



Aviation Investigation Final Report

Location:	Douglas, Wyoming	Accident Number:	GAA18CA379
Date & Time:	June 11, 2018, 11:00 Local	Registration:	N7455
Aircraft:	DAN JELINEK BACKCOUNTRY SUPERCUB	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot of the tailwheel-equipped airplane reported that, during takeoff from a private, grass airstrip, the trim was not correctly adjusted. The airplane became airborne prematurely and then settled back onto the airstrip. The pilot applied too much right rudder and brake, and the airplane veered right. The airplane ground looped to the left, and the right wing impacted the ground.

The airplane sustained substantial damage to the right wing.

The pilot reported that there were no preaccident mechanical failures or malfunctions 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 overcorrection with rudder during takeoff, which resulted in a loss of directional control.

Findings

Aircraft	Directional control - Not attained/maintained
Aircraft	Rudder control system - Incorrect use/operation
Personnel issues	Aircraft control - Pilot

Factual Information

History of Flight

Takeoff	Miscellaneous/other
Takeoff	Loss of control on ground (Defining event)
Takeoff	Attempted remediation/recovery

Pilot Information

Certificate:	Private	Age:	62,Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Front
Other Aircraft Rating(s):	None	Restraint Used:	Unknown
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 Without waivers/limitations	Last FAA Medical Exam:	January 23, 2018
Occupational Pilot:	No	Last Flight Review or Equivalent:	October 1, 2016
Flight Time:	(Estimated) 900 hours (Total, all aircraft), 45 hours (Total, this make and model), 900 hours (Pilot In Command, all aircraft), 35 hours (Last 90 days, all aircraft), 15 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	DAN JELINEK	Registration:	N7455
Model/Series:	BACKCOUNTRY SUPERCUB NO SERIES	Aircraft Category:	Airplane
Year of Manufacture:	2017	Amateur Built:	Yes
Airworthiness Certificate:	Experimental (Special)	Serial Number:	BC21116R013
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:	November 7, 2017 Condition	Certified Max Gross Wt.:	1650 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:		Engine Manufacturer:	Superior
ELT:	C126 installed, not activated	Engine Model/Series:	IO-400-XP
Registered Owner:		Rated Power:	210 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:	KDGW,4936 ft msl	Distance from Accident Site:	3 Nautical Miles
Observation Time:	16:53 Local	Direction from Accident Site:	18°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	/	Turbulence Type Forecast/Actual:	None / None
Wind Direction:		Turbulence Severity Forecast/Actual:	N/A / N/A
Altimeter Setting:	30.03 inches Hg	Temperature/Dew Point:	17°C / 4°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Chadron, NE (CDR)	Type of Flight Plan Filed:	None
Destination:	Douglas, WY (PVT)	Type of Clearance:	None
Departure Time:	09:00 Local	Type of Airspace:	Class G

Airport Information

Airport:	Private PVT	Runway Surface Type:	Grass/turf
Airport Elevation:	4836 ft msl	Runway Surface Condition:	Dry
Runway Used:	SE	IFR Approach:	None
Runway Length/Width:	1300 ft / 100 ft	VFR Approach/Landing:	None

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:	42.74472,-105.403335(est)

Administrative Information

Investigator In Charge (IIC):	Benhoff, Kathryn
Additional Participating Persons:	Bruce J Hanson; FAA; Casper, WY
Original Publish Date:	March 18, 2019
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=97611

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