



National Transportation Safety Board Aviation Accident Data Summary

Location:	GYP SUM, CO	Accident Number:	DEN91FA002
Date & Time:	10/02/1990, 2031 MDT	Registration:	N6477N
Aircraft:	CESSNA T210N	Injuries:	1 Fatal
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE PILOT RECEIVED A WEATHER BRIEFING PRIOR TO FILING AN IFR FLIGHT PLAN. THUNDERSTORMS AND ICING CONDITIONS PREVAILED ALONG HIS INTENDED ROUTE. DURING THE FLIGHT ICE FORMED ON HIS AIRCRAFT IN THE VICINITY OF GYP SUM, COLORADO. THE FLIGHT CONTINUED AND EVENTUALLY THE PILOT WAS UNABLE TO MAINTAIN CONTROL OF THE AIRCRAFT. IT ENTERED INTO A SPIN WHICH CONTINUED UNTIL GROUND IMPACT.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE PILOT FLYING INTO KNOWN ADVERSE ICING AND THUNDERSTORM WEATHER CONDITIONS WHICH RESULTED IN THE LOSS OF CONTROL OF THE AIRCRAFT.

Findings

Occurrence #1: IN FLIGHT ENCOUNTER WITH WEATHER
Phase of Operation: CRUISE

Findings

1. (F) WEATHER CONDITION - THUNDERSTORM
 2. (F) WEATHER CONDITION - ICING CONDITIONS
 3. (C) FLIGHT INTO KNOWN ADVERSE WEATHER - INITIATED - PILOT IN COMMAND
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Occurrence #2: LOSS OF CONTROL - IN FLIGHT
Phase of Operation: DESCENT - UNCONTROLLED

Findings

4. (C) WING - ICE
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Occurrence #3: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: DESCENT - UNCONTROLLED

Pilot Information

Certificate:	Flight Instructor; Commercial	Age:	36
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	
Flight Time:	1215 hours (Total, all aircraft), 27 hours (Total, this make and model), 1112 hours (Pilot In Command, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N6477N
Model/Series:	T210N T210N	Engines:	1 Reciprocating
Operator:	DENVER AIR CENTER, INC.	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:	None	Engine Model/Series:	TSIO-520-R
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Instrument Conditions	Condition of Light:	Night/Dark
Observation Facility, Elevation:	EGE, 6538 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Broken / 8000 ft agl	Wind Speed/Gusts, Direction:	6 knots / , 210°
Temperature:	-18°C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	ST. GEORGE, UT (SGU)	Destination:	BROOMFIELD, CO (BJC)

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
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC):	VERLIN B TRANTER	Adopted Date:	12/30/1992
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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