



National Transportation Safety Board Aviation Accident Data Summary

Location:	NORFOLK, NE	Accident Number:	CHI98LA188
Date & Time:	06/01/1998, 1700 CDT	Registration:	N6847E
Aircraft:	Cessna 175A	Injuries:	3 Minor
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

After takeoff the airplane departed controlled flight and impacted the terrain. The pilot said that he believes that the airplane encountered a wind shift. The airplane departed on runway 31. The reported winds six minutes prior to the accident were 270 degrees at 23 knots with gusts to 27 knots.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: the pilot's misjudged wind conditions and his not obtaining/maintaining compensation for wind conditions. A factor was a sudden wind shift.

Findings

Occurrence #1: LOSS OF CONTROL - IN FLIGHT
Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

1. (F) WEATHER CONDITION - SUDDEN WINDSHIFT
2. (C) PREFLIGHT PLANNING/PREPARATION - MISJUDGED - PILOT IN COMMAND
3. (C) COMPENSATION FOR WIND CONDITIONS - NOT OBTAINED/MAINTAINED - PILOT IN COMMAND

Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: DESCENT - UNCONTROLLED

Pilot Information

Certificate:	Private	Age:	54
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	4500 hours (Total, all aircraft), 70 hours (Total, this make and model), 70 hours (Last 90 days, all aircraft), 40 hours (Last 30 days, all aircraft), 6 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N6847E
Model/Series:	175A 175A	Engines:	1 Reciprocating
Operator:	CYNTHIA L. TOLLE	Engine Manufacturer:	Continental
Operating Certificate(s) Held:	None	Engine Model/Series:	GO-300-C
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	OFK, 1572 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	23 knots / 27 knots, 270°
Temperature:	30° C	Visibility	7 Miles
Precipitation and Obscuration:			
Departure Point:	(OFK)	Destination:	SPEARFISH, SD (SPF)

Airport Information

Airport:	STEFAN MUNICIPAL (OFK)	Runway Surface Type:	Asphalt
Runway Used:	31	Runway Surface Condition:	Dry
Runway Length/Width:	5160 ft / 100 ft		

Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Destroyed
Passenger Injuries:	2 Minor	Aircraft Fire:	On-Ground
Ground Injuries:	N/A	Aircraft Explosion:	None

Latitude, Longitude:

Administrative Information

Investigator In Charge (IIC):	STEPHEN A WILSON	Adopted Date:	02/16/2001
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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