



National Transportation Safety Board Aviation Accident Data Summary

Location:	Bellingham, WA	Accident Number:	WPR13CA220
Date & Time:	05/01/2013, 1832 PDT	Registration:	N88XC
Aircraft:	Adolphson CCK-1865	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

The flight instructor and the private pilot were performing practice takeoff and landings in the amateur-built experimental airplane so the pilot could provide an assessment of the airplane's handling qualities. The flight instructor reported that the pilot made a normal approach with full flaps and that the pilot made a "good landing with a normal touchdown." The pilot then commented that "it's skittish alright," and the airplane began to enter a ground loop. The flight instructor took over the controls, but the airplane exited the runway, continued through at least a portion of the ground loop, and dragged the right wingtip on the ground. The airplane sustained substantial damage to some right wing ribs and the right aileron. The flight instructor reported that the tower air traffic controller stated that the wind was "light and variable at 4 knots" about that time. The pilot reported that this was his first flight in the accident airplane make and model. Neither the flight instructor nor the pilot reported any preimpact mechanical malfunctions or failures with the airplane that would have precluded normal operation.

Flight Events

Landing-landing roll - Loss of control on ground

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's failure to maintain directional control during landing. Contributing to the accident was the flight instructor's delayed remedial action.

Findings

Aircraft-Aircraft oper/perf/capability-Performance/control parameters-Directional control-Not attained/maintained - C

Personnel issues-Task performance-Use of equip/info-Aircraft control-Pilot - C

Personnel issues-Action/decision-Action-Delayed action-Instructor/check pilot - F

Flight Instructor Information

Certificate:	Airline Transport; Flight Instructor	Age:	69
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:	34000 hours (Total, all aircraft), 15 hours (Total, this make and model), 18000 hours (Pilot In Command, all aircraft), 90 hours (Last 90 days, all aircraft), 50 hours (Last 30 days, all aircraft), 4 hours (Last 24 hours, all aircraft)		

Pilot Information

Certificate:	Private	Age:	34
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	290 hours (Total, all aircraft), 0 hours (Total, this make and model), 182 hours (Pilot In Command, all aircraft), 2 hours (Last 90 days, all aircraft), 1 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	Adolphson	Registration:	N88XC
Model/Series:	CCK-1865	Engines:	1 Reciprocating
Operator:	Wheels Skis & Floats LLC	Engine Manufacturer:	Adolphson
Air Carrier Operating Certificate:	None	Engine Model/Series:	unk
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Meteorological Information and Flight Plan

Observation Facility, Elevation:	BLI, 170 ft msl	Weather Information Source:	Weather Observation Facility
Conditions at Accident Site:	Visual Conditions	Lowest Ceiling:	None
Condition of Light:	Day	Wind Speed/Gusts, Direction:	Calm
Temperature:	14°C / -2°C	Visibility:	10 Miles
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Bellingham, WA (BLI)	Destination:	Bellingham, WA (BLI)

Airport Information

Airport:	Bellingham International (BLI)	Runway Surface Type:	Asphalt
Runway Used:	16	Runway Surface Condition:	Dry
Runway Length/Width:	6700 ft / 150 ft		

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	Michael C Huhn	Adopted Date:	08/29/2013
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=86841		

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.