



National Transportation Safety Board Aviation Accident Factual Report

Location:	CHICKALOON, AK	Accident Number:	ANC95LA124
Date & Time:	08/01/1995, 1145 AKD	Registration:	N345RB
Aircraft:	CESSNA 172A	Aircraft Damage:	Destroyed
Defining Event:		Injuries:	1 Serious, 1 Minor

Flight Conducted Under: Part 91: General Aviation - Personal

On August 1, 1995, about 1145 Alaska daylight time, a float equipped Cessna 172A, N345RB, collided with terrain while maneuvering in a remote area, about 30 miles east of Chickaloon, Alaska. The airplane was being operated as a visual flight rules (VFR) local area personal flight when the accident occurred. The airplane, operated by the pilot, was destroyed. The certificated private pilot received serious injuries. The sole passenger received minor injuries. Visual meteorological conditions prevailed. A VFR flight plan was filed. The flight originated at the Wasilla Lake Seaplane base, Wasilla, Alaska, at 1042.

The pilot reported that he was flying in the area of Sheep Mountain and Caribou Creek about 5,500 feet mean sea level (MSL). He indicated that the airplane encountered a strong downdraft and began losing altitude and airspeed at full power. The pilot began a turn away from rising terrain but the airplane stalled about 40 feet above the ground. The left wingtip struck a small rise and the airplane cartwheeled downslope. The engine was torn from the airplane and the fuselage was broken in-half. The airplane came to rest about 4,800 feet msl. The airplane was reported overdue to the Federal Aviation Administration (FAA) and an alert notice (ALNOT) was issued at 1603. Search aircraft located the accident site by tracking the airplane's emergency locator transmitter (ELT) about 1900.

The pilot reported that the airplane was 128 pounds below gross weight. A review of climb data from the airplane owners manual revealed that at gross weight, 5,000 feet and 41 degrees F, the airplane should have been capable of a 350 foot per minute climb. The pilot also indicated that scattered rain showers were present in the area.

Pilot Information

Certificate:	Private	Age:	64, Male
Airplane Rating(s):	Single-engine Land; Single-engine Sea	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
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:	04/20/1994
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	3650 hours (Total, all aircraft), 140 hours (Total, this make and model), 3650 hours (Pilot In Command, all aircraft), 13 hours (Last 90 days, all aircraft), 3 hours (Last 30 days, all aircraft), 3 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N345RB
Model/Series:	172A 172A	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	47512
Landing Gear Type:	Float	Seats:	4
Date/Type of Last Inspection:	07/31/1995, Annual	Certified Max Gross Wt.:	2220 lbs
Time Since Last Inspection:	3 Hours	Engines:	1 Reciprocating
Airframe Total Time:	2576 Hours	Engine Manufacturer:	CONTINENTAL
ELT:	Installed, activated, aided in locating accident	Engine Model/Series:	O-300-C
Registered Owner:	CHARLES E. SPENCER	Rated Power:	145 hp
Operator:	CHARLES E. SPENCER	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:	Unknown / 0 ft agl	Visibility	20 Miles
Lowest Ceiling:	Broken / 7500 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	15 knots / 20 knots	Turbulence Type Forecast/Actual:	/
Wind Direction:	135°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	10° C
Precipitation and Obscuration:			
Departure Point:	WASILLA, AK (5L6)	Type of Flight Plan Filed:	VFR
Destination:		Type of Clearance:	None
Departure Time:	1042 ADT	Type of Airspace:	Class G

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	SCOTT R ERICKSON
Additional Participating Persons:	ALLEN LEE; ANCHORAGE, AK
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/ .