



National Transportation Safety Board Aviation Accident Data Summary

Location:	Steamboat Springs, CO	Accident Number:	CEN14CA460
Date & Time:	08/01/2014, 1300 MDT	Registration:	N776BC
Aircraft:	AVIAT AIRCRAFT INC HUSKY	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

According to the FAA Certificated flight instructor, he was instructing the student rated pilot on a mountain flying technique known as "popping the flaps" in order to aid in gaining altitude during short field takeoffs. He stated that shortly after rotation, the student reached down to pop the flaps and inadvertently leaned on the yoke, causing the airplane to descend, strike the ground and loop to the right. The airplane sustained substantial damage to the right wing spar. The pilot reported that there were no mechanical failures or anomalies with the airplane prior to or during the flight that would have prevented normal flight operation.

Flight Events

- Takeoff - Abrupt maneuver
- Takeoff - Loss of control in flight
- Takeoff - Collision with terr/obj (non-CFIT)

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The student rated pilot's inadvertent flight control input resulting in a ground loop and substantial damage to the right wing.

Findings

- Aircraft-Aircraft oper/perf/capability-Performance/control parameters-Pitch control-Incorrect use/operation - C
- Personnel issues-Task performance-Use of equip/info-Aircraft control-Pilot - C
- Personnel issues-Action/decision-Action-Incorrect action performance-Pilot - C

Flight Instructor Information

Certificate:	Flight Instructor	Age:	62
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	Airplane Single-engine; Instrument Airplane
Flight Time:	(Estimated) 1895 hours (Total, all aircraft), 75 hours (Total, this make and model)		

Pilot Information

Certificate:	Private	Age:	64
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	(Estimated) 500 hours (Total, all aircraft), 58 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	AVIAT AIRCRAFT INC	Registration:	N776BC
Model/Series:	HUSKY A1B	Engines:	1 Reciprocating
Operator:	HOOT AERO LLC	Engine Manufacturer:	LYCOMING
Air Carrier Operating Certificate:	None	Engine Model/Series:	O-360-CIG
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Meteorological Information and Flight Plan

Observation Facility, Elevation:	KSBS, 6879 ft msl	Weather Information Source:	Weather Observation Facility
Conditions at Accident Site:	Visual Conditions	Lowest Ceiling:	Broken / 8000 ft agl
Condition of Light:	Day	Wind Speed/Gusts, Direction:	6 knots, 180°
Temperature:	22° C / 10° C	Visibility	10 Miles
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	STEAMBOAT SPRINGS, CO (SBS)	Destination:	STEAMBOAT SPRINGS, CO (SBS)

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):	Alexander Lemishko	Adopted Date:	06/15/2016
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=89963		

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