



National Transportation Safety Board Aviation Accident Data Summary

Location:	CHANDLER, AZ	Accident Number:	LAX87LA201
Date & Time:	05/02/1987, 1610 MDT	Registration:	N25111
Aircraft:	PIPER PA-38-112	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

DURING AND INSTRUCTIONAL FLIGHT ON SHORT AND SOFT FIELD LANDINGS, THE PILOT REPORTED THAT DURING THE LANDING ROLL AN UNOBSERVED DUST DEVIL HIT THE AIRCRAFT. THE AIRCRAFT WAS RAISED APPROXIMATELY 60 FT AGL. THE INSTRUCTOR WAS UNABLE TO REGAIN CONTROL AND THE AIRCRAFT COLLIDED WITH THE TERRAIN.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

Findings

Occurrence #1: ON GROUND/WATER ENCOUNTER WITH WEATHER
Phase of Operation: LANDING - ROLL

Findings

1. (F) WEATHER CONDITION - GUSTS
2. (C) WEATHER CONDITION - UNFAVORABLE WIND

Occurrence #2: LOSS OF CONTROL - IN FLIGHT
Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

3. (C) DIRECTIONAL CONTROL - UNCONTROLLED - PILOT IN COMMAND(CFI)
4. (C) STALL - INADVERTENT - PILOT IN COMMAND(CFI)

Occurrence #3: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: LANDING - ROLL

Findings

5. (F) TERRAIN CONDITION - HIGH VEGETATION

Pilot Information

Certificate:	Flight Instructor; Commercial	Age:	37
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	Airplane Single-engine; Instrument Airplane
Flight Time:	627 hours (Total, all aircraft), 216 hours (Total, this make and model), 506 hours (Pilot In Command, all aircraft), 303 hours (Last 90 days, all aircraft), 119 hours (Last 30 days, all aircraft), 5 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	PIPER	Registration:	N25111
Model/Series:	PA-38-112 PA-38-112	Engines:	1 Reciprocating
Operator:	CHANDLER AIR SERVICE	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:	None	Engine Model/Series:	O-235-L26
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	CHD, 1383 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Broken / 25000 ft agl	Wind Speed/Gusts, Direction:	4 knots / , 260°
Temperature:	27° C	Visibility	30 Miles
Precipitation and Obscuration:			
Departure Point:	CHANDLER, AZ (P10)	Destination:	

Airport Information

Airport:	CHANDLER (P10)	Runway Surface Type:	Asphalt
Runway Used:	22	Runway Surface Condition:	Dry
Runway Length/Width:	4395 ft / 75 ft		

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
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC): DEBRA J ECKROTE Adopted Date: 04/25/1988

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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