



National Transportation Safety Board Aviation Accident Data Summary

Location:	FREEDOM, WI	Accident Number:	CHI89LA066
Date & Time:	04/02/1989, 1630 CDT	Registration:	N3016A
Aircraft:	CESSNA 170B	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE PILOT EXPERIENCED A LOSS OF DIRECTIONAL CONTROL DURING AN ATTEMPTED TAKEOFF ON A ROADWAY WHICH RAN PARALLEL TO THE PILOT'S SOD STRIP. THE AIRCRAFT SWERVED TO THE LEFT AND DEPARTED THE ROADWAY, WHERE IT ENCOUNTERED SOFT, MARSHY SOD AND A SHALLOW DITCH. THE AIRCRAFT NOSED OVER AND CAME TO A REST. THE PILOT STATED THAT HE WAS ATTEMPTING THE TAKEOFF FROM THE ROADWAY INSTEAD OF THE SOD STRIP BECAUSE OF THE SOFT, WET CONDITION OF THE STRIP.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE PILOT'S FAILURE TO MAINTAIN DIRECTIONAL CONTROL DURING THE ATTEMPTED TAKEOFF ON UNSUITABLE TERRAIN. THE PILOT'S LACK OF RECENT FLIGHT EXPERIENCE WAS A CONTRIBUTING FACTOR.

Findings

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

Findings

1. TERRAIN CONDITION - ROADWAY/HIGHWAY
2. (C) UNSUITABLE TERRAIN OR TAKEOFF/LANDING/TAXI AREA - SELECTED - PILOT IN COMMAND
3. (F) LACK OF RECENT EXPERIENCE - PILOT IN COMMAND
4. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND

Occurrence #2: NOSE OVER
Phase of Operation: TAKEOFF - ROLL/RUN

Findings

5. TERRAIN CONDITION - DITCH
6. TERRAIN CONDITION - WET
7. TERRAIN CONDITION - SOFT

Pilot Information

Certificate:	Private	Age:	42
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	709 hours (Total, all aircraft), 91 hours (Total, this make and model), 577 hours (Pilot In Command, all aircraft), 1 hours (Last 90 days, all aircraft), 1 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N3016A
Model/Series:	170B 170B	Engines:	1 Reciprocating
Operator:	BAETEN, GERALD J.	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:	None	Engine Model/Series:	C-145
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:	ATW, 918 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Broken / 10000 ft agl	Wind Speed/Gusts, Direction:	10 knots / , 180°
Temperature:	13°C	Visibility	30 Miles
Precipitation and Obscuration:			
Departure Point:	FREEDOM, WI	Destination:	FREEDOM, WI

Airport Information

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

Wreckage and Impact Information

Crew Injuries:	1 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): JODI L REEVES

Adopted Date: 09/28/1990

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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