



National Transportation Safety Board Aviation Accident Data Summary

Location:	PROVO, UT	Accident Number:	DEN85FA035
Date & Time:	12/01/1984, 1830 MST	Registration:	N8580S
Aircraft:	CESSNA 182H	Injuries:	2 Fatal
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

THE LEFT SEAT NON-INSTRUMENT PVT PLT WAS BEING CHECKED OUT IN THE FLYING CLUB ACFT BY A COMM PLT. THE ACFT WAS BEING FLOWN OVER UTAH LAKE ON A DARK NIGHT, ON FINAL APPROACH TO RUNWAY 31 AT THE PVU ARPT. WHILE ON FINAL, THE FLYING PLT MANUEVERED THE ACFT FOR SPACING FROM A SECOND ACFT. A WITNESS SAW TWO ACFT OVER THE LAKE. ONE AIRCRAFT WAS TURNING TOWARDS THE AIRPORT WHEN IT WENT STRAIGHT DOWN. POST ACCIDENT EXAM REVEALED ACFT CONTACTED THE WATER IN A LEFT WING, NOSE LOW ATTITUDE. THE SURROUNDING TERRAIN TO THE NORTHWEST WEST AND SOUTH PROVIDE NO SIGNIFICANT LIGHTING THAT COULD BE USED FOR VISUAL HORIZON REFERENCE.

Probable Cause

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

Findings

Occurrence #1: LOSS OF CONTROL - IN FLIGHT

Phase of Operation: MANEUVERING

Findings

1. (F) LIGHT CONDITION - DARK NIGHT
 2. (C) PROPER ALTITUDE - NOT MAINTAINED - PILOT IN COMMAND
 3. (F) VISUAL/AURAL PERCEPTION - PILOT IN COMMAND
 4. (F) SPATIAL DISORIENTATION - PILOT IN COMMAND
 5. (F) DIVERTED ATTENTION - CHECK PILOT
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Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER

Phase of Operation: DESCENT - UNCONTROLLED

Findings

6. TERRAIN CONDITION - WATER, GLASSY

Pilot Information

Certificate:	Commercial	Age:	49
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None

Flight Time:

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N8580S
Model/Series:	182H 182H	Engines:	1 Reciprocating
Operator:	PROVO SQUADRON PILOTS CLUB	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:	None	Engine Model/Series:	O-470-R
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Night/Dark
Observation Facility, Elevation:	PVU, 4490 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Broken / 9000 ft agl	Wind Speed/Gusts, Direction:	5 knots / , 320°
Temperature:	2°C	Visibility	35 Miles
Precipitation and Obscuration:			
Departure Point:	PROVO, UT	Destination:	

Airport Information

Airport:	PROVO MUNICIPAL (PVU)	Runway Surface Type:	Asphalt
Runway Used:	31	Runway Surface Condition:	Dry
Runway Length/Width:	7094 ft / 150 ft		

Wreckage and Impact Information

Crew Injuries:	2 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): GREGORY A FEITH

Adopted 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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