



National Transportation Safety Board Aviation Accident Data Summary

Location:	HILLSBORO, ND	Accident Number:	DEN84LA020
Date & Time:	11/01/1983, 2200 CST	Registration:	N6141K
Aircraft:	CESSNA 150M	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE STUDENT PLT ENCOUNTERED FOG IMMEDIATELY AFTER TAKEOFF AT ABOUT 150 AGL. THE PLT LOOKED BACK & COULD STILL SEE THE RWY LIGHTS, HE THEN BEGAN A DESCENDING RT TURN TO THE RWY TO LAND. DURING THIS DESCENDING TURN, THE RT WING HIT THE GROUND FOLLOWED BY THE NOSE GEAR AND PROPELLER.

Probable Cause

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

Findings

Occurrence #1: IN FLIGHT ENCOUNTER WITH WEATHER
Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

1. (F) WEATHER CONDITION - FOG
2. (C) WEATHER EVALUATION - INADEQUATE - PILOT IN COMMAND

Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: MANEUVERING - TURN TO REVERSE DIRECTION

Findings

3. (F) LIGHT CONDITION - DARK NIGHT
4. (C) ALTITUDE - NOT MAINTAINED - PILOT IN COMMAND

Pilot Information

Certificate:	Student	Age:	22
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):		Instructor Rating(s):	
Flight Time:	58 hours (Total, all aircraft), 48 hours (Total, this make and model), 37 hours (Pilot In Command, all aircraft), 15 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N6141K
Model/Series:	150M 150M	Engines:	1 Reciprocating
Operator:	TRAILL AERO CLUB, INC	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:		Engine Model/Series:	O-200-A
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:	FAR, 900 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	6 knots / , 170°
Temperature:	9°C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:		Destination:	FARGO, ND (FAR)

Airport Information

Airport:	HILLSBORO MUNICIPAL (5ND6)	Runway Surface Type:	Grass/turf
Runway Used:	34	Runway Surface Condition:	Rough
Runway Length/Width:	3300 ft / 60 ft		

Wreckage and Impact Information

Crew Injuries:	1 None	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):	FRED R CUNNINGHAM	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/ .		

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.