



National Transportation Safety Board Aviation Accident Data Summary

Location:	Belle Fourche, SD	Accident Number:	CHI05CA040
Date & Time:	12/03/2004, 1910 MST	Registration:	N21213
Aircraft:	Cessna 182P	Injuries:	3 Minor, 1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The airplane bounced and then veered off the eastern edge of the runway during landing following a visual approach to the airport. The airplane then impacted terrain and a cement culvert. Night visual meteorological conditions with a gusting crosswind prevailed at the time of the accident. The pilot stated that the landing light ceased to operate during the approach, and he could not get the instrument panel lights to operate. The flashlight that a passenger used ceased to operate after the reported instrument panel light(s) ceased to operate. The pilot stated that after the airplane touched down, he rolled the yoke level and pulled back. A gust of wind "quickly" moved the airplane off the runway. Inspection of the airplane revealed the flaps were extended 30 degrees, and the rear passenger seats were not equipped with shoulder harnesses. Postaccident operation of the landing/instrument panel light(s), for about 30 seconds, noted that none of the instrument panel light(s) illuminated, the overhead light(s) illuminated, and the landing light illuminated. No circuit breakers tripped during this operation. The pilot had a total flight time of 69 hours, of which 22 hours were in the accident airplane. He did not have any night flying time in the accident airplane. The pilot's airman medical certificate had the following limitation: "not valid for night flight or by color signal control."

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's inadequate compensation for wind conditions and his failure to maintain directional control. Contributing factors were the gusting crosswind, the pilot's lack of night flying of experience, the inoperative instrument lights, and the night conditions.

Findings

Occurrence #1: LOSS OF CONTROL - ON GROUND/WATER
Phase of Operation: LANDING - ROLL

Findings

1. (F) WEATHER CONDITION - CROSSWIND
2. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND
3. (F) LACK OF RECENT EXPERIENCE IN TYPE OPERATION - PILOT IN COMMAND
4. (F) WEATHER CONDITION - GUSTS
5. (C) COMPENSATION FOR WIND CONDITIONS - INADEQUATE - PILOT IN COMMAND
6. LACK OF CERTIFICATION - PILOT IN COMMAND
7. (F) LIGHT CONDITION - NIGHT
8. (F) INSTRUMENT LIGHT(S) - INOPERATIVE
9. MISC EQPT/FURNISHINGS, SHOULDER HARNESS - NOT INSTALLED

Occurrence #2: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER
Phase of Operation: LANDING - ROLL

Findings

10. (F) TERRAIN CONDITION - OTHER

Occurrence #3: ON GROUND/WATER COLLISION WITH OBJECT
Phase of Operation: LANDING - ROLL

Findings

11. (F) OBJECT - OTHER

Pilot Information

Certificate:	Private	Age:	32
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	
Flight Time:	69 hours (Total, all aircraft), 22 hours (Total, this make and model), 69 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N21213
Model/Series:	182P	Engines:	1 Reciprocating
Operator:	Aero Flight Training	Engine Manufacturer:	Continental
Operating Certificate(s) Held:	None	Engine Model/Series:	O-470
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Night/Dark
Observation Facility, Elevation:	RAP, 3150 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None	Wind Speed/Gusts, Direction:	8 knots / , 210°
Temperature:	3°C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	Denver, CO (FTG)	Destination:	Belle Fourche, SD (EFC)

Airport Information

Airport:	Belle Fourche Municipal Airpor (EFC)	Runway Surface Type:	
Runway Used:	32	Runway Surface Condition:	
Runway Length/Width:			

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	3 Minor	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	
Latitude, Longitude:	44.734167, -103.861944		

Administrative Information

Investigator In Charge (IIC): Mitchell F Gallo **Adopted Date:** 02/24/2005

Note: This accident report documents the factual circumstances of this accident as described to the NTSB.

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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