



National Transportation Safety Board Aviation Accident Data Summary

Location:	PINCONNING, MI	Accident Number:	CHI91LA061
Date & Time:	01/01/1991, 1800 EST	Registration:	N5063T
Aircraft:	PIPER PA-28-140	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE PILOT SAID THAT DURING THE LANDING APPROACH, AT ABOUT 50 FEET AGL AND 1/8 MILE FROM THE APPROACH END OF THE SOD STRIP, THE AIRCRAFT LOST LIFT AND LANDED HARD CAUSING SUBSTANTIAL DAMAGE. HE FELT A POSSIBLE WIND SHEAR CONTRIBUTED TO THE ACCIDENT.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: INADEQUATE AIRSPEED, WIND SHEAR AND A STALL.

Findings

Occurrence #1: HARD LANDING

Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

1. (C) WEATHER CONDITION - WINDSHEAR
2. (C) AIRSPEED - INADEQUATE - PILOT IN COMMAND
3. (C) STALL - ENCOUNTERED - PILOT IN COMMAND

Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER

Phase of Operation: DESCENT - UNCONTROLLED

Pilot Information

Certificate:	Flight Instructor; Commercial	Age:	24
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	Airplane Single-engine; Instrument Airplane
Flight Time:	565 hours (Total, all aircraft), 55 hours (Total, this make and model), 455 hours (Pilot In Command, all aircraft), 80 hours (Last 90 days, all aircraft), 23 hours (Last 30 days, all aircraft), 3 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	PIPER	Registration:	N5063T
Model/Series:	PA-28-140 PA-28-140	Engines:	1 Reciprocating
Operator:	THOMAS BYRNE	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:	None	Engine Model/Series:	O-320-E3D
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Dusk
Observation Facility, Elevation:	, 0 ft msl	Weather Information Source:	Pilot
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	15 knots / , 240°
Temperature:	-9° C	Visibility	20 Miles
Precipitation and Obscuration:			
Departure Point:	Destination:		

Airport Information

Airport:	PINCONNING (52I)	Runway Surface Type:	Grass/turf
Runway Used:	27	Runway Surface Condition:	Dry
Runway Length/Width:	2500 ft / 100 ft		

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	1 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC):	John Hruban	Adopted Date:	01/25/1993
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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