



# Aviation Investigation Final Report

<b>Location:</b>	Punta Gorda, Florida	<b>Accident Number:</b>	GAA18CA162
<b>Date &amp; Time:</b>	March 13, 2018, 12:00 Local	<b>Registration:</b>	N989G
<b>Aircraft:</b>	AEROPRO CZ EUROFOX LSA	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>	Birdstrike	<b>Injuries:</b>	1 Minor, 1 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

The pilot reported that, during the approach to land, a turkey vulture impacted the airplane's front windshield. After the impact, he declared an emergency and landed the airplane without further incident.

The airplane sustained substantial damage to the front windshield.

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:

A collision with a large bird during approach.

## Findings

<b>Environmental issues</b>	Animal(s)/bird(s) - Effect on equipment
<b>Environmental issues</b>	Animal(s)/bird(s) - Ability to respond/compensate

## Factual Information

### History of Flight

Enroute	Birdstrike (Defining event)
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### Pilot Information

Certificate:	Commercial; Flight instructor	Age:	65,Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Right
Other Aircraft Rating(s):	None	Restraint Used:	4-point
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	Sport pilot	Toxicology Performed:	No
Medical Certification:	Sport pilot With waivers/limitations	Last FAA Medical Exam:	May 5, 2012
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	April 18, 2016
Flight Time:	(Estimated) 4069.3 hours (Total, all aircraft), 2695 hours (Total, this make and model), 3953.1 hours (Pilot In Command, all aircraft), 53.2 hours (Last 90 days, all aircraft), 18.2 hours (Last 30 days, all aircraft), 1.2 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

Aircraft Make:	AEROPRO CZ	Registration:	N989G
Model/Series:	EUROFOX LSA NO SERIES	Aircraft Category:	Airplane
Year of Manufacture:	2007	Amateur Built:	
Airworthiness Certificate:	Special light-sport (Special)	Serial Number:	22407
Landing Gear Type:	Tricycle	Seats:	2
Date/Type of Last Inspection:	March 12, 2018 100 hour	Certified Max Gross Wt.:	1283 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	2687 Hrs at time of accident	Engine Manufacturer:	Rotax
ELT:	C91A installed, not activated	Engine Model/Series:	912UL
Registered Owner:		Rated Power:	80 Horsepower
Operator:	On file	Operating Certificate(s) Held:	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>	PGD,30 ft msl	<b>Distance from Accident Site:</b>	1 Nautical Miles
<b>Observation Time:</b>	15:53 Local	<b>Direction from Accident Site:</b>	101°
<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>	8 knots / 14 knots	<b>Turbulence Type Forecast/Actual:</b>	/ None
<b>Wind Direction:</b>	10°	<b>Turbulence Severity Forecast/Actual:</b>	/ N/A
<b>Altimeter Setting:</b>	30.13 inches Hg	<b>Temperature/Dew Point:</b>	17°C / -1°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	Punta Gorda, FL (PGD )	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>	Punta Gorda, FL (PGD )	<b>Type of Clearance:</b>	VFR
<b>Departure Time:</b>	10:30 Local	<b>Type of Airspace:</b>	Class D

## Airport Information

<b>Airport:</b>	PUNTA GORDA PGD	<b>Runway Surface Type:</b>	Asphalt
<b>Airport Elevation:</b>	25 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	04	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	7193 ft / 150 ft	<b>VFR Approach/Landing:</b>	Traffic pattern

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	1 Minor	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	1 Minor, 1 None	<b>Latitude, Longitude:</b>	26.918333,-81.996665(est)

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Swenson, Eric
<b>Additional Participating Persons:</b>	Linda Williams; FAA; Tampa, FL
<b>Original Publish Date:</b>	June 10, 2019
<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=96867">https://data.nts.gov/Docket?ProjectID=96867</a>

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