



National Transportation Safety Board Aviation Accident Data Summary

Location:	Spanish Fork, UT	Accident Number:	WPR09CA322
Date & Time:	07/01/2009, 1230 MDT	Registration:	N765DC
Aircraft:	DIAMOND AIRCRAFT IND INC DA 20-C1	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

The student pilot reported that his final approach to the runway was high and that he "slipped" the airplane to lose altitude. As the airplane crossed over the runway, he pitched the airplane forward to prepare for landing. The student pilot stated that he "felt the [air]plane losing forward momentum and added throttle to compensate." The airplane landed hard, bounced back into the air, and began to drift to the left. As the student pilot attempted to abort the landing by applying full throttle and reducing flaps, the airplane landed hard and exited the runway to the left. Subsequently, the airplane impacted a ditch, which resulted in structural damage to the rudder, left aileron, fuselage, and engine firewall. The student pilot reported no mechanical anomalies with the engine or airframe prior to the accident.

Flight Events

Landing-flare/touchdown - Hard landing
Landing-landing roll - Runway excursion

Probable Cause

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

Findings

Aircraft-Aircraft oper/perf/capability-Performance/control parameters-Landing flare-Incorrect use/operation - C

Personnel issues-Task performance-Use of equip/info-Aircraft control-Pilot - C

Student Pilot Information

Certificate:	Student	Age:	35
Airplane Rating(s):	None	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	29 hours (Total, all aircraft), 16 hours (Total, this make and model), 2 hours (Pilot In Command, all aircraft), 29 hours (Last 90 days, all aircraft), 21 hours (Last 30 days, all aircraft), 3 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	DIAMOND AIRCRAFT IND INC	Registration:	N765DC
Model/Series:	DA 20-C1	Engines:	1 Reciprocating
Operator:	AIRGYRO AVIATION LLC	Engine Manufacturer:	CONT MOTOR
Air Carrier Operating Certificate:	None	Engine Model/Series:	IO-240 SER
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Meteorological Information and Flight Plan

Observation Facility, Elevation:	PVU, 4497 ft msl	Weather Information Source:	Weather Observation Facility
Conditions at Accident Site:	Visual Conditions	Lowest Ceiling:	None
Condition of Light:	Day	Wind Speed/Gusts, Direction:	5 knots, 150°
Temperature:	28°C / 14°C	Visibility	10 Miles
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Spanish Fork, UT (U77)	Destination:	Spanish Fork, UT (U77)

Airport Information

Airport:	Spanish Fork-Springville (U77)	Runway Surface Type:	Asphalt
Runway Used:	30	Runway Surface Condition:	Dry
Runway Length/Width:	5700 ft / 100 ft		

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None

Administrative Information

Investigator In Charge (IIC):	Joshua Cawthra	Adopted Date:	09/10/2009
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=74171		

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