



National Transportation Safety Board Aviation Accident Data Summary

Location:	FINLEY, ND	Accident Number:	CHI97LA002
Date & Time:	10/03/1996, 0815 CDT	Registration:	N185ND
Aircraft:	Cessna 185	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

The airplane was parked on shore near a dock. The flight instructor (CFI) reported that after starting the engine, the airplane began to move forward, and the wing strut and wing cleared the dock. After the wing cleared the dock, the instructor began to lower the water rudders, and the tail of the airplane began moving toward the dock. A right crosswind was present during the departure from the shore. The instructor reported that full left rudder with the water rudders partially extended was ineffective in stopping the horizontal stabilizer of the airplane from hitting the dock.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: failure of the flight instructor (CFI) to ensure that clearance from the dock was maintained, while starting to taxi. The crosswind was a related factor.

Findings

Occurrence #1: ON GROUND/WATER COLLISION WITH OBJECT
Phase of Operation: TAXI

Findings

1. (F) WEATHER CONDITION - CROSSWIND
2. (C) CLEARANCE - NOT MAINTAINED - PILOT IN COMMAND(CFI)

Pilot Information

Certificate:	Commercial	Age:	26
Airplane Rating(s):	Multi-engine Land; Single-engine Land; Single-engine Sea	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	Airplane Multi-engine; Airplane Single-engine; Instrument Airplane
Flight Time:	2415 hours (Total, all aircraft), 16 hours (Total, this make and model), 2344 hours (Pilot In Command, all aircraft), 122 hours (Last 90 days, all aircraft), 45 hours (Last 30 days, all aircraft), 4 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N185ND
Model/Series:	185 185	Engines:	1 Reciprocating
Operator:	UNIVERSITY OF NORTH DAKOTA	Engine Manufacturer:	Continental
Operating Certificate(s) Held:	None	Engine Model/Series:	IO-520-D
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	GFK, 844 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Broken / 25000 ft agl	Wind Speed/Gusts, Direction:	8 knots / , 170°
Temperature:	-1° C	Visibility	15 Miles
Precipitation and Obscuration:			
Departure Point:	GRAND FORKS, ND (GFK)	Destination:	GOLDEN LAKE

Airport Information

Airport:		Runway Surface Type:	Water
Runway Used:	0	Runway Surface Condition:	Wet
Runway Length/Width:			

Wreckage and Impact Information

Crew Injuries:	2 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None

Latitude, Longitude:

Administrative Information

Investigator In Charge (IIC):	DAVID A BOLDENOW	Adopted Date:	12/23/1996
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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