



National Transportation Safety Board Aviation Accident Factual Report

Location:	Phoenix, AZ	Accident Number:	LAX04CA200
Date & Time:	05/01/2004, 0630 MST	Registration:	N2493Q
Aircraft:	Cessna 182K	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

On May 1, 2004, about 0630 mountain standard time, a Cessna 182K, N2493Q, experienced a hard landing and veered off the runway at the Phoenix Deer Valley Airport, Phoenix, Arizona. Arizona Cloud Busters, Inc., was operating the airplane under the provisions of 14 CFR Part 91. The private pilot and passenger were not injured; the airplane sustained substantial damage. The personal cross-country flight departed Stellar Airpark, Chandler, Arizona, about 0600, with a planned stop at Phoenix Deer Valley airport, and a final destination at the Double Eagle II Airport, Albuquerque, New Mexico. Visual meteorological conditions prevailed, and a flight plan had not been filed.

In a written statement, the pilot reported that upon entering the Phoenix Deer Valley Airport's proximity, he received the current weather surface observations via the automated terminal information system (ATIS), which reported winds from 030 degrees at 10 knots. The air traffic control tower cleared him to land on runway 07R, and he continued on a standard stabilized approach. As the airplane crossed the displaced threshold, the pilot intended to level off about 10 feet above ground level in an effort to let the airspeed gradually slow down. The airplane continued in a descent faster than the pilot anticipated, and the airplane hit the runway surface hard. The airplane bounced back into the air, and the pilot attempted to recover by adding power and lowering the nose. The airplane touched down on the nose wheel hard and began to porpoise down the runway, veering to the right. The pilot attempted to obtain control of the airplane by applying rudder and aileron control inputs. The airplane continued off of the runway into a dirt area and impacted a taxiway sign. The pilot reported no preimpact mechanical malfunctions or failures with the airplane.

An aviation routine weather report (METAR) for Phoenix Deer Valley at 0653 reported winds from 010 degrees at 10 knots and visibility at 10 statute miles.

Pilot Information

Certificate:	Private	Age:	45, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	None	Second Pilot Present:	
Instructor Rating(s):		Toxicology Performed:	
Medical Certification:	Class 3	Last FAA Medical Exam:	05/06/2003
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	298 hours (Total, all aircraft), 101 hours (Total, this make and model), 8 hours (Last 90 days, all aircraft), 2 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N2493Q
Model/Series:	182K	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	18257693
Landing Gear Type:	Tricycle	Seats:	
Date/Type of Last Inspection:		Certified Max Gross Wt.:	
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:		Engine Manufacturer:	Continental
ELT:		Engine Model/Series:	O-470 -R65B
Registered Owner:	Arizona Cloudbusters Inc.	Rated Power:	
Operator:	Arizona Cloudbusters Inc.	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:		Distance from Accident Site:	
Observation Time:		Direction from Accident Site:	
Lowest Cloud Condition:		Visibility	
Lowest Ceiling:		Visibility (RVR):	
Wind Speed/Gusts:	/	Turbulence Type Forecast/Actual:	/
Wind Direction:		Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	
Precipitation and Obscuration:			
Departure Point:	Chandler, AZ (P19)	Type of Flight Plan Filed:	None
Destination:	Phoenix, AZ (DVT)	Type of Clearance:	VFR
Departure Time:		Type of Airspace:	Class D

Airport Information

Airport:	Phoenix Deer Valley Airport (DVT)	Runway Surface Type:	
Airport Elevation:		Runway Surface Condition:	
Runway Used:	07R	IFR Approach:	None
Runway Length/Width:		VFR Approach/Landing:	

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	
Total Injuries:	1 None	Latitude, Longitude:	33.688056, -112.082500

Administrative Information

Investigator In Charge (IIC):	Nicole Charnon
Additional Participating Persons:	Jack Ogle; Federal Aviation Administration; Scottsdale, AZ
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/ .