



National Transportation Safety Board Aviation Accident Data Summary

Location:	MCGRATH, AK	Accident Number:	ANC88LA034
Date & Time:	03/03/1988, 1140 AST	Registration:	N1954U
Aircraft:	CESSNA A185E	Injuries:	2 Minor
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE PILOT HAD BEGUN HIS DESCENT FOR HIS DESTINATION AIRPORT 20 MILES AWAY WHEN THE ENGINE LOST ALL POWER. HE WAS UNABLE TO RESTART THE ENGINE, AND MADE A FORCED LANDING IN DEEP SNOW. THE PILOT REPORTED THAT HE HAD BEEN AIRBORNE FOR APPROXIMATELY TWO HOURS PRIOR TO THE ACCIDENT, AND HAD AMPLE FUEL RESERVES WHEN THE ENGINE STOPPED WITHOUT WARNING. NO REASON FOR THE LOSS OF POWER WAS DETERMINED.

Probable Cause

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

Findings

Occurrence #1: LOSS OF ENGINE POWER(TOTAL) - MECH FAILURE/MALF
Phase of Operation: DESCENT - NORMAL

Findings

1. (C) REASON FOR OCCURRENCE UNDETERMINED

Occurrence #2: FORCED LANDING
Phase of Operation: DESCENT - EMERGENCY

Occurrence #3: MAIN GEAR COLLAPSED
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

2. (F) TERRAIN CONDITION - SNOW COVERED
3. (F) OBJECT - TREE(S)
4. LANDING GEAR,MAIN GEAR - OVERLOAD

Pilot Information

Certificate:	Commercial	Age:	36
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	Airplane; Helicopter
Other Aircraft Rating(s):	Helicopter	Instructor Rating(s):	None
Flight Time:	1432 hours (Total, all aircraft), 153 hours (Total, this make and model), 8 hours (Last 90 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N1954U
Model/Series:	A185E A185E	Engines:	1 Reciprocating
Operator:	JACK W. ZIMMERLY	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:	None	Engine Model/Series:	IO-520D
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:	MCG, 337 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Broken / 20000 ft agl	Wind Speed/Gusts, Direction:	7 knots / , 90°
Temperature:	-1 °C	Visibility	40 Miles
Precipitation and Obscuration:			
Departure Point:	BETHEL, AK (BET)	Destination:	MCGRATH, AK (MCG)

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	JAMES D LA BELLE	Adopted Date:	03/30/1989
Investigation Docket:	NTSB accident and incident docket 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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