



# Aviation Investigation Final Report

<b>Location:</b>	Kosciusko, Mississippi	<b>Accident Number:</b>	CEN20CA106
<b>Date &amp; Time:</b>	February 28, 2020, 15:00 Local	<b>Registration:</b>	N92MH
<b>Aircraft:</b>	Kitfox 57 Super Sport	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>	Aerodynamic stall/spin	<b>Injuries:</b>	2 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

The pilot reported that, during the takeoff roll, he lost "lateral" control when he overcorrected to the left. The airplane subsequently lifted off at too high of an angle of attack, stalled, and impacted terrain left of the runway. The fuselage just forward of the empennage sustained substantial damage. The pilot reported that there were no preaccident mechanical malfunctions or failures 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 lifting off with the airplane at a high of angle of attack, which resulted in aerodynamic stall.

## Findings

<b>Personnel issues</b>	Aircraft control - Pilot
<b>Aircraft</b>	Angle of attack - Not attained/maintained
<b>Personnel issues</b>	Use of equip/system - Pilot

## Factual Information

### History of Flight

<b>Takeoff</b>	Loss of control on ground
<b>Initial climb</b>	Loss of control in flight
<b>Initial climb</b>	Aerodynamic stall/spin (Defining event)
<b>Initial climb</b>	Collision with terr/obj (non-CFIT)

### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	64, Male
<b>Airplane Rating(s):</b>	Single-engine land	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	4-point
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 3 Without waivers/limitations	<b>Last FAA Medical Exam:</b>	May 8, 2018
<b>Occupational Pilot:</b>	No	<b>Last Flight Review or Equivalent:</b>	May 20, 2018
<b>Flight Time:</b>	281 hours (Total, all aircraft), 18 hours (Total, this make and model), 242 hours (Pilot In Command, all aircraft), 26 hours (Last 90 days, all aircraft), 9 hours (Last 30 days, all aircraft), 6 hours (Last 24 hours, all aircraft)		

### Pilot-rated passenger Information

<b>Certificate:</b>	Commercial; Flight instructor	<b>Age:</b>	70, Male
<b>Airplane Rating(s):</b>	Single-engine land; Single-engine sea; Multi-engine land	<b>Seat Occupied:</b>	Right
<b>Other Aircraft Rating(s):</b>	Glider	<b>Restraint Used:</b>	4-point
<b>Instrument Rating(s):</b>	Airplane	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	Airplane single-engine; Glider	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 2 With waivers/limitations	<b>Last FAA Medical Exam:</b>	May 27, 2019
<b>Occupational Pilot:</b>	No	<b>Last Flight Review or Equivalent:</b>	March 13, 2019
<b>Flight Time:</b>	5176 hours (Total, all aircraft), 1 hours (Total, this make and model), 5019 hours (Pilot In Command, all aircraft), 16 hours (Last 90 days, all aircraft), 11 hours (Last 30 days, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Kitfox	<b>Registration:</b>	N92MH
<b>Model/Series:</b>	57 Super Sport	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>	2012	<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Experimental (Special)	<b>Serial Number:</b>	KA11128197
<b>Landing Gear Type:</b>	Tailwheel	<b>Seats:</b>	2
<b>Date/Type of Last Inspection:</b>	June 20, 2019 Condition	<b>Certified Max Gross Wt.:</b>	1550 lbs
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	492 Hrs at time of accident	<b>Engine Manufacturer:</b>	Rotax
<b>ELT:</b>	C126 installed, not activated	<b>Engine Model/Series:</b>	912ULS
<b>Registered Owner:</b>	On file	<b>Rated Power:</b>	100 Horsepower
<b>Operator:</b>	On file	<b>Operating Certificate(s) Held:</b>	None

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual (VMC)	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>		<b>Distance from Accident Site:</b>	
<b>Observation Time:</b>		<b>Direction from Accident Site:</b>	
<b>Lowest Cloud Condition:</b>	Clear	<b>Visibility</b>	10 miles
<b>Lowest Ceiling:</b>	None	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	10 knots /	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	330°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	29.79 inches Hg	<b>Temperature/Dew Point:</b>	14°C / -2°C
<b>Precipitation and Obscuration:</b>			
<b>Departure Point:</b>	Kosciusko, MS (KOSX)	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>	Greenwood, MS (KGWO)	<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	15:00 Local	<b>Type of Airspace:</b>	Class G

## Airport Information

<b>Airport:</b>	Kosciusko-Attala County OSX	<b>Runway Surface Type:</b>	Asphalt
<b>Airport Elevation:</b>	494 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	32	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	5009 ft / 75 ft	<b>VFR Approach/Landing:</b>	None

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	1 None	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	2 None	<b>Latitude, Longitude:</b>	33.057498,-89.587501(est)

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Scott, Arnold
<b>Additional Participating Persons:</b>	Michael E Jones; FAA Flight Standards District Office; Jackson, MS
<b>Original Publish Date:</b>	June 29, 2020
<b>Last Revision Date:</b>	
<b>Investigation Class:</b>	<a href="#">Class</a>
<b>Note:</b>	This accident report documents the factual circumstances of this accident as described to the NTSB.
<b>Investigation Docket:</b>	<a href="https://data.nts.gov/Docket?ProjectID=101014">https://data.nts.gov/Docket?ProjectID=101014</a>

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