



National Transportation Safety Board Aviation Accident Final Report

Location:	DUXSBURY, VT	Accident Number:	NYC86FA201
Date & Time:	08/08/1986, 0800 EDT	Registration:	N6341U
Aircraft:	AERO COMMANDER 680FL	Aircraft Damage:	Destroyed
Defining Event:		Injuries:	1 Fatal
Flight Conducted Under:	Part 135: Air Taxi & Commuter - Non-scheduled		

Analysis

THE PLT WAS ON A VFR FLIGHT FROM MONTPELIER, VT TO BURLINGTON, VT; A DISTANCE OF ABOUT 80 MIS. A MOUNTAIN RANGE IS BETWEEN THE TWO LOCATION. SHORTLY AFTER TAKEOFF THE PLT RADIOED BURLINGTON APPROACH CONTROL AND REQUESTED AN IFR CLEARANCE TO LAND AT BURLINGTON. HE REPORTED THAT HE WAS 10 MILES NW OF MONTPELIER. THE PLT WAS ASSIGNED A TRANSPONDER CODE. THE AIR TRAFFIC CONTROLLER THEN NOTICED THAT THE ACFT WAS NEAR A MOUNTAIN AT A UNVERIFIED ALTITUDE OF 3500 FT. THE CONTROLLER ALERTED THE PLT THAT HE WAS 2 MILES SOUTH OF A 4393 FT HIGH MOUNTAIN. THERE WAS NO RESPONSE FROM THE PLT. THE ACFT COLLIDED WITH THE EAST SIDE OF ETHAN ALLEN AT A HEIGHT OF 3580 FT. THE ACFT WAS ON A NORTHWEST HEADING AT IMPACT. VFR CONDITIONS OF 3800 FT BROKEN AND 4000 FT SCATTERED EXISTED AT THE TIME.

Probable Cause and Findings

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

Findings

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

Findings

1. (C) VFR FLIGHT INTO IMC - PERFORMED - PILOT IN COMMAND
2. (F) TERRAIN CONDITION - MOUNTAINOUS/HILLY
3. (C) CLEARANCE - INADEQUATE - PILOT IN COMMAND
4. (F) WEATHER CONDITION - OBSCURATION

Factual Information

Pilot Information

Certificate:	Commercial	Age:	23, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):		Toxicology Performed:	Yes
Medical Certification:	Unknown Unknown	Last FAA Medical Exam:	
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	2428 hours (Total, all aircraft), 53 hours (Total, this make and model), 2346 hours (Pilot In Command, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	AERO COMMANDER	Registration:	N6341U
Model/Series:	680FL 680FL	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:		Serial Number:	137947
Landing Gear Type:	Retractable - Tricycle	Seats:	2
Date/Type of Last Inspection:	06/04/1986, 100 Hour	Certified Max Gross Wt.:	8500 lbs
Time Since Last Inspection:	72 Hours	Engines:	2 Reciprocating
Airframe Total Time:	8072 Hours	Engine Manufacturer:	LYCOMING
ELT:	Installed, activated, aided in locating accident	Engine Model/Series:	IGSO-540-B1A
Registered Owner:	INTER AMERICAN LEASING	Rated Power:	380 hp
Operator:	AIR PARCEL EXPRESS	Operating Certificate(s) Held:	On-demand Air Taxi (135)

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	BTV, 0 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	0819 EDT	Direction from Accident Site:	0°
Lowest Cloud Condition:	Unknown / 0 ft agl	Visibility	0 Miles
Lowest Ceiling:	Unknown / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	/	Turbulence Type Forecast/Actual:	/
Wind Direction:		Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	
Precipitation and Obscuration:			
Departure Point:	MONTPELIER, VT (MPV)	Type of Flight Plan Filed:	None
Destination:	BURLINGTON, VT (BTV)	Type of Clearance:	None
Departure Time:	0758 EDT	Type of Airspace:	

Airport Information

Airport:	BURLINGTON INTERNATIONAL (BTV)	Runway Surface Type:	
Airport Elevation:		Runway Surface Condition:	
Runway Used:	0	IFR Approach:	None
Runway Length/Width:		VFR Approach/Landing:	None

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	DENNIS L JONES	Report Date:	
Additional Participating Persons:	JAMES EDWARD; PORTLAND, ME WAYNE SMITH; PORTLAND, ME DOUGLAS WHEELER GENE R GREENWALT; DENVER, CO		
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/ .		

The National Transportation Safety Board (NTSB), established in 1967, is an independent federal agency mandated by Congress through the Independent Safety Board Act of 1974 to investigate transportation accidents, determine the probable causes of the accidents, issue safety recommendations, study transportation safety issues, and evaluate the safety effectiveness of government agencies involved in transportation. The NTSB makes public its actions and decisions through accident reports, safety studies, special investigation reports, safety recommendations, and statistical reviews.

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](#).