



# National Transportation Safety Board Aviation Accident Data Summary

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<b>Location:</b>	CHICKALOON, AK	<b>Accident Number:</b>	ANC95LA124
<b>Date &amp; Time:</b>	08/01/1995, 1145 AKD	<b>Registration:</b>	N345RB
<b>Aircraft:</b>	CESSNA 172A	<b>Injuries:</b>	1 Serious, 1 Minor
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

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## Analysis

THE CERTIFICATED PRIVATE PILOT AND A PASSENGER WERE SCOUTING FOR SHEEP IN A REMOTE MOUNTAINOUS AREA AT 5,500 FEET. THE AIRPLANE ENCOUNTERED A DOWNDRAFT AND BEGAN LOSING ALTITUDE AND AIRSPEED. THE PILOT BEGAN A TURN AT FULL POWER, BUT THE AIRPLANE CONTINUED TO DESCEND UNTIL IT CONTACTED THE GROUND. DURING IMPACT, THE LEFT WINGTIP STRUCK THE GROUND, AND THE AIRPLANE CARTWHEELED DOWNSLOPE AND CAME TO REST AT AN ELEVATION OF ABOUT 4,800 FEET. PERFORMANCE CHARTS FOR THE AIRPLANE INDICATED THAT IT SHOULD HAVE BEEN CAPABLE OF A 350 FOOT PER MINUTE CLIMB. THE PILOT REPORTED SCATTERED RAIN SHOWERS IN THE AREA.

## Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE PILOT'S INADVERTENT ENCOUNTER WITH ADVERSE WEATHER CONDITIONS AND FAILURE TO MAINTAIN SUFFICIENT ALTITUDE/CLEARANCE FROM THE TERRAIN TO COMPENSATE FOR SUCH CONDITIONS. FACTORS RELATED TO THE ACCIDENT WERE: DOWNDRAFTS, THE PROXIMITY OF MOUNTAINOUS TERRAIN, AND THE PILOT'S INADEQUATE WEATHER EVALUATION.

## Findings

Occurrence #1: IN FLIGHT ENCOUNTER WITH WEATHER  
Phase of Operation: MANEUVERING

### Findings

1. (F) WEATHER EVALUATION - INADEQUATE - PILOT IN COMMAND
  2. (F) WEATHER CONDITION - DOWNDRAFT
  3. (C) FLIGHT INTO ADVERSE WEATHER - INADVERTENT - PILOT IN COMMAND
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Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER  
Phase of Operation: MANEUVERING

### Findings

4. (F) TERRAIN CONDITION - MOUNTAINOUS/HILLY
5. (C) ALTITUDE/CLEARANCE - NOT MAINTAINED - PILOT IN COMMAND

## Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	64
<b>Airplane Rating(s):</b>	Single-engine Land; Single-engine Sea	<b>Instrument Rating(s):</b>	None
<b>Other Aircraft Rating(s):</b>	None	<b>Instructor Rating(s):</b>	None
<b>Flight Time:</b>	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

<b>Aircraft Make:</b>	CESSNA	<b>Registration:</b>	N345RB
<b>Model/Series:</b>	172A 172A	<b>Engines:</b>	1 Reciprocating
<b>Operator:</b>	CHARLES E. SPENCER	<b>Engine Manufacturer:</b>	CONTINENTAL
<b>Operating Certificate(s) Held:</b>	None	<b>Engine Model/Series:</b>	O-300-C
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual Conditions	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>	, 0 ft msl	<b>Weather Information Source:</b>	Pilot
<b>Lowest Ceiling:</b>	Broken / 7500 ft agl	<b>Wind Speed/Gusts, Direction:</b>	15 knots / 20 knots, 135°
<b>Temperature:</b>	10° C	<b>Visibility</b>	20 Miles
<b>Precipitation and Obscuration:</b>			
<b>Departure Point:</b>	WASILLA, AK (5L6)	<b>Destination:</b>	

## Wreckage and Impact Information

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

## Administrative Information

<b>Investigator In Charge (IIC):</b>	SCOTT R ERICKSON	<b>Adopted Date:</b>	02/14/1996
<b>Investigation Docket:</b>	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 <a href="mailto:pubin@ntsb.gov">pubin@ntsb.gov</a> , or at 800-877-6799. Dockets released after this date are available at <a href="http://dms.nts.gov/pubdms/">http://dms.nts.gov/pubdms/</a> .		

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