



# National Transportation Safety Board Aviation Accident Data Summary

<b>Location:</b>	GRAND CANYON, AZ	<b>Accident Number:</b>	LAX94LA067
<b>Date &amp; Time:</b>	12/02/1993, 1100 MST	<b>Registration:</b>	N94596
<b>Aircraft:</b>	CESSNA 182Q	<b>Injuries:</b>	2 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

## Analysis

According to the pilot's statement, the aircraft ballooned on touchdown due to an excessive approach airspeed and the nose wheel came down hard on the second runway contact. After a short stop at Grand Canyon, the pilot departed on a flight to Las Vegas, Nevada. After arrival at Las Vegas, the pilot discovered the damage to the nose gear strut and firewall during a routine postflight inspection of the aircraft.

## Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: the pilot's use of an excessive approach airspeed and an improper bounced landing recovery technique.

## Findings

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

### Findings

1. TERRAIN CONDITION - RUNWAY
2. (C) AIRSPEED(VREF) - EXCESSIVE - PILOT IN COMMAND
3. (C) RECOVERY FROM BOUNCED LANDING - IMPROPER - PILOT IN COMMAND

## Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	49
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Instrument Rating(s):</b>	None
<b>Other Aircraft Rating(s):</b>	None	<b>Instructor Rating(s):</b>	None
<b>Flight Time:</b>	105 hours (Total, all aircraft), 12 hours (Total, this make and model), 12 hours (Last 90 days, all aircraft)		

## Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N94596
Model/Series:	182Q 182Q	Engines:	1 Reciprocating
Operator:	DENVER AIR CENTER	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:	None	Engine Model/Series:	O-470-U
Flight Conducted Under:	Part 91: General Aviation - Personal		

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Weather Information Source:	Pilot
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	8 knots / 10 knots, 320°
Temperature:		Visibility	40 Miles
Precipitation and Obscuration:			
Departure Point:	PAGE, AZ (PGA)	Destination:	, GC (GCN)

## Airport Information

Airport:	GRAND CANYON (GCN)	Runway Surface Type:	Asphalt
Runway Used:	21	Runway Surface Condition:	Dry
Runway Length/Width:	8999 ft / 150 ft		

## Wreckage and Impact Information

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

Latitude, Longitude:

## Administrative Information

Investigator In Charge (IIC): JEFF RICH, Adopted Date: 10/20/1994

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](mailto: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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