



Aviation Investigation Final Report

Location:	TRUCKEE, California	Accident Number:	LAX84LA191
Date & Time:	February 19, 1984, 15:20 Local	Registration:	N9764B
Aircraft:	CESSNA 180A	Aircraft Damage:	Substantial
Defining Event:		Injuries:	2 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

PRIOR TO TAKEOFF, THE PLT HAD TO PUSH THE ACFT OUT OF MUD WHERE THE RIGHT LANDING GEAR HAD SUNK INTO THE GROUND. HE TOOK OFF AND FLEW FOR 1/2 AN HOUR. THE PLT REPORTED THAT DURING THE LANDING, THE RIGHT BRAKE SEEMED TO BE FROZEN AND THE ACFT SWERVED TO THE RIGHT. AS THE ACFT SWERVED INTO SNOW BESIDE THE RWY, THE LEFT WING DIPPED, AND THE LEFT GEAR STRUT & THE ELEVATOR WERE DAMAGED.

Probable Cause and Findings

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

Findings

Occurrence #1: LOSS OF CONTROL - ON GROUND/WATER
Phase of Operation: LANDING - ROLL

Findings

1. (C) AIRCRAFT PREFLIGHT - INADEQUATE - PILOT IN COMMAND
 2. (C) LANDING GEAR,NORMAL BRAKE SYSTEM - FROZEN
 3. DIRECTIONAL CONTROL - NOT POSSIBLE
 4. GROUND LOOP/SWERVE - UNCONTROLLED
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Occurrence #2: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER
Phase of Operation: LANDING - ROLL

Findings

5. (F) TERRAIN CONDITION - SNOW COVERED

Factual Information

Pilot Information

Certificate:	Private	Age:	30, Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	January 17, 1983
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:	160 hours (Total, all aircraft), 53 hours (Total, this make and model), 149 hours (Pilot In Command, all aircraft), 19 hours (Last 90 days, all aircraft), 102 hours (Last 30 days, all aircraft), 70 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N9764B
Model/Series:	180A 180A	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	50062
Landing Gear Type:	Tailwheel	Seats:	4
Date/Type of Last Inspection:	June 2, 1983 Annual	Certified Max Gross Wt.:	2650 lbs
Time Since Last Inspection:	20 Hrs	Engines:	1 Reciprocating
Airframe Total Time:	3300 Hrs	Engine Manufacturer:	CONTINENTAL
ELT:	Installed, not activated	Engine Model/Series:	O-470-K
Registered Owner:	B.J.B. CORP.	Rated Power:	230 Horsepower
Operator:	LORING SAGAN	Operating Certificate(s) Held:	
Operator Does Business As:		Operator Designator Code:	

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:		Distance from Accident Site:	
Observation Time:		Direction from Accident Site:	
Lowest Cloud Condition:	Clear	Visibility	40 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	/	Turbulence Type Forecast/Actual:	/
Wind Direction:	0°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	-18°C / -18°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	SIERRAVILLE , CA (079)	Type of Flight Plan Filed:	None
Destination:	TRUCKEE-TAHOE , NV (TRK)	Type of Clearance:	None
Departure Time:	15:00 Local	Type of Airspace:	Class G

Airport Information

Airport:	TRUCKEE-TAHOE TRK	Runway Surface Type:	Asphalt
Airport Elevation:	5900 ft msl	Runway Surface Condition:	Dry
Runway Used:	28	IFR Approach:	None
Runway Length/Width:	6401 ft / 100 ft	VFR Approach/Landing:	Traffic pattern

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC): Dickinson, Alfred

Additional Participating Persons:

Original Publish Date:

Last Revision Date:

Investigation Class: [Class](#)

Note:

Investigation Docket: <https://data.nts.gov/Docket?ProjectID=24179>

The National Transportation Safety Board (NTSB) is an independent federal agency charged by Congress with investigating every civil aviation accident in the United States and significant events in other modes of transportation—railroad, transit, highway, marine, pipeline, and commercial space. We determine the probable causes of the accidents and events we investigate, and issue safety recommendations aimed at preventing future occurrences. In addition, we conduct transportation safety research studies and offer information and other assistance to family members and survivors for each accident or event we investigate. We also serve as the appellate authority for enforcement actions involving aviation and mariner certificates issued by the Federal Aviation Administration (FAA) and US Coast Guard, and we adjudicate appeals of civil penalty actions taken by the FAA.

The NTSB does not assign fault or blame for an accident or incident; rather, as specified by NTSB regulation, “accident/incident investigations are fact-finding proceedings with no formal issues and no adverse parties ... and are not conducted for the purpose of determining the rights or liabilities of any person” (Title 49 *Code of Federal Regulations* section 831.4). Assignment of fault or legal liability is not relevant to the NTSB’s statutory mission to improve transportation safety by investigating accidents and incidents and issuing safety recommendations. In addition, statutory language prohibits the admission into evidence or use of any part of an NTSB report related to an accident in a civil action for damages resulting from a matter mentioned in the report (Title 49 *United States Code* section 1154(b)). A factual report that may be admissible under 49 *United States Code* section 1154(b) is available [here](#).