



National Transportation Safety Board Aviation Accident Final Report

Location:	BETHEL, AK	Accident Number:	ANC86FA007
Date & Time:	11/01/1985, 0950 AST	Registration:	N9241F
Aircraft:	CESSNA 208	Aircraft Damage:	Destroyed
Defining Event:		Injuries:	2 Fatal, 2 Serious
Flight Conducted Under:	Part 135: Air Taxi & Commuter - Scheduled		

Analysis

A TOTAL LOSS OF PWR WAS EXPERIENCED ON TAKEOFF DUE TO THE FUEL SELECTORS BEING IN THE OFF POSITION. THE PLT ATTEMPTED TO RESTART THE ENG DURING WHICH TIME THE ACFT ENTERED A STALL AND COLLIDED WITH THE TERRAIN. ACCORDING TO PASSENGERS THE PLT DID NOT USE A CHECKLIST NOR WHERE THE PASSENGERS BRIEFED BEFORE THE FLT. THE WRECKAGE WAS VISIBLE FROM THE ARPT CONTROL TWR BUT WAS NOT LOCATED UNTIL SEVERAL HOURS AFTER THE ACCIDENT BY AIR SEARCH.

Probable Cause and Findings

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

Findings

Occurrence #1: LOSS OF ENGINE POWER(TOTAL) - NONMECHANICAL
Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

1. FLUID,FUEL - STARVATION
2. (C) FUEL TANK SELECTOR POSITION - IMPROPER - PILOT IN COMMAND
3. (C) CHECKLIST - NOT FOLLOWED - PILOT IN COMMAND
4. AIRCRAFT SERVICE - NOT USED - PILOT IN COMMAND
5. (F) OVERCONFIDENCE IN PERSONAL ABILITY - PILOT IN COMMAND
6. PASSENGER BRIEFING - NOT PERFORMED - PILOT IN COMMAND

Occurrence #2: LOSS OF CONTROL - IN FLIGHT
Phase of Operation: DESCENT - EMERGENCY

Findings

7. (C) IN-FLIGHT PLANNING/DECISION - POOR - PILOT IN COMMAND
8. (C) AIRSPEED - NOT MAINTAINED - PILOT IN COMMAND
9. (C) DIVERTED ATTENTION - PILOT IN COMMAND
10. STALL - UNCONTROLLED - PILOT IN COMMAND

Occurrence #3: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: DESCENT - EMERGENCY

Findings

11. TERRAIN CONDITION - SNOW COVERED

Factual Information

Pilot Information

Certificate:	Airline Transport; Commercial	Age:	35, Female
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):		Restraint Used:	Seatbelt
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	Yes
Medical Certification:	Class 1 Valid Medical--w/ waivers/lim.	Last FAA Medical Exam:	09/23/1985
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	3009 hours (Total, all aircraft), 154 hours (Total, this make and model), 2850 hours (Pilot In Command, all aircraft), 209 hours (Last 90 days, all aircraft), 54 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N9241F
Model/Series:	208 208	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	20800006
Landing Gear Type:	Tricycle	Seats:	10
Date/Type of Last Inspection:	10/15/1985, 100 Hour	Certified Max Gross Wt.:	7300 lbs
Time Since Last Inspection:	60 Hours	Engines:	1 Turbo Prop
Airframe Total Time:	860 Hours	Engine Manufacturer:	P&W
ELT:	Installed, not activated	Engine Model/Series:	PT6A-114
Registered Owner:	HERMENS AIR, INC.	Rated Power:	600 hp
Operator:	HERMENS AIR, INC.	Operating Certificate(s) Held:	Commuter Air Carrier (135)

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	BET, 146 ft msl	Distance from Accident Site:	8 Nautical Miles
Observation Time:	0956 AST	Direction from Accident Site:	25°
Lowest Cloud Condition:	Unknown / 3800 ft agl	Visibility	15 Miles
Lowest Ceiling:	Overcast / 3800 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	6 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	180°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	-9° C / -13° C
Precipitation and Obscuration:			
Departure Point:	BETHEL, AK (BET)	Type of Flight Plan Filed:	Company VFR
Destination:	CHEVAK, AK (VAK)	Type of Clearance:	VFR
Departure Time:	0950 AST	Type of Airspace:	Class D

Airport Information

Airport:	BETHEL (BET)	Runway Surface Type:	Asphalt
Airport Elevation:	131 ft	Runway Surface Condition:	Dry
Runway Used:	18	IFR Approach:	None
Runway Length/Width:	6399 ft / 150 ft	VFR Approach/Landing:	None

Wreckage and Impact Information

Crew Injuries:	1 Fatal	Aircraft Damage:	Destroyed
Passenger Injuries:	1 Fatal, 2 Serious	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 Fatal, 2 Serious	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	MARC STELLA	Report Date:	
Additional Participating Persons:	RUTH A SCHOMMER; ANCHORAGE, AK ERNEST A KEENER; ANCHORAGE, AK		
Publish Date:			
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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The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report. A factual report that may be admissible under 49 U.S.C. § 1154(b) is available [here](#).