b>Accident Number:</b> | WPR10CA236 |
| <b>Date &amp; Time:</b>        | 05/01/2010, 1415 PDT                      | <b>Registration:</b>    | N6628X     |
| <b>Aircraft:</b>               | BEECH 76                                  | <b>Injuries:</b>        | 2 None     |
| <b>Flight Conducted Under:</b> | Part 91: General Aviation - Instructional |                         |            |

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## Analysis

The certified flight instructor (CFI) and student pilot were performing a short field landing in the multi-engine airplane. The CFI reported that the student pilot was at the controls, and performing a stable landing approach. During the landing flare the airplane banked 30 degrees to the right and the CFI attempted to apply corrective control inputs. He stated that the airspeed, altitude, and bank angle prevented him from performing a go-around. The airplane landed, departed the runway, and came to rest beyond a parallel taxiway. Post accident examination revealed damage to the right aileron, and creases in the upper wing skins, adjacent to the right engine. The CFI stated that there were no mechanical malfunctions or failures of the airplane, and that gusting left crosswinds existed at the time of the accident.

## Flight Events

Approach-VFR pattern final - Loss of control in flight  
Landing-flare/touchdown - Runway excursion  
Landing-landing roll - Collision with terr/obj (non-CFIT)

## Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The student pilot's inadequate compensation for the gusting crosswind conditions and the certified flight instructor's inadequate supervision, resulting in a loss of directional control during landing.

## Findings

Aircraft-Aircraft oper/perf/capability-Performance/control parameters-Directional control-Not attained/maintained - C  
Personnel issues-Psychological-Attention/monitoring-Monitoring other person-Instructor/check pilot - C  
Personnel issues-Task performance-Use of equip/info-Aircraft control-Student pilot - C  
Environmental issues-Conditions/weather/phenomena-Wind-Crosswind-Response/compensation - C

## Flight Instructor Information

|                                  |  |                              |  |
|----------------------------------|--|------------------------------|--|
| <b>Certificate:</b>              | Commercial   | <b>Age:</b>                  | 28   |
| <b>Airplane Rating(s):</b>       | Multi-engine Land; Single-engine Land  | <b>Instrument Rating(s):</b> | Airplane   |
| <b>Other Aircraft Rating(s):</b> | None   | <b>Instructor Rating(s):</b> | Airplane Multi-engine; Airplane Single-engine; Instrument Airplane |
| <b>Flight Time:</b>              | 1206 hours (Total, all aircraft), 95 hours (Total, this make and model), 1120 hours (Pilot In Command, all aircraft), 219 hours (Last 90 days, all aircraft), 83 hours (Last 30 days, all aircraft), 5 hours (Last 24 hours, all aircraft) |                              |  |

## Student Pilot Information

|                                  |   |                              |          |
|----------------------------------|---|------------------------------|----------|
| <b>Certificate:</b>              | Private   | <b>Age:</b>                  | 22       |
| <b>Airplane Rating(s):</b>       | Single-engine Land  | <b>Instrument Rating(s):</b> | Airplane |
| <b>Other Aircraft Rating(s):</b> | None  | <b>Instructor Rating(s):</b> | None     |
| <b>Flight Time:</b>              | 100 hours (Total, all aircraft), 3 hours (Total, this make and model) |                              |          |

## Aircraft and Owner/Operator Information

|   |   |                             |                 |
|---|---|-----------------------------|-----------------|
| <b>Aircraft Manufacturer:</b>             | BEECH                                     | <b>Registration:</b>        | N6628X          |
| <b>Model/Series:</b>                      | 76  | <b>Engines:</b>             | 2 Reciprocating |
| <b>Operator:</b>                          | IASCO FLIGHT TRAINING INC                 | <b>Engine Manufacturer:</b> | Lycoming        |
| <b>Air Carrier Operating Certificate:</b> | None                                      | <b>Engine Model/Series:</b> | O-360           |
| <b>Flight Conducted Under:</b>            | Part 91: General Aviation - Instructional |                             |                 |

## Meteorological Information and Flight Plan

|   |                                  |                                     |                              |
|---|----------------------------------|-------------------------------------|------------------------------|
| <b>Observation Facility, Elevation:</b> | OVE, 192 ft msl                  | <b>Weather Information Source:</b>  | Weather Observation Facility |
| <b>Conditions at Accident Site:</b>     | Visual Conditions                | <b>Lowest Ceiling:</b>              | None                         |
| <b>Condition of Light:</b>              | Day                              | <b>Wind Speed/Gusts, Direction:</b> | 9 knots, 310°                |
| <b>Temperature:</b>                     | 24°C / 6°C                       | <b>Visibility</b>                   | 10 Miles                     |
| <b>Precipitation and Obscuration:</b>   | No Obscuration; No Precipitation |                                     |                              |
| <b>Departure Point:</b>                 | Redding, CA (RDD)                | <b>Destination:</b>                 | Willows, CA (WLW)            |

## Airport Information

|                             |                                    |                                  |         |
|-----------------------------|------------------------------------|----------------------------------|---------|
| <b>Airport:</b>             | Willows-Glenn County Airport (WLW) | <b>Runway Surface Type:</b>      | Asphalt |
| <b>Runway Used:</b>         | 34                                 | <b>Runway Surface Condition:</b> | Dry     |
| <b>Runway Length/Width:</b> | 4125 ft / 100 ft                   |                                  |         |

## Wreckage and Impact Information

|                            |        |                            |             |
|----------------------------|--------|----------------------------|-------------|
| <b>Crew Injuries:</b>      | 2 None | <b>Aircraft Damage:</b>    | Substantial |
| <b>Passenger Injuries:</b> | N/A    | <b>Aircraft Fire:</b>      | None        |
| <b>Ground Injuries:</b>    | N/A    | <b>Aircraft Explosion:</b> | None        |

## Administrative Information

|                               |   |               |            |
|-------------------------------|---|---------------|------------|
| Investigator In Charge (IIC): | Eliott Simpson  | Adopted Date: | 07/22/2010 |
| Note:                         | This accident report documents the factual circumstances of this accident as described to the NTSB.                             |               |            |
| Investigation Docket:         | <a href="http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=75978">http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=75978</a> |               |            |

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