



# National Transportation Safety Board Aviation Accident Final Report

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<b>Location:</b>	CIMA, CA	<b>Accident Number:</b>	LAX87FA087
<b>Date &amp; Time:</b>	01/16/1987, 0640 PST	<b>Registration:</b>	N9613F
<b>Aircraft:</b>	CESSNA 208	<b>Aircraft Damage:</b>	Destroyed
<b>Defining Event:</b>		<b>Injuries:</b>	1 Fatal
<b>Flight Conducted Under:</b>	Part 135: Air Taxi & Commuter - Non-scheduled		

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## Analysis

WHILE ON A DAY/VFR FLT FROM ONTARIO, CA TO LAS VEGAS, NV, THE ACFT COLLIDED WITH MOUNTAINOUS TERRAIN NEAR THE TOP OF A 6500' PEAK. RADAR DATA SHOWED THAT APRX 20 MIN BEFORE THE ACDNT, THE ACFT BEGAN A GRADUAL DSCNT FROM ABOUT 10,000'. NO PREIMPACT PART FAILURE OR MALFUNCTION OF THE ACFT, ENG OR AUTOPLT WAS FOUND. THE PLT HAD A REST PERIOD ON THE PREVIOUS DAY, BUT THE INVESTIGATION DID NOT DETERMINE WHETHER HE HAD OBTAINED ANY SLEEP BEFORE A 1700 PST FLT. AFTER THE 1700 PST FLT, HE VOLUNTARILY FLEW ON A LATE NIGHT FLT WITH ANOTHER COMPANY. THAT FLT WAS DELAYED IN RETURNING & DID NOT LAND AT ONTARIO UNTIL ABOUT 0500 PST THE NEXT MORNING. APRX 41 MIN LATER, THE PLT TOOK OFF ON THE ACDNT FLT.

## Probable Cause and Findings

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

## Findings

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Occurrence #1: ALTITUDE DEVIATION, UNCONTROLLED  
Phase of Operation: CRUISE - NORMAL

### Findings

1. (C) ALTITUDE - NOT MAINTAINED - PILOT IN COMMAND
2. (C) DESCENT - INADVERTENT - PILOT IN COMMAND
3. (C) FATIGUE(LACK OF SLEEP) - PILOT IN COMMAND

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Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER  
Phase of Operation: DESCENT - UNCONTROLLED

### Findings

4. (F) TERRAIN CONDITION - MOUNTAINOUS/HILLY

## Factual Information

### Pilot Information

<b>Certificate:</b>	Commercial	<b>Age:</b>	24, Male
<b>Airplane Rating(s):</b>	Multi-engine Land; Single-engine Land	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	Seatbelt
<b>Instrument Rating(s):</b>	Airplane	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	Yes
<b>Medical Certification:</b>	Class 2 Valid Medical--no waivers/lim.	<b>Last Medical Exam:</b>	03/18/1986
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	2478 hours (Total, all aircraft), 91 hours (Total, this make and model), 2321 hours (Pilot In Command, all aircraft), 265 hours (Last 90 days, all aircraft), 88 hours (Last 30 days, all aircraft), 8 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Manufacturer:</b>	CESSNA	<b>Registration:</b>	N9613F
<b>Model/Series:</b>	208 208	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	No
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	20800106
<b>Landing Gear Type:</b>	Tricycle	<b>Seats:</b>	2
<b>Date/Type of Last Inspection:</b>	10/31/1986, AAIP	<b>Certified Max Gross Wt.:</b>	7000 lbs
<b>Time Since Last Inspection:</b>	28 Hours	<b>Engines:</b>	1 Turbo Prop
<b>Airframe Total Time:</b>	126 Hours	<b>Engine Manufacturer:</b>	P&W
<b>ELT:</b>	Installed, not activated	<b>Engine Model/Series:</b>	PT-6A
<b>Registered Owner:</b>	CESSNA FINANCE CORP.	<b>Rated Power:</b>	600 hp
<b>Operator:</b>	CALIFORNIA AIR CHARTER	<b>Air Carrier Operating Certificate:</b>	Commuter Air Carrier (135); On-demand Air Taxi (135)

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	LAS, 2174 ft msl	Observation Time:	0650 PST
Distance from Accident Site:	40 Nautical Miles	Direction from Accident Site:	23°
Lowest Cloud Condition:	Scattered / 8000 ft agl	Temperature/Dew Point:	-1° C / -17° C
Lowest Ceiling:	None / 0 ft agl	Visibility	51 Miles
Wind Speed/Gusts, Direction:	10 knots, 340°	Visibility (RVR):	0 ft
Altimeter Setting:	29 inches Hg	Visibility (RVV):	0 Miles
Precipitation and Obscuration:			
Departure Point:	ONTARIO, CA (ONT)	Type of Flight Plan Filed:	Company VFR
Destination:	LAS VEGAS, NV (VGT)	Type of Clearance:	None
Departure Time:	0541 PST	Type of Airspace:	Class G

## Wreckage and Impact Information

Crew Injuries:	1 Fatal	Aircraft Damage:	Destroyed
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 Fatal	Latitude, Longitude:	

## Administrative Information

Investigator In Charge (IIC):	A. D LLORENTE	Adopted Date:	04/24/1989
Additional Participating Persons:	RUTH SCHOMMER; LAS VEGAS, NV GERALD SHOEMAKER; WICHITA, KS		
Publish Date:			
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:pubinquiry@ntsb.gov">pubinquiry@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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