



Aviation Investigation Final Report

Location:	Onaway, Michigan	Accident Number:	CEN14CA026
Date & Time:	October 9, 2013, 19:30 Local	Registration:	N9757N
Aircraft:	Cessna 310R	Aircraft Damage:	Substantial
Defining Event:	Wildlife encounter (non-bird)	Injuries:	2 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot reported that he was landing at a non-towered airport at night to drop off a passenger. During the landing flare just prior to touchdown, the pilot saw three deer run onto the runway out of his periphery. One of the deer ran on to the runway and was struck by the airplane's left main landing gear. The collision folded the left main gear aft and the left wing contacted the runway as the airplane touched down. The airplane slid down the runway and veered off the left side of the runway surface before coming to rest. Examination of the airplane revealed substantial damage to the left wing and aileron.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

An inadvertent collision with a deer during landing.

Findings

Environmental issues	Animal(s)/bird(s) - Contributed to outcome
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Factual Information

History of Flight

Landing-flare/touchdown	Wildlife encounter (non-bird) (Defining event)
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Pilot Information

Certificate:	Commercial; Flight instructor	Age:	50
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:	
Instructor Rating(s):	Airplane multi-engine; Airplane single-engine; Instrument airplane	Toxicology Performed:	No
Medical Certification:	Class 2 Without waivers/limitations	Last FAA Medical Exam:	August 29, 2013
Occupational Pilot:		Last Flight Review or Equivalent:	June 19, 2013
Flight Time:	8240 hours (Total, all aircraft), 854 hours (Total, this make and model), 8116 hours (Pilot In Command, all aircraft), 100 hours (Last 90 days, all aircraft), 28 hours (Last 30 days, all aircraft)		

Passenger Information

Certificate:		Age:	
Airplane Rating(s):		Seat Occupied:	Right
Other Aircraft Rating(s):		Restraint Used:	
Instrument Rating(s):		Second Pilot Present:	
Instructor Rating(s):		Toxicology Performed:	No
Medical Certification:		Last FAA Medical Exam:	
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:			

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N9757N
Model/Series:	310R	Aircraft Category:	Airplane
Year of Manufacture:	1979	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	310R1639
Landing Gear Type:	Tricycle	Seats:	6
Date/Type of Last Inspection:	May 1, 2013 Annual	Certified Max Gross Wt.:	5501 lbs
Time Since Last Inspection:		Engines:	2 Reciprocating
Airframe Total Time:	2551 Hrs as of last inspection	Engine Manufacturer:	Continental
ELT:	C91A installed, not activated	Engine Model/Series:	TSIO-520-BB
Registered Owner:	On file	Rated Power:	285 Horsepower
Operator:	On file	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Night
Observation Facility, Elevation:	KPZQ, 670 ft msl	Distance from Accident Site:	18 Nautical Miles
Observation Time:	23:15 Local	Direction from Accident Site:	83°
Lowest Cloud Condition:	Clear	Visibility:	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	4 knots /	Turbulence Type Forecast/Actual:	/ None
Wind Direction:	180°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30.2 inches Hg	Temperature/Dew Point:	19°C / 11°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	COLDWATER, MI (OEB)	Type of Flight Plan Filed:	None
Destination:	Onaway, MI (Y96)	Type of Clearance:	VFR flight following
Departure Time:	17:45 Local	Type of Airspace:	Class E

Airport Information

Airport:	LEO E. GOETZ COUNTY Y96	Runway Surface Type:	Asphalt
Airport Elevation:	830 ft msl	Runway Surface Condition:	Dry
Runway Used:	15	IFR Approach:	None
Runway Length/Width:	2600 ft / 60 ft	VFR Approach/Landing:	Full stop

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	1 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 None	Latitude, Longitude:	45.370834,-84.224998(est)

Administrative Information

Investigator In Charge (IIC): Liedler, Courtney

Additional Participating Persons:

Original Publish Date: February 3, 2014

Last Revision Date:

Investigation Class: [Class](#)

Note: This accident report documents the factual circumstances of this accident as described to the NTSB.

Investigation Docket: <https://data.nts.gov/Docket?ProjectID=88337>

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The NTSB does not assign fault or blame for an accident or incident; rather, as specified by NTSB regulation, “accident/incident investigations are fact-finding proceedings with no formal issues and no adverse parties ... and are not conducted for the purpose of determining the rights or liabilities of any person” (Title 49 *Code of Federal Regulations* section 831.4). Assignment of fault or legal liability is not relevant to the NTSB’s statutory mission to improve transportation safety by investigating accidents and incidents and issuing safety recommendations. In addition, statutory language prohibits the admission into evidence or use of any part of an NTSB report related to an accident in a civil action for damages resulting from a matter mentioned in the report (Title 49 *United States Code* section 1154(b)). A factual report that may be admissible under 49 *United States Code* section 1154(b) is available [here](#).