



National Transportation Safety Board Aviation Accident Data Summary

Location:	Fostoria, OH	Accident Number:	CHI07CA130
Date & Time:	04/03/2007, 1250 EDT	Registration:	N3840K
Aircraft:	Boeing E75N1	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The tail-wheel airplane was substantially damaged during landing when it departed runway 27 (4,198 feet by 100 feet, asphalt) and nosed over. The pilot noted that the intended destination was a planned fuel stop en route to his final destination. He stated that upon "entering the traffic pattern, it was apparent that the winds were stronger than forecast from the south. Upon landing, a gust of wind struck the plane." The airplane subsequently departed the runway pavement and nosed over. Surface winds in the vicinity were reported to be from 210 degrees at 19 knots, gusting to 30 knots. The pilot noted that there were no malfunctions associated with the airplane prior to the accident.

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 subsequent failure to maintain directional control during landing. The crosswind and wind gusts were contributing factors.

Findings

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

Findings

1. (C) COMPENSATION FOR WIND CONDITIONS - INADEQUATE - PILOT IN COMMAND
2. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND
3. (F) WEATHER CONDITION - CROSSWIND
4. (F) WEATHER CONDITION - GUSTS

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

Findings

5. TERRAIN CONDITION - GROUND

Occurrence #3: NOSE OVER
Phase of Operation: LANDING - ROLL

Pilot Information

Certificate:	Airline Transport	Age:	41
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	12400 hours (Total, all aircraft), 18 hours (Total, this make and model), 6500 hours (Pilot In Command, all aircraft), 240 hours (Last 90 days, all aircraft), 80 hours (Last 30 days, all aircraft), 0 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	Boeing	Registration:	N3840K
Model/Series:	E75N1	Engines:	1 Reciprocating
Operator:	On file	Engine Manufacturer:	Pratt & Whitney
Air Carrier Operating Certificate:	None	Engine Model/Series:	R-985
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Observation Facility, Elevation:	FDY, 752 ft msl	Weather Information Source:	Weather Observation Facility
Conditions at Accident Site:	Visual Conditions	Lowest Ceiling:	None
Condition of Light:	Day	Wind Speed/Gusts, Direction:	19 knots/ 30 knots, 210°
Temperature:	26°C / 11°C	Visibility	10 Miles
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Youngstown, OH (4G4)	Destination:	Fostoria, OH (FZI)

Airport Information

Airport:	Fostoria Metropolitan (FZI)	Runway Surface Type:	Asphalt
Runway Used:	27	Runway Surface Condition:	Dry
Runway Length/Width:	4198 ft / 100 ft		

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

Administrative Information

Investigator In Charge (IIC):	Tim Sorensen	Adopted Date:	06/27/2007
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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