



National Transportation Safety Board Aviation Accident Data Summary

Location:	SAN DIEGO, CA	Accident Number:	LAX92LA035
Date & Time:	11/02/1991, 1300 PST	Registration:	N59157
Aircraft:	CESSNA 210	Injuries:	4 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

IN HIS WRITTEN STATEMENT THE PILOT SAID THAT WHILE REDUCING POWER DURING A STRAIGHT IN APPROACH FOR LANDING, THE ENGINE HAD A TOTAL LOSS OF POWER. THE PILOT EXECUTED A POWER OFF, GEAR UP FORCED LANDING IN A CONGESTED AREA. THE AIRCRAFT LANDED ON ROUGH, UNEVEN TERRAIN CAUSING SUBSTANTIAL DAMAGE. THE PILOT THOUGHT THE ENGINE MAY HAVE HAD A VAPOR LOCK. FAA INSPECTORS EXAMINED THE AIRCRAFT AND FOUND ABOUT 8 GALLONS OF NON-CONTAMINATED FUEL IN EACH FUEL TANK. THEY ALSO PERFORMED AN OPERATIONAL CHECK ON THE ENGINE AND OPERATED THE ENGINE THROUGHOUT NORMAL OPERATIONAL LIMITS WITH NO ABNORMALITIES NOTED. AIRCRAFT RECORDS WERE REVIEWED WITH NO DISCREPANCIES NOTED. ALL AIRWORTHINESS DIRECTIVES, INCLUDING THOSE PERTAINING TO VAPOR LOCK, WERE NOTED AS BEING COMPLIED WITH. NO CAUSE FOR THE POWER LOSS WAS FOUND.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE TOTAL LOSS OF ENGINE POWER DUE TO UNKNOWN REASON(S). A FACTOR IN THIS ACCIDENT WAS THE LACK OF SUITABLE TERRAIN TO LAND THE AIRPLANE, WITHOUT INCURRING DAMAGE TO THE AIRPLANE.

Findings

Occurrence #1: LOSS OF ENGINE POWER
Phase of Operation: APPROACH - VFR PATTERN - FINAL APPROACH

Findings

1. (C) POWERPLANT - FAILURE, TOTAL
 2. REASON FOR OCCURRENCE UNDETERMINED
 3. EMERGENCY PROCEDURE - ATTEMPTED - PILOT IN COMMAND
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Occurrence #2: FORCED LANDING
Phase of Operation: DESCENT - EMERGENCY

Findings

4. TERRAIN CONDITION - RESIDENTIAL AREA
 5. TERRAIN CONDITION - NONE SUITABLE
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Occurrence #3: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER

Phase of Operation: LANDING - ROLL

Findings

6. (F) TERRAIN CONDITION - ROUGH/UNEVEN

Pilot Information

Certificate:	Private	Age:	43
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	653 hours (Total, all aircraft), 283 hours (Total, this make and model), 653 hours (Pilot In Command, all aircraft), 53 hours (Last 90 days, all aircraft), 7 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N59157
Model/Series:	210 210	Engines:	1 Reciprocating
Operator:	SAN DIEGO FLYING CLUB, INC.	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:	None	Engine Model/Series:	IO-520-L
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:	MYF, 423 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	10 knots / , 300°
Temperature:	23° C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	EL CAJON, CA (SEE)	Destination:	SAN DIEGO, CA (MYF)

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	3 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC): Richard V Childress

Adopted Date: 04/27/1993

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/>.

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The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report.