



National Transportation Safety Board Aviation Accident Final Report

Location:	ASPEN, CO	Accident Number:	DEN91LA106
Date & Time:	08/01/1991, 1355 MDT	Registration:	N9711X
Aircraft:	CESSNA 210B	Aircraft Damage:	Destroyed
Defining Event:		Injuries:	2 Serious, 1 Minor
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE PILOT DID NOT GET A LANDING GEAR DOWN AND LOCKED INDICATION AFTER BEING CLEARED TO LAND. DURING THE GO AROUND, THE PILOT ATTEMPTED TO TURN TO AVOID BUILDINGS AND THE AIRPLANE STALLED AND CRASHED INVERTED INTO A TREE. THERE WAS NO EVIDENCE OF HYDRAULIC FLUID LEAKAGE. FUNCTIONAL TESTING OF

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: A PILOT INDUCED INADVERTENT STALL. FACTORS WERE: THE PILOT'S FAILURE TO ASCERTAIN THE LANDING GEAR WAS DOWN AND LOCKED IN A TIMELY MANNER, A LOW (FLUID) LEVEL IN HYDRAULIC RESERVOIR, CAUSING THE HYDRAULIC PUMP TO FLUCTUATE (CAVITATE), AND THE PILOT'S ATTENTION BEING DIVERTED.

Findings

Occurrence #1: LOSS OF CONTROL - IN FLIGHT
Phase of Operation: GO-AROUND (VFR)

Findings

1. (F) GEAR DOWN AND LOCKED - NOT ATTAINED
2. (F) HYDRAULIC SYSTEM, RESERVOIR - LOW LEVEL
3. (F) HYDRAULIC SYSTEM, PUMP - FLUCTUATING
4. GO-AROUND - INITIATED - PILOT IN COMMAND
5. (F) DIVERTED ATTENTION - PILOT IN COMMAND
6. AIRCRAFT PERFORMANCE, CLIMB CAPABILITY - EXCEEDED
7. (C) STALL - INADVERTENT - PILOT IN COMMAND

Occurrence #2: IN FLIGHT COLLISION WITH OBJECT
Phase of Operation: DESCENT - UNCONTROLLED

Findings

8. OBJECT - TREE(S)

Factual Information

Pilot Information

Certificate:	Private	Age:	50, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Unknown
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):		Toxicology Performed:	No
Medical Certification:	Class 3 Valid Medical--w/ waivers/lim.	Last FAA Medical Exam:	09/17/1990
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	602 hours (Total, all aircraft), 165 hours (Total, this make and model), 15 hours (Last 90 days, all aircraft), 6 hours (Last 30 days, all aircraft), 6 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N9711X
Model/Series:	210B 210B	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:		Serial Number:	21058011
Landing Gear Type:	Retractable - Tricycle	Seats:	4
Date/Type of Last Inspection:	Unknown	Certified Max Gross Wt.:	3000 lbs
Time Since Last Inspection:	0 Hours	Engines:	1 Reciprocating
Airframe Total Time:		Engine Manufacturer:	CONTINENTAL
ELT:	Installed, activated	Engine Model/Series:	IO-470S-1B
Registered Owner:	MULLER, FRANCIS J.	Rated Power:	260 hp
Operator:	MULLER, FRANCIS J.	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	0000	Direction from Accident Site:	0°
Lowest Cloud Condition:	Clear / 0 ft agl	Visibility	20 Miles
Lowest Ceiling:	Broken / 6000 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	8 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	350°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	-18°C / -18°C
Precipitation and Obscuration:			
Departure Point:	MILFORD, UT (MLF)	Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	1140 MDT	Type of Airspace:	

Airport Information

Airport:	ASPEN-PITKIN C. SARDY FIE (ASE)	Runway Surface Type:	Asphalt
Airport Elevation:	7815 ft	Runway Surface Condition:	Dry
Runway Used:	15	IFR Approach:	None
Runway Length/Width:	7003 ft / 100 ft	VFR Approach/Landing:	Go Around

Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Destroyed
Passenger Injuries:	2 Serious	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 Serious, 1 Minor	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	ARNOLD W SCOTT	Report Date:	03/10/1993
Additional Participating Persons:	DAVE SCHIELTZ; DENVER, CO		
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 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. A factual report that may be admissible under 49 U.S.C. § 1154(b) is available [here](#).