



Aviation Investigation Final Report

Location:	Lakeview, Arkansas	Accident Number:	GAA18CA361
Date & Time:	June 17, 2018, 10:15 Local	Registration:	N174DM
Aircraft:	RAYTHEON AIRCRAFT COMPANY A36	Aircraft Damage:	Substantial
Defining Event:	Hard landing	Injuries:	3 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot in the retractable-landing-gear-equipped airplane reported that, during the approach, he was distracted by people that were on the runway and believed he "neglected to lower the landing gear." He added that, during landing, he thought that the propeller contacted turf, and he aborted the landing. The airplane gained altitude, and he turned right, but the airspeed did not increase like he felt that it should. Rather than continue the flight over rising terrain, he extended the landing gear and landed in a field, but the airplane landed hard.

The airplane sustained substantial damage to both wings.

The pilot reported that there were no preaccident mechanical malfunctions or failures 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 pilot's failure to extend the landing gear before landing, which resulted in a propeller strike, followed by an aborted landing and a subsequent hard, precautionary landing.

Findings

Aircraft	Main landing gear - Not used/operated
Personnel issues	Use of equip/system - Pilot

Factual Information

History of Flight

Approach	Miscellaneous/other
Landing-flare/touchdown	Landing gear not configured
Landing-aborted after touchdown	Off-field or emergency landing
Landing-flare/touchdown	Hard landing (Defining event)

Pilot Information

Certificate:	Private	Age:	46,Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	3-point
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 None	Last FAA Medical Exam:	September 1, 2018
Occupational Pilot:	No	Last Flight Review or Equivalent:	December 20, 2015
Flight Time:	(Estimated) 390 hours (Total, all aircraft), 284 hours (Total, this make and model), 334 hours (Pilot In Command, all aircraft), 36 hours (Last 90 days, all aircraft), 27 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	RAYTHEON AIRCRAFT COMPANY	Registration:	N174DM
Model/Series:	A36 A36	Aircraft Category:	Airplane
Year of Manufacture:	1996	Amateur Built:	
Airworthiness Certificate:	Utility	Serial Number:	E-3041
Landing Gear Type:	Retractable - Tricycle	Seats:	5
Date/Type of Last Inspection:	June 28, 2018 100 hour	Certified Max Gross Wt.:	4000 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	3304 Hrs at time of accident	Engine Manufacturer:	Continental
ELT:	C126 installed	Engine Model/Series:	IO550B6F
Registered Owner:		Rated Power:	300 Horsepower
Operator:		Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	KBPK,928 ft msl	Distance from Accident Site:	4 Nautical Miles
Observation Time:	15:53 Local	Direction from Accident Site:	74°
Lowest Cloud Condition:	Few / 2900 ft AGL	Visibility	10 miles
Lowest Ceiling:		Visibility (RVR):	
Wind Speed/Gusts:	/	Turbulence Type Forecast/Actual:	/ None
Wind Direction:		Turbulence Severity Forecast/Actual:	/ N/A
Altimeter Setting:	30.06 inches Hg	Temperature/Dew Point:	29°C / 23°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	NASHVILLE, TN (JWN)	Type of Flight Plan Filed:	None
Destination:	Lakeview, AR (3M0)	Type of Clearance:	None
Departure Time:	08:00 Local	Type of Airspace:	Class G

Airport Information

Airport:	GASTONS 3M0	Runway Surface Type:	Grass/turf
Airport Elevation:	479 ft msl	Runway Surface Condition:	Dry
Runway Used:	24	IFR Approach:	None
Runway Length/Width:	3200 ft / 55 ft	VFR Approach/Landing:	Forced landing;Go around;Traffic pattern

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	2 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	3 None	Latitude, Longitude:	36.349166,-92.555831(est)

Administrative Information

Investigator In Charge (IIC):	Hicks, Michael
Additional Participating Persons:	Shane Benedetto; FAA; Little Rock, AR
Original Publish Date:	March 18, 2019
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=97521

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