



Aviation Investigation Final Report

Location:	Hayden Lake, Idaho	Accident Number:	GAA16CA375
Date & Time:	June 26, 2016, 13:00 Local	Registration:	N185TG
Aircraft:	Cessna A185	Aircraft Damage:	Substantial
Defining Event:	Landing gear not configured	Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot of an amphibious float-equipped airplane reported that he departed from an airport with a paved runway en-route to his destination airport, about 21 nautical miles away, also with a paved runway. While en-route he decided to do a touch and go on a lake about 5 nautical miles from the destination airport. The pilot further reported that during the landing touch down, the airplane immediately nosed over. The pilot reported that he did not visually check the position of the landing gear with the landing gear mirrors before the landing and the landing gear were down for the water landing.

The firewall sustained substantial damage.

The pilot reported that he was unsure if there were any mechanical malfunctions or failures with the airplane 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 retract the amphibious airplane's land-wheels prior to landing on a lake, which resulted in a nose over.

Findings

Aircraft	Gear extension and retract sys - Incorrect use/operation
Personnel issues	Use of equip/system - Pilot
Personnel issues	Forgotten action/omission - Pilot
Personnel issues	Use of checklist - Pilot

Factual Information

History of Flight

Landing	Landing gear not configured (Defining event)
Landing-flare/touchdown	Loss of control on ground
Landing-flare/touchdown	Nose over/nose down

Pilot Information

Certificate:	Private	Age:	75, Male
Airplane Rating(s):	Single-engine land; Single-engine sea	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	3-point
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 With waivers/limitations	Last FAA Medical Exam:	May 1, 2015
Occupational Pilot:	No	Last Flight Review or Equivalent:	October 8, 2014
Flight Time:	(Estimated) 3600 hours (Total, all aircraft), 37 hours (Total, this make and model), 3600 hours (Pilot In Command, all aircraft), 10 hours (Last 90 days, all aircraft), 14 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N185TG
Model/Series:	A185 F	Aircraft Category:	Airplane
Year of Manufacture:	1978	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	18503713
Landing Gear Type:	Amphibian; Float	Seats:	4
Date/Type of Last Inspection:	May 1, 2016 Annual	Certified Max Gross Wt.:	3200 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	3393 Hrs as of last inspection	Engine Manufacturer:	Continental
ELT:	C126 installed, not activated	Engine Model/Series:	IO-520-D
Registered Owner:	On file	Rated Power:	2895 Horsepower
Operator:	On file	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	KCOE, 2320 ft msl	Distance from Accident Site:	5 Nautical Miles
Observation Time:	19:55 Local	Direction from Accident Site:	90°
Lowest Cloud Condition:	Clear	Visibility:	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	3 knots /	Turbulence Type Forecast/Actual:	/ None
Wind Direction:	320°	Turbulence Severity Forecast/Actual:	/ N/A
Altimeter Setting:	30.2 inches Hg	Temperature/Dew Point:	26°C / 8°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	SPOKANE, WA (SFF)	Type of Flight Plan Filed:	None
Destination:	Coeur d'Alene, ID (KCOE)	Type of Clearance:	None
Departure Time:	12:30 Local	Type of Airspace:	Class G

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 None	Latitude, Longitude:	47.758888,-116.745277(est)

Administrative Information

Investigator In Charge (IIC):	Gerhardt, Adam
Additional Participating Persons:	James Black; FAA; Spokane, WA
Original Publish Date:	August 31, 2016
Last Revision Date:	
Investigation Class:	Class
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=93602

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