



## National Transportation Safety Board Aviation Accident Factual Report

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<b>Location:</b>	Lincoln, CA	<b>Accident Number:</b>	LAX06CA167
<b>Date &amp; Time:</b>	04/02/2006, 2016 PDT	<b>Registration:</b>	N5096Q
<b>Aircraft:</b>	Cessna 310N	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	2 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

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On April 2, 2006, at 2016 Pacific daylight time, a Cessna 310N, N5096Q, experienced a nose landing gear collapse during the landing roll at Lincoln Regional Airport, Lincoln, California. The student pilot operated the airplane under the provisions of 14 CFR Part 91. The pilot and passenger were not injured, and the airplane was substantially damaged. Night visual meteorological conditions prevailed, and no flight plan had been filed. The flight originated at Sacramento International Airport, Sacramento, California, at 1845.

The pilot stated in the Pilot/Operator report that while transitioning from landing to taxiing he experienced a bumping sound, which was followed by the collapse of the nose gear. Examination of photographs of the damage revealed that several inches of the nose fuselage structure had been ground down by contact with the runway pavement. The National Transportation Safety Board investigator had the nose gear examined by an airframe and power plant (A&P) mechanic. The mechanic reported that the nose gear drive tube was bent inboard 90 degrees, suggesting that the nose over center adjustment was out of tolerance, and a sufficient impact could cause the gear to unlock from the down position. There was no evidence of mechanical failure or foreign object damage. The pilot reported that the last annual inspection occurred in May 2005.

## Student Pilot Information

<b>Certificate:</b>	Student	<b>Age:</b>	47, Male
<b>Airplane Rating(s):</b>	None	<b>Seat Occupied:</b>	
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	Shoulder harness
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	
<b>Instructor Rating(s):</b>		<b>Toxicology Performed:</b>	
<b>Medical Certification:</b>	Class 3	<b>Last FAA Medical Exam:</b>	10/01/2005
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	40 hours (Total, all aircraft), 10 hours (Total, this make and model), 40 hours (Last 90 days, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Cessna	<b>Registration:</b>	N5096Q
<b>Model/Series:</b>	310N	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	No
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	310N-0196
<b>Landing Gear Type:</b>	Retractable - Tricycle	<b>Seats:</b>	6
<b>Date/Type of Last Inspection:</b>	05/01/2005, Annual	<b>Certified Max Gross Wt.:</b>	
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	2 Reciprocating
<b>Airframe Total Time:</b>		<b>Engine Manufacturer:</b>	Teledyne Continental
<b>ELT:</b>	Installed, not activated	<b>Engine Model/Series:</b>	IO-470
<b>Registered Owner:</b>	Robert Peterson	<b>Rated Power:</b>	
<b>Operator:</b>	Robert Peterson	<b>Operating Certificate(s) Held:</b>	None

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Night
Observation Facility, Elevation:		Distance from Accident Site:	
Observation Time:		Direction from Accident Site:	
Lowest Cloud Condition:	Clear	Visibility	10 Miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	Light and Variable /	Turbulence Type Forecast/Actual:	/
Wind Direction:		Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	21 °C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Sacramento, CA (KSMF)	Type of Flight Plan Filed:	None
Destination:	Lincoln, CA (KLHM)	Type of Clearance:	None
Departure Time:		Type of Airspace:	

## Airport Information

Airport:	Lincoln Regional (KLHM)	Runway Surface Type:	Asphalt
Airport Elevation:		Runway Surface Condition:	Dry
Runway Used:	15	IFR Approach:	None
Runway Length/Width:	6001 ft / 100 ft	VFR Approach/Landing:	Full Stop

## Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	1 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	
Total Injuries:	2 None	Latitude, Longitude:	38.909167, -121.351389

## Administrative Information

Investigator In Charge (IIC):	Van S McKenny
Additional Participating Persons:	Paul Cloutier; Federal Aviation Administration; Sacramento, CA
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 <a href="mailto:pubinq@ntsb.gov">pubinq@ntsb.gov</a> , or at 800-877-6799. Dockets released after this date are available at <a href="http://dms.nts.gov/pubdms/">http://dms.nts.gov/pubdms/</a> .