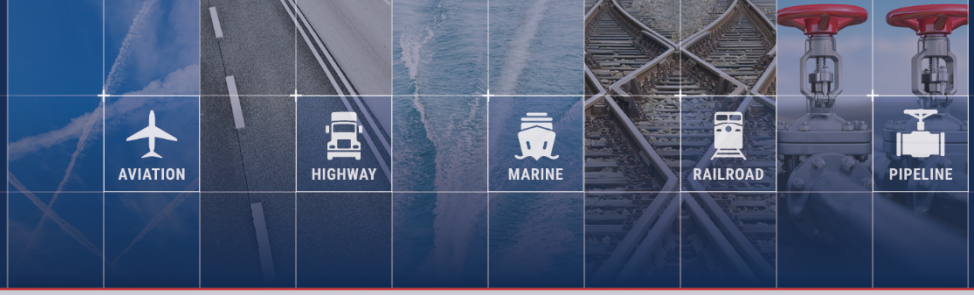

Aviation Investigation Final Report

Location:	Hooper, Utah	**Accident Number:**	WPR21LA356
Date & Time:	September 23, 2021, 16:22 Local	**Registration:**	N696CP
Aircraft:	Kitfox S7	**Aircraft Damage:**	Substantial
Defining Event:	Nose over/nose down	**Injuries:**	1 Minor, 1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot in the tailwheel equipped airplane reported that, he made a normal approach and landed a little fast about 1/3 of the way down the grass airstrip. As he reached the last 1/3 of the airstrip, he got nervous and applied the brakes hard. The airplane subsequently nosed over and came to rest inverted substantially damaging the vertical stabilizer and rudder. 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 excessive brake pressure which resulted in the airplane nosing over and coming to rest inverted.

Findings

Personnel issues	Use of equip/system - Pilot
Aircraft	Brake - Incorrect use/operation
Aircraft	Surface speed/braking - Incorrect use/operation

Factual Information

History of Flight

Landing-landing roll	Nose over/nose down (Defining event)

Pilot Information

Certificate:	Private	**Age:**	34,Male
Airplane Rating(s):	Single-engine land	**Seat Occupied:**	Left
Other Aircraft Rating(s):	None	**Restraint Used:**	4-point
Instrument Rating(s):	None	**Second Pilot Present:**	No
Instructor Rating(s):	None	**Toxicology Performed:**	
Medical Certification:	Class 3 Without waivers/limitations	**Last FAA Medical Exam:**	February 28, 2017
Occupational Pilot:	No	**Last Flight Review or Equivalent:**	
Flight Time:	285 hours (Total, all aircraft), 42 hours (Total, this make and model), 235 hours (Pilot In Command, all aircraft), 48 hours (Last 90 days, all aircraft), 35 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Kitfox	**Registration:**	N696CP
Model/Series:	S7	**Aircraft Category:**	Airplane
Year of Manufacture:	2021	**Amateur Built:**	Yes
Airworthiness Certificate:	Experimental (Special)	**Serial Number:**	KA19108403
Landing Gear Type:	Tailwheel	**Seats:**	
Date/Type of Last Inspection:	July 17, 2021 Condition	**Certified Max Gross Wt.:**	1550 lbs
Time Since Last Inspection:	11 Hrs	**Engines:**	1 Reciprocating
Airframe Total Time:	41.6 Hrs at time of accident	**Engine Manufacturer:**	Rotax
ELT:	Installed, not activated	**Engine Model/Series:**	912STI
Registered Owner:	On file	**Rated Power:**	155
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:	KOGD,4439 ft msl	**Distance from Accident Site:**	6 Nautical Miles
Observation Time:	15:53 Local	**Direction from Accident Site:**	72°
Lowest Cloud Condition:	Clear	**Visibility**	10 miles
Lowest Ceiling:	None	**Visibility (RVR):**	
Wind Speed/Gusts:	9 knots /	**Turbulence Type Forecast/Actual:**	None / None
Wind Direction:	290°	**Turbulence Severity Forecast/Actual:**	N/A / N/A
Altimeter Setting:	30.11 inches Hg	**Temperature/Dew Point:**	26°C / 2°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Ogden, UT (ORD)	**Type of Flight Plan Filed:**	None
Destination:	Hooper, UT	**Type of Clearance:**	VFR
Departure Time:		**Type of Airspace:**	Class E

Airport Information

Airport:	Private N/A	**Runway Surface Type:**	
Airport Elevation:	1500 ft msl	**Runway Surface Condition:**	Dry;Vegetation
Runway Used:		**IFR Approach:**	None
Runway Length/Width:		**VFR Approach/Landing:**	Full stop

Wreckage and Impact Information

Crew Injuries:	1 None	**Aircraft Damage:**	Substantial
Passenger Injuries:	1 Minor	**Aircraft Fire:**	None
Ground Injuries:		**Aircraft Explosion:**	None
Total Injuries:	1 Minor, 1 None	**Latitude, Longitude:**	41.175062,-112.13627(est)

Administrative Information

Investigator In Charge (IIC):	Keliher, Zoe
Additional Participating Persons:	John Hansen; Federal Aviation Administration; Salt Lake City, UT
Original Publish Date:	April 20, 2022
Last Revision Date:	
Investigation Class:	Class 4
Note:	The NTSB did not travel to the scene of this accident.
Investigation Docket:	https://data.ntsb.gov/Docket?ProjectID=103986