



Aviation Investigation Final Report

Location:	Crystal Falls, Michigan	Accident Number:	CEN12CA305
Date & Time:	May 16, 2012, 17:45 Local	Registration:	N4742E
Aircraft:	Cessna A185F	Aircraft Damage:	Substantial
Defining Event:	Abrupt maneuver	Injuries:	2 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

Two deer ran out of a wooded area and toward the runway from left to right in front of the airplane during the landing roll. The pilot applied left rudder in an attempt to avoid the deer, assuming they were going to continue across the runway. One of the deer continued across the runway. The other deer stopped on the runway and turned around to go back into the woods. The pilot applied right rudder in order to avoid the second deer and the airplane ground-looped. The left wing was substantially damaged when it contacted the ground during the ground loop.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's abrupt maneuver to avoid deer that unexpectedly ran into the airplane's path during the landing roll.

Findings

Environmental issues	Animal(s)/bird(s) - Response/compensation
Aircraft	(general) - Not attained/maintained

Factual Information

History of Flight

Landing-landing roll	Abrupt maneuver (Defining event)
Landing-landing roll	Loss of control on ground

Pilot Information

Certificate:	Commercial	Age:	63, Male
Airplane Rating(s):	Single-engine land; Single-engine sea; Multi-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 2 With waivers/limitations	Last FAA Medical Exam:	October 3, 2011
Occupational Pilot:	No	Last Flight Review or Equivalent:	April 21, 2012
Flight Time:	5309 hours (Total, all aircraft), 225 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N4742E
Model/Series:	A185F	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	18503853
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	October 10, 2011 Annual	Certified Max Gross Wt.:	
Time Since Last Inspection:	48 Hrs	Engines:	1 Reciprocating
Airframe Total Time:	3157 Hrs	Engine Manufacturer:	Continental
ELT:	Installed, not activated	Engine Model/Series:	IO-520-D29B
Registered Owner:	WHITEHEAD DENNIS C	Rated Power:	300 Horsepower
Operator:	WHITEHEAD DENNIS C	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	IMT,1182 ft msl	Distance from Accident Site:	15 Nautical Miles
Observation Time:	17:45 Local	Direction from Accident Site:	150°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	8 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	320°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30.05 inches Hg	Temperature/Dew Point:	18°C / -6°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Iron Mountain, MI (IMT)	Type of Flight Plan Filed:	None
Destination:	Crystal Falls, MI (50D)	Type of Clearance:	None
Departure Time:	17:25 Local	Type of Airspace:	Class G

Airport Information

Airport:	Iron County Airport 50D	Runway Surface Type:	
Airport Elevation:		Runway Surface Condition:	
Runway Used:	30	IFR Approach:	None
Runway Length/Width:		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:	
Total Injuries:	2 None	Latitude, Longitude:	46.008888,-88.273887

Administrative Information

Investigator In Charge (IIC):	Sullivan, Pamela
Additional Participating Persons:	Thomas Kozura; FAA-GRR-FSDO; Grand Rapids, MI
Original Publish Date:	July 18, 2012
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=83683

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