



Aviation Investigation Final Report

Location:	Willoughby, Ohio	Accident Number:	CEN13CA215
Date & Time:	March 30, 2013, 14:39 Local	Registration:	N1267G
Aircraft:	Cessna 310Q	Aircraft Damage:	Substantial
Defining Event:	Birdstrike	Injuries:	2 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot reported that a hawk impacted the right wing of the airplane while he was conducting a practice instrument approach in visual conditions. The flight was at 3,000 feet mean sea level and outside the final approach fix at the time of the impact. The pilot maintained control of the airplane and transitioned to a visual approach, subsequently executing a straight-in, no-flap landing without further incident. The airplane sustained substantial damage to the right wing as a result of the collision.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: A bird strike during a practice instrument approach in visual conditions.

Findings

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

History of Flight

Approach-IFR initial approach	Birdstrike (Defining event)
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Pilot Information

Certificate:	Commercial	Age:	59, Male
Airplane Rating(s):	Single-engine land; 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 3 With waivers/limitations	Last FAA Medical Exam:	September 30, 2011
Occupational Pilot:	No	Last Flight Review or Equivalent:	October 23, 2011
Flight Time:	1254 hours (Total, all aircraft), 879 hours (Total, this make and model), 1202 hours (Pilot In Command, all aircraft), 3 hours (Last 90 days, all aircraft), 3 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N1267G
Model/Series:	310Q	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	310Q1118
Landing Gear Type:	Retractable - Tricycle	Seats:	6
Date/Type of Last Inspection:	April 5, 2012 Annual	Certified Max Gross Wt.:	5200 lbs
Time Since Last Inspection:		Engines:	2 Reciprocating
Airframe Total Time:	4558 Hrs as of last inspection	Engine Manufacturer:	CONT MOTOR
ELT:	Installed, not activated	Engine Model/Series:	IO-470
Registered Owner:	J R AVIATION INC	Rated Power:	260 Horsepower
Operator:	J R AVIATION INC	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	CGF,879 ft msl	Distance from Accident Site:	5 Nautical Miles
Observation Time:	14:45 Local	Direction from Accident Site:	236°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	10 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	240°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30.13 inches Hg	Temperature/Dew Point:	12°C / -5°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Willoughby, OH (CGF)	Type of Flight Plan Filed:	None
Destination:	Willoughby, OH (CGF)	Type of Clearance:	VFR
Departure Time:	13:00 Local	Type of Airspace:	

Airport Information

Airport:	Cuyahoga County CGF	Runway Surface Type:	Concrete
Airport Elevation:	879 ft msl	Runway Surface Condition:	Dry
Runway Used:	24	IFR Approach:	ILS
Runway Length/Width:	5102 ft / 100 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:	41.565277,-81.486389(est)

Administrative Information

Investigator In Charge (IIC): Sorensen, Timothy

Additional Participating Persons:

Original Publish Date: August 7, 2013

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=86556>

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