



Aviation Investigation Final Report

Location:	Fortuna, California	Accident Number:	WPR20CA312
Date & Time:	August 30, 2020, 22:00 Local	Registration:	N982SB
Aircraft:	Beechcraft C90A	Aircraft Damage:	Substantial
Defining Event:	Wildlife encounter (non-bird)	Injuries:	3 None
Flight Conducted Under:	Part 135: Air taxi & commuter - Non-scheduled - Air Medical (Unspecified)		

Analysis

The pilot of a multi-engine airplane reported that, during the night landing, a deer ran across the runway and struck the left engine. The pilot subsequently taxied the airplane to the ramp without further incident. The left engine mount was substantially damaged. 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 deer while landing at night.

Findings

Environmental issues	Animal(s)/bird(s) - Effect on equipment
Environmental issues	Dark - Effect on operation

Factual Information

History of Flight

Landing-landing roll	Wildlife encounter (non-bird) (Defining event)
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Pilot Information

Certificate:	Airline transport; Commercial	Age:	64, Male
Airplane Rating(s):	Single-engine land; Multi-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	4-point
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	Airplane multi-engine; Airplane single-engine; Instrument airplane	Toxicology Performed:	No
Medical Certification:	Class 2 With waivers/limitations	Last FAA Medical Exam:	December 3, 2019
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	June 9, 2020
Flight Time:	(Estimated) 15000 hours (Total, all aircraft), 1000 hours (Total, this make and model), 7500 hours (Pilot In Command, all aircraft), 73 hours (Last 90 days, all aircraft), 39 hours (Last 30 days, all aircraft), 4.5 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Beechcraft	Registration:	N982SB
Model/Series:	C90A	Aircraft Category:	Airplane
Year of Manufacture:	1998	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	LJ-1518
Landing Gear Type:	Retractable - Tricycle	Seats:	5
Date/Type of Last Inspection:	June 4, 2020	Certified Max Gross Wt.:	10160 lbs
Time Since Last Inspection:		Engines:	2 Turbo prop
Airframe Total Time:	3868.3 Hrs at time of accident	Engine Manufacturer:	Pratt & Whitney
ELT:	C126 installed	Engine Model/Series:	PT6A-135A
Registered Owner:	Cal-Ore Life Flight LLC	Rated Power:	750 Horsepower
Operator:	Guardian Flight, LLC	Operating Certificate(s) Held:	On-demand air taxi (135)

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Night
Observation Facility, Elevation:	KFOT,391 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	05:15 Local	Direction from Accident Site:	303°
Lowest Cloud Condition:	Clear	Visibility	8 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	4 knots /	Turbulence Type Forecast/Actual:	None / None
Wind Direction:	110°	Turbulence Severity Forecast/Actual:	N/A / N/A
Altimeter Setting:	29.89 inches Hg	Temperature/Dew Point:	11°C / 8°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Crescent City, CA (CEC)	Type of Flight Plan Filed:	
Destination:	Fortuna, CA (FOT)	Type of Clearance:	None
Departure Time:	02:14 Local	Type of Airspace:	Class G

Airport Information

Airport:	ROHNERVILLE FOT	Runway Surface Type:	Asphalt
Airport Elevation:	392 ft msl	Runway Surface Condition:	Dry
Runway Used:	11	IFR Approach:	None
Runway Length/Width:	4005 ft / 100 ft	VFR Approach/Landing:	Full stop;Straight-in

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	2 None	Aircraft Fire:	None
Ground Injuries:		Aircraft Explosion:	None
Total Injuries:	3 None	Latitude, Longitude:	40.55389,-124.13277(est)

Administrative Information

Investigator In Charge (IIC):	Gutierrez, Eric
Additional Participating Persons:	Michael Arraiz; FAA; Oakland, CA
Original Publish Date:	August 24, 2021
Last Revision Date:	
Investigation Class:	Class 4
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=101997

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