



National Transportation Safety Board Aviation Accident Data Summary

Location:	NINILCHIK, AK	Accident Number:	ANC92LA153
Date & Time:	09/01/1992, 1733 AKD	Registration:	N1737D
Aircraft:	CESSNA 170B	Injuries:	2 Serious
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE STUDENT PILOT MADE A LOW LEVEL PASS TO DROP NEWSPAPERS TO A HUNTING CAMP. WITNESSES SAW A LEFT BANKING TURN AFTER THE PASS AND HEARD AIRCRAFT IMPACT THE TUNDRA, OUT OF SIGHT FROM THE CAMP. PHOTOGRAPHS AND VIDEO OF THE WRECKAGE SHOW A STEEP NOSE DOWN CRUSH PATTERN, LEFT WING DAMAGE. GROUND SCARS SUPPORT A STEEP NOSE DOWN IMPACT AT LOW SPEED. THE AIRPLANE WRECKAGE RESTS NORMALLY ON UNDAMAGED CONVENTIONAL LANDING GEAR. FUEL WAS FOUND IN THE TANKS. WITNESSES RECALLED THE ENGINE 'SOUNDED NORMAL, AT LOW POWER' AT THE TIME OF THE AIR DROP.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE STUDENT PILOT ENTERED A LOW ALTITUDE STALL/MUSH DURING AN AIRDROP MANEUVER. FACTORS CONTRIBUTING TO THE ACCIDENT WERE: THE LOW PASS MANEUVER, AND THE IMPROPER ALTITUDE.

Findings

Occurrence #1: LOSS OF CONTROL - IN FLIGHT
Phase of Operation: MANEUVERING

Findings

1. (F) ALTITUDE - IMPROPER - PILOT IN COMMAND
2. (F) LOW PASS - INTENTIONAL - PILOT IN COMMAND
3. (C) STALL/MUSH - INADVERTENT - PILOT IN COMMAND

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

Pilot Information

Certificate:	Student	Age:	32
Airplane Rating(s):	None	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	119 hours (Total, all aircraft), 119 hours (Total, this make and model), 75 hours (Pilot In Command, all aircraft), 15 hours (Last 90 days, all aircraft), 9 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N1737D
Model/Series:	170B 170B	Engines:	1 Reciprocating
Operator:	SHAWN E. IMBODEN	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:	None	Engine Model/Series:	C145
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:	Witness
Lowest Ceiling:	Overcast / 1500 ft agl	Wind Speed/Gusts, Direction:	10 knots / , 180°
Temperature:	7° C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	HOMER, AK (HOM)	Destination:	

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	DOUGLAS R HERLIHY	Adopted Date:	09/28/1993
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 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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