



National Transportation Safety Board Aviation Accident Final Report

Location:	New Lisbon, WI	Accident Number:	GAA16CA067
Date & Time:	11/02/2015, 0745 CST	Registration:	N33939
Aircraft:	TAYLORCRAFT BC12 65	Aircraft Damage:	Substantial
Defining Event:	Aerodynamic stall/spin	Injuries:	1 Minor
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

According to the pilot, immediately after takeoff, the wind speed increased and he elected to complete one pattern and land. With a right quartering head wind, the pilot touched down yet reported that a wind gust made the airplane veer to the right side of the runway. He recalled that he applied full power and aborted the landing. The pilot reported that when he "looked out of the windshield", he realized the airplane was on a heading to impact the airfield hangars, so he turned the airplane to the left, the airplane stalled and impacted the ground. The airplane sustained substantial damage to the right wing strut and empennage.

The pilot reported that there were no mechanical failures or anomalies prior to or during the flight that would have prevented normal flight operation.

The wind at the nearest weather reporting station reported wind from 210 degrees true at 7 knots, with no gusts, and the departure runway heading was 14.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's exceedance of the airplane's critical angle of attack, resulting in an inadvertent aerodynamic stall and impact with terrain.

Findings

Aircraft	Angle of attack - Capability exceeded (Cause)
Personnel issues	Aircraft control - Pilot (Cause)
	Task monitoring/vigilance - Pilot

Factual Information

History of Flight

Landing	Attempted remediation/recovery
Landing-aborted after touchdown	Loss of visual reference
Initial climb	Aerodynamic stall/spin (Defining event) Collision with terr/obj (non-CFIT)

Pilot Information

Certificate:	Private	Age:	74, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Sport Pilot None	Last Medical Exam:	
Occupational Pilot:	No	Last Flight Review or Equivalent:	10/14/2015
Flight Time:	(Estimated) 610 hours (Total, all aircraft), 9 hours (Total, this make and model), 557 hours (Pilot In Command, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	TAYLORCRAFT	Registration:	N33939
Model/Series:	BC12 65 D	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	2789
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:	10/02/2015, Annual	Certified Max Gross Wt.:	1500 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	2095.8 Hours	Engine Manufacturer:	Continental
ELT:	Installed, not activated	Engine Model/Series:	A-65-8
Registered Owner:	Larson, Landon F.	Rated Power:	65 hp
Operator:	Zindorf, Chris M.	Air Carrier Operating Certificate:	None

Meteorological Information and Flight Plan

Observation Facility, Elevation:	KVOK, 912 ft msl	Observation Time:	1358 UTC
Distance from Accident Site:	8 Nautical Miles	Condition of Light:	Day
Direction from Accident Site:	315°	Conditions at Accident Site:	Visual Conditions
Lowest Cloud Condition:	Few / 18000 ft agl	Temperature/Dew Point:	12° C / 11° C
Lowest Ceiling:		Visibility	10 Miles
Wind Speed/Gusts, Direction:	7 knots, 210°	Visibility (RVR):	
Altimeter Setting:	29.83 inches Hg	Visibility (RVV):	
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	New Lisbon, WI (82C)	Type of Flight Plan Filed:	None
Destination:	New Lisbon, WI (82C)	Type of Clearance:	None
Departure Time:	0740 CST	Type of Airspace:	Class G

Airport Information

Airport:	MAUSTON-NEW LISBON UNION (82C)	Runway Surface Type:	Asphalt
Airport Elevation:	907 ft	Runway Surface Condition:	Dry
Runway Used:	14	IFR Approach:	None
Runway Length/Width:	3688 ft / 75 ft	VFR Approach/Landing:	Go Around; Traffic Pattern

Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 Minor		

Administrative Information

Investigator In Charge (IIC):	Michael A Hicks	Adopted Date:	03/14/2016
Additional Participating Persons:	Michael J Pieczynski@; Federal Aviation Administration; Milwaukee, WI		
Publish Date:	03/14/2016		
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=92391		

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