



# Aviation Investigation Final Report

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<b>Location:</b>	Page, Arizona	<b>Accident Number:</b>	GAA19CA133
<b>Date &amp; Time:</b>	February 8, 2019, 11:00 Local	<b>Registration:</b>	N995BW
<b>Aircraft:</b>	Denney KITFOX IV SPEEDSTER	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>	Loss of control in flight	<b>Injuries:</b>	2 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

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## Analysis

The pilot reported that, while en route, he observed that his passenger was becoming ill, and he reached for the "sick bags," but he was unable to reach them due to his seat belt. He decided to make a precautionary landing on a dirt road. The pilot added that, during the landing flare, a wind gust "pushed the right wing up," the airplane drifted left, and the left wing struck a tree. The airplane rotated counterclockwise and impacted the ground.

The airplane sustained substantial damage to the fuselage and right wing.

The pilot reported that there were no preaccident mechanical failures or malfunctions with the airplane that would have precluded normal operation.

The pilot reported that the wind was from an unknown direction at 8 to 14 knots, gusting to 14 to 16 knots. An automated weather observation station located about 12 miles from the accident site reported that, about 7 minutes before the accident, the wind was variable at 3 knots. The pilot was landing the airplane to the south.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

The pilot's failure to maintain lateral control during the landing flare, which resulted in the left wing striking a tree.

## Findings

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<b>Aircraft</b>	Lateral/bank control - Not attained/maintained
<b>Personnel issues</b>	Aircraft control - Pilot
<b>Environmental issues</b>	Tree(s) - Effect on operation

## Factual Information

### History of Flight

<b>Landing</b>	Off-field or emergency landing
<b>Landing</b>	Other weather encounter
<b>Landing</b>	Loss of control in flight (Defining event)
<b>Landing</b>	Collision with terr/obj (non-CFIT)

### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	60, 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>	Sport pilot	<b>Last FAA Medical Exam:</b>	August 1, 2015
<b>Occupational Pilot:</b>	No	<b>Last Flight Review or Equivalent:</b>	July 4, 2018
<b>Flight Time:</b>	(Estimated) 506.2 hours (Total, all aircraft), 286.1 hours (Total, this make and model), 506.2 hours (Pilot In Command, all aircraft), 46.4 hours (Last 90 days, all aircraft), 16.6 hours (Last 30 days, all aircraft), 2.5 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Denney	<b>Registration:</b>	N995BW
<b>Model/Series:</b>	KITFOX IV SPEEDSTER	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>	2003	<b>Amateur Built:</b>	Yes
<b>Airworthiness Certificate:</b>	Experimental (Special)	<b>Serial Number:</b>	JBS-070
<b>Landing Gear Type:</b>	Tailwheel	<b>Seats:</b>	2
<b>Date/Type of Last Inspection:</b>	May 16, 2018 Annual	<b>Certified Max Gross Wt.:</b>	1200 lbs
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	475.8 Hrs as of last inspection	<b>Engine Manufacturer:</b>	ROTAX
<b>ELT:</b>		<b>Engine Model/Series:</b>	912UL
<b>Registered Owner:</b>	On file	<b>Rated Power:</b>	80 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>	KPGA,4310 ft msl	<b>Distance from Accident Site:</b>	12 Nautical Miles
<b>Observation Time:</b>	17:53 Local	<b>Direction from Accident Site:</b>	348°
<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>	/	<b>Turbulence Type Forecast/Actual:</b>	None / None
<b>Wind Direction:</b>		<b>Turbulence Severity Forecast/Actual:</b>	N/A / N/A
<b>Altimeter Setting:</b>	30.21 inches Hg	<b>Temperature/Dew Point:</b>	0°C / -9°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	Halls Crossing, UT (U96 )	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>	Buckeye, AZ (BKK )	<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	10:30 Local	<b>Type of Airspace:</b>	Class G

## 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>	36.735832,-111.395553(est)

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Benhoff, Kathryn
<b>Additional Participating Persons:</b>	Michael McComb; FAA; Las Vegas, NV
<b>Original Publish Date:</b>	September 26, 2019
<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=98966">https://data.nts.gov/Docket?ProjectID=98966</a>

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