



National Transportation Safety Board Aviation Accident Data Summary

Location:	Three Lakes, WI	Accident Number:	CEN10CA038
Date & Time:	11/01/2009, 1200 CST	Registration:	N4070Z
Aircraft:	PIPER PA-18-150	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The pilot reported that he was landing the float equipped airplane on a lake. The winds were light and the lake had about 3 inch ripples on the water. He reported that the touchdown appeared normal, but a few seconds later the right wing went up and the left wing dipped in the water. The left wing was bent upward and sustained substantial damage. A witness reported that he observed the airplane flying slow over the water in a left bank when the airplane “dropped into the lake” with the left wing hitting the water. The pilot reported there was no mechanical malfunction of the airplane.

Flight Events

Landing-flare/touchdown - Abnormal runway contact

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's improper flare and touchdown during the water landing.

Findings

Personnel issues-Action/decision-Action-Incorrect action performance-Pilot - C

Pilot Information

Certificate:	Private	Age:	50
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	1713 hours (Total, all aircraft), 26 hours (Total, this make and model), 11 hours (Last 90 days, all aircraft), 4 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	PIPER	Registration:	N4070Z
Model/Series:	PA-18-150	Engines:	1 Reciprocating
Operator:	Richard Kluver	Engine Manufacturer:	Lycoming
Air Carrier Operating Certificate:	None	Engine Model/Series:	O-320
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Observation Facility, Elevation:		Weather Information Source:	Pilot
Conditions at Accident Site:	Visual Conditions	Lowest Ceiling:	Broken / 5500 ft agl
Condition of Light:	Day	Wind Speed/Gusts, Direction:	Light and Variable, Variable
Temperature:	4° C	Visibility	30 Miles
Precipitation and Obscuration:			
Departure Point:	Eagle River, WI (EGV)	Destination:	Three Lakes, WI

Airport Information

Airport:	Three Lakes Marina (40G)	Runway Surface Type:	
Runway Used:	N/A	Runway Surface Condition:	
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:	

Administrative Information

Investigator In Charge (IIC):	James P Silliman	Adopted Date:	03/03/2010
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=75004		

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.

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