



National Transportation Safety Board Aviation Accident Final Report

Location:	Baraga, MI	Accident Number:	CEN13CA185
Date & Time:	03/02/2013, 1209 EST	Registration:	N2238A
Aircraft:	PIPER PA22	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	2 Minor
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The pilot reported that he had landed his airplane on the plowed surface of an icy runway and was taxiing when he lost directional control. The airplane impacted a snow bank on the edge of the runway. The airplane's nose gear collapsed, and the engine mount and forward fuselage were substantially damaged. The pilot reported no preimpact mechanical malfunctions or failures that would have precluded normal operation.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's failure to maintain directional control during taxi.

Findings

Aircraft	Directional control - Not attained/maintained (Cause)
Personnel issues	Lack of action - Pilot (Cause)

Factual Information

History of Flight

Taxi	Loss of control on ground (Defining event) Collision with terr/obj (non-CFIT)
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Pilot Information

Certificate:	Private	Age:	62, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 With Waivers/Limitations	Last Medical Exam:	01/30/2012
Occupational Pilot:	No	Last Flight Review or Equivalent:	07/28/2012
Flight Time:	(Estimated) 741 hours (Total, all aircraft), 177 hours (Total, this make and model), 694 hours (Pilot In Command, all aircraft), 5 hours (Last 90 days, all aircraft), 2 hours (Last 30 days, all aircraft)		

Other Flight Crew Information

Certificate:	Student	Age:	24, Male
Airplane Rating(s):	None	Seat Occupied:	Right
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	None	Second Pilot Present:	Yes
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 Unknown	Last Medical Exam:	07/12/2010
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:	(Estimated) 5 hours (Total, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	PIPER	Registration:	N2238A
Model/Series:	PA22 135	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	22-637
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	09/13/2012, Annual	Certified Max Gross Wt.:	2000 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	2571 Hours	Engine Manufacturer:	LYCOMING
ELT:	Installed, not activated	Engine Model/Series:	O290
Registered Owner:	BLUE HARBOR ENERGY LLC	Rated Power:	135 hp
Operator:	BLUE HARBOR ENERGY LLC	Air Carrier Operating Certificate:	None

Meteorological Information and Flight Plan

Observation Facility, Elevation:	KCMX, 1095 ft msl	Observation Time:	1153 EST
Distance from Accident Site:	23 Nautical Miles	Condition of Light:	Day
Direction from Accident Site:	360°	Conditions at Accident Site:	Visual Conditions
Lowest Cloud Condition:	/ 1700 ft agl	Temperature/Dew Point:	-8°C / -13°C
Lowest Ceiling:	Broken / 1700 ft agl	Visibility	10 Miles
Wind Speed/Gusts, Direction:	7 knots, 350°	Visibility (RVR):	
Altimeter Setting:	30.25 inches Hg	Visibility (RVV):	
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Hancock, MI (CMX)	Type of Flight Plan Filed:	None
Destination:	Baraga, MI (NONE)	Type of Clearance:	None
Departure Time:	1120 EST	Type of Airspace:	

Airport Information

Airport:	Temporary Airstrip (NONE)	Runway Surface Type:	Ice; Snow
Airport Elevation:	600 ft	Runway Surface Condition:	Ice
Runway Used:	03	IFR Approach:	None
Runway Length/Width:	2000 ft / 50 ft	VFR Approach/Landing:	Straight-in

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	Thomas Latson	Adopted Date:	06/24/2013
Additional Participating Persons:	Michael Costallos; FAA Grand Rapids FSDO; Grand Rapids, MI		
Publish Date:	06/24/2013		
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=86346		

The National Transportation Safety Board (NTSB), established in 1967, is an independent federal agency mandated by Congress through the Independent Safety Board Act of 1974 to investigate transportation accidents, determine the probable causes of the accidents, issue safety recommendations, study transportation safety issues, and evaluate the safety effectiveness of government agencies involved in transportation. The NTSB makes public its actions and decisions through accident reports, safety studies, special investigation reports, safety recommendations, and statistical reviews.

The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report.