



National Transportation Safety Board Aviation Accident Final Report

Location:	Ketchikan, AK	Accident Number:	ANC12CA060
Date & Time:	07/02/2012, 1515 AKD	Registration:	N1018A
Aircraft:	DEHAVILLAND BEAVER DHC-2	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	6 None
Flight Conducted Under:	Part 135: Air Taxi & Commuter - Non-scheduled		

Analysis

The pilot of the float-equipped airplane reported that he planned to step taxi while making a left turn and then takeoff. He applied takeoff power to get the airplane on step, then reduced power, and started a turn to the left. The airplane turned to the left sharper than he anticipated. He applied right rudder and reduced left aileron. As the turn started to straighten out, the airplane's right wing struck the water and sustained substantial damage. There were no preaccident mechanical issues with the airplane.

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 a step turn on floats.

Findings

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

Factual Information

History of Flight

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

Certificate:	Airline Transport; Flight Instructor; Commercial	Age:	56, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land; Single-engine Sea	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	Airplane Multi-engine; Airplane Single-engine	Toxicology Performed:	No
Medical Certification:	Class 2 With Waivers/Limitations	Last Medical Exam:	11/15/2011
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	05/03/2012
Flight Time:	5925 hours (Total, all aircraft), 110 hours (Total, this make and model), 4531 hours (Pilot In Command, all aircraft), 110 hours (Last 90 days, all aircraft), 65 hours (Last 30 days, all aircraft), 3 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	DEHAVILLAND	Registration:	N1018A
Model/Series:	BEAVER DHC-2	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	178
Landing Gear Type:	Float	Seats:	8
Date/Type of Last Inspection:	06/17/2012, 100 Hour	Certified Max Gross Wt.:	5370 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	31310 Hours	Engine Manufacturer:	P&W
ELT:	C91A installed, not activated	Engine Model/Series:	R-985 SERIES
Registered Owner:	S & S AIRCRAFT LEASING INC	Rated Power:	450 hp
Operator:	S & S AIRCRAFT LEASING INC	Air Carrier Operating Certificate:	On-demand Air Taxi (135)

Meteorological Information and Flight Plan

Observation Facility, Elevation:	PAKT, 30 ft msl	Observation Time:	1353 ADT
Distance from Accident Site:	40 Nautical Miles	Condition of Light:	Day
Direction from Accident Site:	270°	Conditions at Accident Site:	Visual Conditions
Lowest Cloud Condition:	Scattered / 3000 ft agl	Temperature/Dew Point:	13°C
Lowest Ceiling:	Broken / 10000 ft agl	Visibility	20 Miles
Wind Speed/Gusts, Direction:	Light and Variable, Variable	Visibility (RVR):	
Altimeter Setting:	29.9 inches Hg	Visibility (RVV):	
Precipitation and Obscuration:			
Departure Point:	Ketchikan, AK	Type of Flight Plan Filed:	Unknown
Destination:	Ketchikan, AK (PAKT)	Type of Clearance:	None
Departure Time:	ADT	Type of Airspace:	

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	5 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	6 None		

Administrative Information

Investigator In Charge (IIC):	Lawrence Lewis	Adopted Date:	10/09/2012
Additional Participating Persons:	Dave Fredricks; FAA FSDO-05; Juneau, AK		
Publish Date:	10/09/2012		
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=84174		

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.