



# National Transportation Safety Board Aviation Accident Final Report

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<b>Location:</b>	Sunriver, OR	<b>Accident Number:</b>	GAA18CA172
<b>Date &amp; Time:</b>	03/20/2018, 1447 PDT	<b>Registration:</b>	N63010
<b>Aircraft:</b>	LITHUANIAN FACTORY OF AVIATION LAK 12	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>	Loss of lift	<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

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## Analysis

The glider pilot reported that, at 8,800 ft, he encountered a strong sink rate of about 400-600 ft per minute. He added that he was unable to find any thermals and decided to head towards a nearby airport to land. He soon realized that he would not be able to reach the airport and chose to land on a highway instead. During landing, the wings struck road signs and came to rest on the right side of the highway.

The glider sustained substantial damage to the wings.

The pilot reported that there were no preaccident mechanical failures or malfunctions with the glider 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 glider pilot's inadequate flight planning, which resulted in an off-airport landing.

## Findings

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<b>Aircraft</b>	Altitude - Attain/maintain not possible (Cause)
<b>Personnel issues</b>	Flight planning/navigation - Pilot (Cause)
<b>Environmental issues</b>	Sign/marker - Contributed to outcome

## Factual Information

### History of Flight

Enroute-cruise	Loss of lift (Defining event)
Landing	Collision with terr/obj (non-CFIT)

### Pilot Information

Certificate:	Private	Age:	50, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Single
Other Aircraft Rating(s):	Glider	Restraint Used:	5-point
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:	06/15/2016
Occupational Pilot:	No	Last Flight Review or Equivalent:	06/30/2016
Flight Time:	(Estimated) 209 hours (Total, all aircraft), 45 hours (Total, this make and model), 112 hours (Pilot In Command, all aircraft)		

### Aircraft and Owner/Operator Information

Aircraft Make:	LITHUANIAN FACTORY OF AVIATION	Registration:	N63010
Model/Series:	LAK 12 NO SERIES	Aircraft Category:	Glider
Year of Manufacture:	1992	Amateur Built:	No
Airworthiness Certificate:	Experimental	Serial Number:	6228
Landing Gear Type:	Retractable -	Seats:	1
Date/Type of Last Inspection:	Annual	Certified Max Gross Wt.:	1433 lbs
Time Since Last Inspection:		Engines:	0
Airframe Total Time:		Engine Manufacturer:	
ELT:	Not installed	Engine Model/Series:	
Registered Owner:	On file	Rated Power:	
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:	KBDN, 3462 ft msl	Distance from Accident Site:	17 Nautical Miles
Observation Time:	2155 UTC	Direction from Accident Site:	33°
Lowest Cloud Condition:	Clear	Visibility	9 Miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	9 knots /	Turbulence Type Forecast/Actual:	/ None
Wind Direction:	210°	Turbulence Severity Forecast/Actual:	/ N/A
Altimeter Setting:	29.91 inches Hg	Temperature/Dew Point:	13° C / -5° C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	BEND, OR (BDN)	Type of Flight Plan Filed:	None
Destination:	Sunriver, OR	Type of Clearance:	Unknown
Departure Time:	1313 PDT	Type of Airspace:	Class G

## 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:	43.863611, -121.407778

## Administrative Information

Investigator In Charge (IIC):	Kathryn R Benhoff	Adopted Date:	07/05/2018
Additional Participating Persons:	Chuck Wright; FAA; Portland, OR		
Publish Date:	07/05/2018		
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	<a href="http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=96901">http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=96901</a>		

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