



Aviation Investigation Final Report

Location:	Wilmington, North Carolina	Accident Number:	GAA18CA475
Date & Time:	August 1, 2018, 18:00 Local	Registration:	N557AP
Aircraft:	Beech B300	Aircraft Damage:	Substantial
Defining Event:	Birdstrike	Injuries:	6 None
Flight Conducted Under:	Part 91: General aviation		

Analysis

The pilot reported that he began the initial approach at the destination airport, about 1,800 to 2,000 ft mean sea level, and the airplane encountered a "widespread circling group of what appeared to be turkey vultures." The right wing struck a bird, and the airplane landed without further incident.

The airplane sustained substantial damage to the right wing.

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 collision with a bird during approach.

Findings

Environmental issues	Animal(s)/bird(s) - Effect on equipment
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Factual Information

History of Flight

Enroute	Birdstrike (Defining event)
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Pilot Information

Certificate:	Airline transport; Flight instructor	Age:	53,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:	Yes
Instructor Rating(s):	Airplane single-engine	Toxicology Performed:	No
Medical Certification:	Class 2 Without waivers/limitations	Last FAA Medical Exam:	September 26, 2017
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	June 6, 2018
Flight Time:	(Estimated) 5400 hours (Total, all aircraft), 1200 hours (Total, this make and model), 4600 hours (Pilot In Command, all aircraft), 120 hours (Last 90 days, all aircraft), 40 hours (Last 30 days, all aircraft), 4 hours (Last 24 hours, all aircraft)		

Co-pilot Information

Certificate:	Airline transport	Age:	63,Male
Airplane Rating(s):	Multi-engine land	Seat Occupied:	Right
Other Aircraft Rating(s):	None	Restraint Used:	4-point
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):	Airplane single-engine; Instrument airplane	Toxicology Performed:	No
Medical Certification:	Class 2 With waivers/limitations	Last FAA Medical Exam:	June 8, 2018
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	November 11, 2017
Flight Time:	(Estimated) 4700 hours (Total, all aircraft), 330 hours (Total, this make and model), 120 hours (Last 90 days, all aircraft), 35 hours (Last 30 days, all aircraft), 4 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Beech	Registration:	N557AP
Model/Series:	B300	Aircraft Category:	Airplane
Year of Manufacture:	2013	Amateur Built:	
Airworthiness Certificate:	Commuter	Serial Number:	FL-879
Landing Gear Type:	Retractable - Tricycle	Seats:	11
Date/Type of Last Inspection:	March 9, 2018 Continuous airworthiness	Certified Max Gross Wt.:	15000 lbs
Time Since Last Inspection:		Engines:	2 Turbo prop
Airframe Total Time:	1256 Hrs at time of accident	Engine Manufacturer:	P&W Canada
ELT:	C126 installed, not activated	Engine Model/Series:	PT6A-60A
Registered Owner:	Atlantic Transportation Of Wilmington LI	Rated Power:	1050 Horsepower
Operator:	Atlantic Transportation Of Wilmington LI	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	KILM,38 ft msl	Distance from Accident Site:	3 Nautical Miles
Observation Time:	21:53 Local	Direction from Accident Site:	42°
Lowest Cloud Condition:	Few / 3000 ft AGL	Visibility	10 miles
Lowest Ceiling:	Broken / 12000 ft AGL	Visibility (RVR):	
Wind Speed/Gusts:	8 knots / None	Turbulence Type Forecast/Actual:	None / None
Wind Direction:	180°	Turbulence Severity Forecast/Actual:	N/A / N/A
Altimeter Setting:	30.11 inches Hg	Temperature/Dew Point:	30°C / 23°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Rock Hill, SC (UZA)	Type of Flight Plan Filed:	IFR
Destination:	Wilmington, NC (ILM)	Type of Clearance:	IFR
Departure Time:	17:15 Local	Type of Airspace:	Class D;TRSA

Wreckage and Impact Information

Crew Injuries:	2 None	Aircraft Damage:	Substantial
Passenger Injuries:	4 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	6 None	Latitude, Longitude:	34.226387,-77.944725(est)

Administrative Information

Investigator In Charge (IIC):	Benhoff, Kathryn
Additional Participating Persons:	Tim McQuain; FAA; Greensboro, NC
Original Publish Date:	March 18, 2019
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=98017

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