



National Transportation Safety Board Aviation Accident Data Summary

Location:	DIXIE, ID	Accident Number:	SEA91LA230
Date & Time:	09/01/1991, 1045 PDT	Registration:	N5934E
Aircraft:	CESSNA 150	Injuries:	2 Minor
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE PILOT EXECUTED A SOUTHERLY DEPARTURE AS PER THE ADVICE OF LOCAL PILOTS FAMILIAR WITH THE 5600 FOOT MSL AIRSTRIP. DURING THE INITIAL CLIMB THE PILOT LOST SIGHT OF THE CREEK BED HE WAS FOLLOWING AND CHOSE TO EXECUTE A CLIMBING LEFT TURN. DURING THE TURN THE AIRCRAFT ENCOUNTERED A DOWNDRAFT. THE LEFT WING STRUCK A TREE AND THE PILOT LOST CONTROL OF THE AIRCRAFT. THE AIRCRAFT THEN COLLIDED WITH TERRAIN. THE PILOT REPORTED THE TEMPERATURE AS 70 DEGREES FAHRENHEIT. A DENSITY ALTITUDE OF APPROXIMATELY 8000 FEET EXISTED AT THE TIME OF THE ACCIDENT.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE PILOT'S FAILURE TO MAINTAIN ADEQUATE CLEARANCE WITH TREE(S) DURING THE INITIAL CLIMB. FACTORS CONTRIBUTING TO THE ACCIDENT WERE THE HIGH DENSITY ALTITUDE AND DOWNDRAFT CONDITIONS.

Findings

Occurrence #1: IN FLIGHT COLLISION WITH OBJECT
Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

1. (F) WEATHER CONDITION - DOWNDRAFT
2. (F) WEATHER CONDITION - HIGH DENSITY ALTITUDE
3. (F) OBJECT - TREE(S)
4. (C) CLEARANCE - NOT MAINTAINED - PILOT IN COMMAND

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

Pilot Information

Certificate:	Private	Age:	49
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	
Flight Time:	971 hours (Total, all aircraft), 51 hours (Total, this make and model), 901 hours (Pilot In Command, all aircraft), 33 hours (Last 90 days, all aircraft), 13 hours (Last 30 days, all aircraft), 3 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N5934E
Model/Series:	150 150	Engines:	1 Reciprocating
Operator:	DAVID K. ARNOLD, SR.	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:	None	Engine Model/Series:	O-200A
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:	, 0 ft msl	Weather Information Source:	Pilot
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	Light and Variable / , Variable
Temperature:	21 °C	Visibility	99 Miles
Precipitation and Obscuration:			
Departure Point:		Destination:	GRANGEVILLE, ID (S80)

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	Steven A McCreary	Adopted Date:	03/24/1993
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 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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