



Aviation Investigation Final Report

Location:	Lowville, New York	Accident Number:	GAA18CA423
Date & Time:	July 15, 2018, 10:30 Local	Registration:	N555HT
Aircraft:	DANIELS ALAN L KITFOX SERIES 7	Aircraft Damage:	Substantial
Defining Event:	Loss of control in flight	Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot reported that, during landing, about 5 ft off the ground, the left wing raised, and the right wing impacted the ground. Subsequently, the airplane twisted right and landed sideways on the left main landing gear.

The pilot further reported in a telephone conversation that, during the landing, the airplane got slow, there was a breeze from the left, and the airplane did not respond after he applied correction for lateral control.

The airplane sustained substantial damage to both wings, the fuselage, and the elevator.

The pilot recommended that he should have had more speed or performed a go-around.

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 failure to maintain a proper airspeed during the approach to land, which resulted in an aerodynamic stall.

Findings

Aircraft	Airspeed - Not attained/maintained
Aircraft	Lateral/bank control - Attain/maintain not possible
Personnel issues	Aircraft control - Pilot

Factual Information

History of Flight

Landing	Loss of control in flight (Defining event)
Landing	Attempted remediation/recovery
Landing	Collision with terr/obj (non-CFIT)
Landing	Roll over

Pilot Information

Certificate:	Private	Age:	59,Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Left
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:	April 9, 2018
Occupational Pilot:	No	Last Flight Review or Equivalent:	March 20, 2018
Flight Time:	(Estimated) 189 hours (Total, all aircraft), 186 hours (Pilot In Command, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	DANIELS ALAN L	Registration:	N555HT
Model/Series:	KITFOX SERIES 7 No Series	Aircraft Category:	Airplane
Year of Manufacture:	2004	Amateur Built:	Yes
Airworthiness Certificate:	Experimental (Special)	Serial Number:	S60111-076
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:	April 8, 2018 Annual	Certified Max Gross Wt.:	1550 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	898 Hrs at time of accident	Engine Manufacturer:	Rotax
ELT:	Installed, not activated	Engine Model/Series:	912ULS
Registered Owner:		Rated Power:	100 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:	KGTB,688 ft msl	Distance from Accident Site:	18 Nautical Miles
Observation Time:	14:56 Local	Direction from Accident Site:	341°
Lowest Cloud Condition:	Few / 3300 ft AGL	Visibility	10 miles
Lowest Ceiling:		Visibility (RVR):	
Wind Speed/Gusts:	5 knots /	Turbulence Type Forecast/Actual:	None / None
Wind Direction:	270°	Turbulence Severity Forecast/Actual:	N/A / N/A
Altimeter Setting:	29.98 inches Hg	Temperature/Dew Point:	27°C / 21°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Utica/Frankfort, NY (6B4)	Type of Flight Plan Filed:	VFR
Destination:	Lowville, NY	Type of Clearance:	None
Departure Time:	08:50 Local	Type of Airspace:	Class G

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:	43.766944,-75.60028(est)

Administrative Information

Investigator In Charge (IIC):	Swenson, Eric
Additional Participating Persons:	Scott Gillson; FAA; Albany, NY
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=97785

The National Transportation Safety Board (NTSB), established in 1967, is an independent federal agency mandated by Congress through the Independent Safety Board Act of 1974 to investigate transportation accidents, determine the probable causes of the accidents, issue safety recommendations, study transportation safety issues, and evaluate the safety effectiveness of government agencies involved in transportation. The NTSB makes public its actions and decisions through accident reports, safety studies, special investigation reports, safety recommendations, and statistical reviews.

The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report. A factual report that may be admissible under 49 U.S.C. § 1154(b) is available [here](#).