



# National Transportation Safety Board Aviation Accident Final Report

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<b>Location:</b>	Fitzgerald, GA	<b>Accident Number:</b>	GAA20CA080
<b>Date &amp; Time:</b>	11/11/2019, 1915 EST	<b>Registration:</b>	N844SA
<b>Aircraft:</b>	SYMPHONY AIRCRAFT IND INC SA	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>	Wildlife encounter (non-bird)	<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

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## Analysis

The pilot reported that, during the landing roll, a deer ran across the runway and struck the airplane's right side. The pilot was able to taxi the airplane to the ramp without further incident. The airplane sustained substantial damage to the fuselage aft of the nosewheel. 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 airplane's impact with a deer while landing.

## Findings

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

## Factual Information

### History of Flight

Taxi-from runway	Wildlife encounter (non-bird) (Defining event)
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### Pilot Information

Certificate:	Private	Age:	33, 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:	Class 3 Without Waivers/Limitations	Last FAA Medical Exam:	05/09/2016
Occupational Pilot:	No	Last Flight Review or Equivalent:	08/23/2019
Flight Time:	(Estimated) 178.5 hours (Total, all aircraft), 115 hours (Total, this make and model), 178.5 hours (Pilot In Command, all aircraft), 36.6 hours (Last 90 days, all aircraft), 12.2 hours (Last 30 days, all aircraft), 3 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

Aircraft Make:	SYMPHONY AIRCRAFT IND INC	Registration:	N844SA
Model/Series:	SA 160	Aircraft Category:	Airplane
Year of Manufacture:	2006	Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	S-0015
Landing Gear Type:	Tricycle	Seats:	2
Date/Type of Last Inspection:	05/07/2019, Annual	Certified Max Gross Wt.:	2150 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	773.9 Hours at time of accident	Engine Manufacturer:	Lycoming
ELT:	Installed, not activated	Engine Model/Series:	O-320-D2A
Registered Owner:	Part Time Aviation Llc	Rated Power:	160 hp
Operator:	On file	Operating Certificate(s) Held:	None

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Night
Observation Facility, Elevation:	KFZG, 365 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	2335 UTC	Direction from Accident Site:	81°
Lowest Cloud Condition:	Clear	Visibility	10 Miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	Calm /	Turbulence Type Forecast/Actual:	None / None
Wind Direction:		Turbulence Severity Forecast/Actual:	N/A / N/A
Altimeter Setting:	30.1 inches Hg	Temperature/Dew Point:	15°C / 14°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Douglas, GA (DQH)	Type of Flight Plan Filed:	Unknown
Destination:	Fitzgerald, GA (FZG)	Type of Clearance:	Unknown
Departure Time:	1900 EST	Type of Airspace:	Class G

## Airport Information

Airport:	Fitzgerald Muni (FZG)	Runway Surface Type:	Asphalt
Airport Elevation:	364 ft	Runway Surface Condition:	Dry
Runway Used:	02	IFR Approach:	None
Runway Length/Width:	5000 ft / 101 ft	VFR Approach/Landing:	Full Stop; Traffic Pattern

## 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:	31.683889, -83.270833 (est)

## Administrative Information

Investigator In Charge (IIC):	Eric M Gutierrez	Report Date:	05/21/2020
Additional Participating Persons:	Steven L Davidson; FAA; Atlanta, GA		
Publish Date:	05/21/2020		
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=100583">http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=100583</a>		

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](#).