



National Transportation Safety Board Aviation Accident Factual Report

Location:	Salem, OR	Accident Number:	GAA20CA053
Date & Time:	11/01/2019, 1530 PDT	Registration:	N102PH
Aircraft:	ZENAIR CH701	Aircraft Damage:	Substantial
Defining Event:	Loss of control in flight	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Flight Test		

The pilot reported that, while taking off, the airplane, "suddenly jumped" about 30 ft into the air with a nose high attitude and rolled to the right. He corrected by, applying left and forward input on the flight controls. The airplane then rolled to the left. Attempting to level the wings, he reduced power and the airplane impacted terrain.

The pilot further reported that, it was his first flight in the experimental amateur-built airplane and should have waited for calm winds before trying first flight in unfamiliar aircraft.

The airplane sustained substantial damage to the fuselage.

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

The airport's automated weather observation station reported that, about the time of the accident, the wind was from 360° at 12 knots. The airplane was departing from runway 34.

Pilot Information

Certificate:	Private	Age:	69, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Unknown
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 With Waivers/Limitations	Last FAA Medical Exam:	01/09/1986
Occupational Pilot:	No	Last Flight Review or Equivalent:	07/22/2019
Flight Time:	(Estimated) , 280 hours (Pilot In Command, all aircraft), 0.5 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	ZENAIR	Registration:	N102PH
Model/Series:	CH701	Aircraft Category:	Airplane
Year of Manufacture:	2009	Amateur Built:	Yes
Airworthiness Certificate:	Experimental	Serial Number:	7-8890
Landing Gear Type:	Tricycle	Seats:	2
Date/Type of Last Inspection:	08/27/2019, Condition	Certified Max Gross Wt.:	1100 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	0 Hours	Engine Manufacturer:	Rotax
ELT:	C91 installed, activated, did not aid in locating accident	Engine Model/Series:	912 ULS
Registered Owner:	On file	Rated Power:	100 hp
Operator:	On file	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	KSLE, 201 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	2356 UTC	Direction from Accident Site:	167°
Lowest Cloud Condition:	Clear	Visibility	10 Miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	12 knots /	Turbulence Type Forecast/Actual:	None / None
Wind Direction:	360°	Turbulence Severity Forecast/Actual:	N/A / N/A
Altimeter Setting:	30.27 inches Hg	Temperature/Dew Point:	15° C / -6° C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Salem, OR (SLE)	Type of Flight Plan Filed:	None
Destination:	Salem, OR (SLE)	Type of Clearance:	VFR
Departure Time:	1530 PDT	Type of Airspace:	Class C

Airport Information

Airport:	Mcnary Fld (SLE)	Runway Surface Type:	Asphalt
Airport Elevation:	213 ft	Runway Surface Condition:	Dry
Runway Used:	34	IFR Approach:	None
Runway Length/Width:	5146 ft / 100 ft	VFR Approach/Landing:	None

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 None	Latitude, Longitude:	44.909444, -123.002500 (est)

Administrative Information

Investigator In Charge (IIC):	Eric M Gutierrez
Additional Participating Persons:	Kevin Marpert; FAA; Portland, OR
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	http://dms.ntsb.gov/pubdms/search/dockList.cfm?mKey=100528