



# National Transportation Safety Board Aviation Accident Data Summary

<b>Location:</b>	NORTH LAS VEGAS, NV	<b>Accident Number:</b>	LAX83LA261
<b>Date &amp; Time:</b>	06/01/1983, 1449 PDT	<b>Registration:</b>	N6293Q
<b>Aircraft:</b>	CESSNA 401A	<b>Injuries:</b>	6 None
<b>Flight Conducted Under:</b>	Part 135: Air Taxi & Commuter - Non-scheduled		

## Analysis

THE ACFTS MAIN LANDING GEAR COLLAPSED DURING LANDING TOUCHDOWN. AFTER THE RIGHT MAIN GEAR COLLAPSED THE ACFT VEERED TO THE RIGHT AND CAME TO REST ABOUT 600 FT BEYOND THE THRESHOLD AND 90 FT NORTHWEST OF THE RWY EDGE. AN FAA INSPECTOR SAID 'IT APPEARS THAT AN ADJUSTING SCREW (P/N 0841113-1) ON THE RETRACTION LINKAGE FAILED. THIS CAUSED THE RIGHT MAIN GEAR TO RETRACT AND SHEAR A BOLT (P/N NAS 46404-26) ON THE BELLCRANK ASSEMBLY.' ACCORDING TO A CESSNA REPRESENTATIVE THE FAILURE COULD BE THE RESULT OF WEAR OR MISRIGGING. THE COMPANY OWNING AND OPERATING THE ACFT CEASED FLT OPERATIONS ABOUT SIX MONTHS AFTER THE ACCIDENT.

## Probable Cause

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

## Findings

Occurrence #1: MAIN GEAR COLLAPSED  
Phase of Operation: LANDING - FLARE/TOUCHDOWN

### Findings

1. (C) LANDING GEAR, MAIN GEAR - FAILURE, TOTAL

## Pilot Information

<b>Certificate:</b>	Airline Transport; Flight Instructor; Commercial	<b>Age:</b>	36
<b>Airplane Rating(s):</b>	Multi-engine Land; Single-engine Land	<b>Instrument Rating(s):</b>	Airplane
<b>Other Aircraft Rating(s):</b>	Glider	<b>Instructor Rating(s):</b>	Airplane Single-engine
<b>Flight Time:</b>	4021 hours (Total, all aircraft), 743 hours (Total, this make and model), 3990 hours (Pilot In Command, all aircraft), 182 hours (Last 90 days, all aircraft), 7 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	CESSNA	<b>Registration:</b>	N6293Q
<b>Model/Series:</b>	401A 401A	<b>Engines:</b>	2 Reciprocating
<b>Operator:</b>	ABBA INDUSTRIES INC.	<b>Engine Manufacturer:</b>	CONTINENTAL
<b>Operating Certificate(s) Held:</b>	On-demand Air Taxi (135)	<b>Engine Model/Series:</b>	TSIO-520-E
<b>Flight Conducted Under:</b>	Part 135: Air Taxi & Commuter - Non-scheduled		

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual Conditions	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>	, 0 ft msl	<b>Weather Information Source:</b>	Pilot
<b>Lowest Ceiling:</b>	None / 0 ft agl	<b>Wind Speed/Gusts, Direction:</b>	29 knots / , 170°
<b>Temperature:</b>	29° C	<b>Visibility</b>	20 Miles
<b>Precipitation and Obscuration:</b>			
<b>Departure Point:</b>	SANTA ANA, CA (SNA)	<b>Destination:</b>	NORTH LAS VEGAS, NV (VGT)

## Airport Information

<b>Airport:</b>	NORTH LAS VEGAS (VGT)	<b>Runway Surface Type:</b>	Asphalt
<b>Runway Used:</b>	22	<b>Runway Surface Condition:</b>	Dry
<b>Runway Length/Width:</b>	3270 ft / 65 ft		

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	5 None	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None

Latitude, Longitude:

## Administrative Information

<b>Investigator In Charge (IIC):</b>	WAYNE POLLACK	<b>Adopted Date:</b>	
<b>Investigation Docket:</b>	NTSB accident and incident docket 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> .		

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