



National Transportation Safety Board Aviation Accident Data Summary

Location:	El Cajon, CA	Accident Number:	LAX08CA090
Date & Time:	04/01/2008, 1500 PDT	Registration:	N64938
Aircraft:	Cessna 152	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

The student was on a solo flight to practice touch-and-go landings. He said he made six successful landings, but noticed that the winds were increasing. On the seventh approach, the winds were variable and started to gust. The student said that he maintained 55 knots as he came over the approach end of the runway. The airplane suddenly drifted to the left side of the runway. He used ailerons, and corrected to the centerline. The airplane touched down hard, and bounced. After the airplane came to rest, he saw smoke and fire, and evacuated from the airplane.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: the student pilot's inadequate compensation for gusty, crosswind conditions, and failure to maintain an adequate airspeed.

Findings

Occurrence #1: HARD LANDING
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

1. WEATHER CONDITION - CROSSWIND
2. WEATHER CONDITION - GUSTS
3. (C) COMPENSATION FOR WIND CONDITIONS - INADEQUATE - PILOT IN COMMAND
4. (C) AIRSPEED - NOT MAINTAINED - PILOT IN COMMAND
5. (C) STALL/MUSH - ENCOUNTERED - PILOT IN COMMAND

Pilot Information

Certificate:	Student	Age:	20
Airplane Rating(s):	None	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	
Flight Time:	27 hours (Total, all aircraft), 27 hours (Total, this make and model), 27 hours (Last 90 days, all aircraft), 15 hours (Last 30 days, all aircraft), 7 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	Cessna	Registration:	N64938
Model/Series:	152	Engines:	1 Reciprocating
Operator:	Fly CFA LLC	Engine Manufacturer:	Lycoming
Air Carrier Operating Certificate:	None	Engine Model/Series:	O-235-L2C
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Meteorological Information and Flight Plan

Observation Facility, Elevation:	KSEE, 388 ft msl	Weather Information Source:	Weather Observation Facility
Conditions at Accident Site:	Visual Conditions	Lowest Ceiling:	Broken / 12000 ft agl
Condition of Light:	Day	Wind Speed/Gusts, Direction:	15 knots, 290°
Temperature:	18°C / 7°C	Visibility	10 Miles
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	El Cajkon, CA (SEE)	Destination:	El Cajkon, CA (SEE)

Airport Information

Airport:	Gillespie Field (KSEE)	Runway Surface Type:	Asphalt
Runway Used:	27L	Runway Surface Condition:	Dry
Runway Length/Width:	2738 ft / 60 ft		

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	Howard Plagens	Adopted Date:	04/30/2008
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 pubinq@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .		

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