



National Transportation Safety Board Aviation Accident Final Report

Location:	Willows, CA	Accident Number:	WPR10CA236
Date & Time:	05/01/2010, 1415 PDT	Registration:	N6628X
Aircraft:	BEECH 76	Aircraft Damage:	Substantial
Defining Event:	Loss of control in flight	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

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.

Probable Cause and Findings

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	Directional control - Not attained/maintained (Cause)
Personnel issues	Monitoring other person - Instructor/check pilot (Cause) Aircraft control - Student pilot (Cause)
Environmental issues	Crosswind - Response/compensation (Cause)

Factual Information

History of Flight

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

Flight Instructor Information

Certificate:	Commercial	Age:	28, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Right
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 Without Waivers/Limitations	Last Medical Exam:	05/05/2010
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	03/19/2010
Flight Time:	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

Certificate:	Private	Age:	22, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 Without Waivers/Limitations	Last Medical Exam:	02/10/2009
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:	100 hours (Total, all aircraft), 3 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	BEECH	Registration:	N6628X
Model/Series:	76	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	ME-218
Landing Gear Type:	Retractable - Tricycle	Seats:	4
Date/Type of Last Inspection:	Unknown	Certified Max Gross Wt.:	3900 lbs
Time Since Last Inspection:		Engines:	2 Reciprocating
Airframe Total Time:		Engine Manufacturer:	Lycoming
ELT:	Installed, not activated	Engine Model/Series:	O-360
Registered Owner:	IASCO FLIGHT TRAINING INC	Rated Power:	180 hp
Operator:	IASCO FLIGHT TRAINING INC	Air Carrier Operating Certificate:	None
Operator Does Business As:		Operator Designator Code:	NN3A

Meteorological Information and Flight Plan

Observation Facility, Elevation:	OVE, 192 ft msl	Observation Time:	1353 MST
Distance from Accident Site:	28 Nautical Miles	Condition of Light:	Day
Direction from Accident Site:	90°	Conditions at Accident Site:	Visual Conditions
Lowest Cloud Condition:	Clear	Temperature/Dew Point:	24° C / 6° C
Lowest Ceiling:	None	Visibility	10 Miles
Wind Speed/Gusts, Direction:	9 knots, 310°	Visibility (RVR):	
Altimeter Setting:	29.92 inches Hg	Visibility (RVV):	
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Redding, CA (RDD)	Type of Flight Plan Filed:	Unknown
Destination:	Willows, CA (WLW)	Type of Clearance:	None
Departure Time:	1300 PDT	Type of Airspace:	

Airport Information

Airport:	Willows-Glenn County Airport (WLW)	Runway Surface Type:	Asphalt
Airport Elevation:	141 ft	Runway Surface Condition:	Dry
Runway Used:	34	IFR Approach:	None
Runway Length/Width:	4125 ft / 100 ft	VFR Approach/Landing:	Full Stop; Straight-in

Wreckage and Impact Information

Crew Injuries:	2 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 None		

Administrative Information

Investigator In Charge (IIC):	Elliott Simpson	Adopted Date:	07/22/2010
Additional Participating Persons:	Rick Stockton; Federal Aviation Administration FSDO; Sacramento, CA		
Publish Date:	03/15/2011		
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=75978		

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