



National Transportation Safety Board Aviation Accident Final Report

Location:	TANANA, AK	Accident Number:	ANC89LA138
Date & Time:	08/11/1989, 1130 AKD	Registration:	N6370H
Aircraft:	CESSNA 207-A	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 Serious, 1 Minor
Flight Conducted Under:	Part 135: Air Taxi & Commuter - Non-scheduled		

Analysis

THE AIRPLANE COLLIDED WITH A MOUNTAIN AT THE 2936 FOOT LEVEL. AT THE TIME OF THE ACCIDENT THE WEATHER WAS 500 OBSCURED, VISIBILITY TWO MILES, WITH FOG. THE AIRPLANE WAS ON A COMPANY VFR FLIGHT PLAN. THE AIRPLANE WAS SUBSTANTIALLY DAMAGED. THE PILOT WAS SERIOUSLY INJURED, AND THE PASSENGER RECEIVED MINOR INJURIES.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: PILOT-IN-COMMAND'S IMPROPER INFLIGHT PLANNING AND DECISIONS. HE FLEW INTO WEATHER THAT WAS KNOWN TO BE ADVERSE, AND THE ENVIRONMENTAL CONDITIONS ADVERSELY AFFECTED HIS ABILITY TO SAFELY COMPLETE THE FLIGHT.

Findings

Occurrence #1: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: MANEUVERING

Findings

1. (C) WEATHER CONDITION - FOG
2. (C) FLIGHT INTO KNOWN ADVERSE WEATHER - INTENTIONAL - PILOT IN COMMAND
3. (F) PSYCHOLOGICAL CONDITION - PILOT IN COMMAND
4. (F) WEATHER CONDITION - RAIN
5. (C) IN-FLIGHT PLANNING/DECISION - IMPROPER - PILOT IN COMMAND
6. (F) OVERCONFIDENCE IN PERSONAL ABILITY - PILOT IN COMMAND
7. (F) WEATHER CONDITION - TURBULENCE

Factual Information

Pilot Information

Certificate:	Flight Instructor; Commercial	Age:	25, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	Airplane Multi-engine; Airplane Single-engine; Instrument Airplane	Toxicology Performed:	Yes
Medical Certification:	Class 1 Valid Medical--w/ waivers/lim.	Last FAA Medical Exam:	03/07/1989
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	2000 hours (Total, all aircraft), 4 hours (Total, this make and model), 1900 hours (Pilot In Command, all aircraft), 150 hours (Last 90 days, all aircraft), 50 hours (Last 30 days, all aircraft), 5 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N6370H
Model/Series:	207-A 207-A	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	20700497
Landing Gear Type:	Tricycle	Seats:	6
Date/Type of Last Inspection:	08/02/1989, Annual	Certified Max Gross Wt.:	3800 lbs
Time Since Last Inspection:	23 Hours	Engines:	1 Reciprocating
Airframe Total Time:	6680 Hours	Engine Manufacturer:	CONTINENTAL
ELT:	Installed, activated, aided in locating accident	Engine Model/Series:	IO-520-F
Registered Owner:	40 MILE AIR LTD	Rated Power:	300 hp
Operator:	WARBELOW, CHARLES	Operating Certificate(s) Held:	Commuter Air Carrier (135); On-demand Air Taxi (135)
Operator Does Business As:	40 MILE AIR, LTD	Operator Designator Code:	6M

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:	Clear / 0 ft agl	Visibility	2 Miles
Lowest Ceiling:	Obscured / 500 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	30 knots / 40 knots	Turbulence Type Forecast/Actual:	/
Wind Direction:	270°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	15° C / 13° C
Precipitation and Obscuration:			
Departure Point:	FAIRBANKS, AK (FAI)	Type of Flight Plan Filed:	Company VFR
Destination:	HUSLIA, AK (HSL)	Type of Clearance:	None
Departure Time:	1015 ADT	Type of Airspace:	Class G

Wreckage and Impact Information

Crew Injuries:	1 Serious	Aircraft Damage:	Substantial
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):	JAMES MICHELANGELO	Report Date:	03/29/1991
Additional Participating Persons:	; FAIRBANKS, 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 pubinquiry@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](#).