



National Transportation Safety Board Aviation Accident Data Summary

Location:	LORDBURG, NM	Accident Number:	DEN85LA058
Date & Time:	01/02/1985, 1650 MST	Registration:	N101PQ
Aircraft:	CESSNA 210B	Injuries:	5 Minor
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

PLT STATED THAT DURING THE FLT THE RT FUEL TANK WAS USED UNTIL EMPTY AT WHICH TIME THE LEFT TANK WAS SELECTED. APRX 20 MINUTES AFTER SWITCHING TANKS AND 2 HRS 35 MINUTES AFTER DEPARTURE, THE ENGINE BACKFIRED AND SUBSEQUENTLY QUIT. A FORCED LANDING WAS MADE DURING WHICH TIME ACFT NOSED DOWN AFTER CONTACTING A SAND DOME. INVESTIGATION REVEALED THAT DURING THE 4 MONTHS WHICH THE PLT OWNED THE ACFT HE HAD TO HAVE THE FUEL SYSTEM CLEANED TWICE BECAUSE OF SEDIMENT. INSPECTION OF THE ACFT DISCLOSED SEDIMENT IN THE FUEL PUMPS AND SADDLE TANKS. THE SEDIMENT WAS CLEANED OUT AND THE ENGINE WOULD NOT RUN LONGER THEN APRX 2 MINUTES ON EITHER TANK. THE FUEL SYSTEM WAS THOROUGHLY CHECKED AND THE ONLY DISCREPANCY NOTED WAS EXCESSIVE PLAY IN THE FUEL SELECTOR VALVE.

Probable Cause

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

Findings

Occurrence #1: LOSS OF ENGINE POWER
Phase of Operation: CRUISE - NORMAL

Findings

1. (F) FLUID,FUEL - STARVATION
2. (C) BLEED AIR SYSTEM,VALVE - UNDETERMINED

Occurrence #2: FORCED LANDING
Phase of Operation: DESCENT - EMERGENCY

Occurrence #3: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER
Phase of Operation: LANDING - ROLL

Findings

3. (F) TERRAIN CONDITION - LOOSE GRAVEL/SANDY

Occurrence #4: NOSE DOWN
Phase of Operation: LANDING - ROLL

Pilot Information

Certificate:	Private	Age:	56
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	565 hours (Total, all aircraft), 23 hours (Total, this make and model), 491 hours (Pilot In Command, all aircraft), 22 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N101PQ
Model/Series:	210B 210B	Engines:	1 Reciprocating
Operator:	ANTONIO CASTANEDO	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:	None	Engine Model/Series:	IO-470-S
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:	DEM, 0 ft msl	Weather Information Source:	Pilot
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	7 knots / , 150°
Temperature:	2°C	Visibility	80 Miles
Precipitation and Obscuration:			
Departure Point:	RIALTO, CA	Destination:	CARLSBAD, NM

Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Substantial
Passenger Injuries:	4 Minor	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC):	FRED R WINNINGHAM	Adopted 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 pubin@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .		

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agencies involved in transportation. The NTSB makes public its actions and decisions through accident reports, safety studies, special investigation reports, safety recommendations, and statistical reviews.

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