



Aviation Investigation Final Report

Location:	Hayes Center, Nebraska	Accident Number:	GAA18CA495
Date & Time:	August 17, 2018, 09:40 Local	Registration:	N4102N
Aircraft:	Cessna 140	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot in the tailwheel-equipped airplane reported that the airplane bounced during the wheel landing on the narrow, private grass airstrip. He allowed a "slight drift" to continue without applying adequate corrective rudder input, and the right wing collided with cornstalks that outlined the perimeter of the airstrip. The right main landing gear failed, and the airplane came to rest on its right wing.

The airplane sustained substantial damage to the right wing.

The pilot reported that there were no 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 maintain directional control during landing.

Findings

Personnel issues	Aircraft control - Pilot
Environmental issues	(general) - Effect on equipment
Environmental issues	(general) - Contributed to outcome

Factual Information

History of Flight

Landing-landing roll	Abnormal runway contact
Landing-landing roll	Loss of control on ground (Defining event)
Landing-landing roll	Collision with terr/obj (non-CFIT)
Landing-landing roll	Landing gear collapse

Pilot Information

Certificate:	Private	Age:	64, Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Lap only
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	Yes
Medical Certification:	BasicMed With waivers/limitations	Last FAA Medical Exam:	May 2, 2017
Occupational Pilot:	No	Last Flight Review or Equivalent:	March 27, 2018
Flight Time:	(Estimated) 525 hours (Total, all aircraft), 83 hours (Total, this make and model), 484 hours (Pilot In Command, all aircraft), 9.3 hours (Last 90 days, all aircraft), 0.6 hours (Last 30 days, all aircraft), 0.6 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N4102N
Model/Series:	140 Undesignat	Aircraft Category:	Airplane
Year of Manufacture:	1947	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	13560
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:	February 28, 2018 Annual	Certified Max Gross Wt.:	1451 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	as of last inspection	Engine Manufacturer:	Continental
ELT:	Installed, not activated	Engine Model/Series:	C85 SERIES
Registered Owner:	On file	Rated Power:	85 Horsepower
Operator:	On file	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	3034 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	09:40 Local	Direction from Accident Site:	0°
Lowest Cloud Condition:		Visibility	
Lowest Ceiling:		Visibility (RVR):	
Wind Speed/Gusts:	/	Turbulence Type Forecast/Actual:	/
Wind Direction:		Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	
Precipitation and Obscuration:			
Departure Point:	Wallace, NE (64V)	Type of Flight Plan Filed:	None
Destination:	Wallace, NE (64V)	Type of Clearance:	None
Departure Time:	09:00 Local	Type of Airspace:	Class G

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 None	Latitude, Longitude:	40.49361,-101.043052(est)

Administrative Information

Investigator In Charge (IIC):	Hicks, Michael
Additional Participating Persons:	Robert Markise; FAA; Lincoln , NE
Original Publish Date:	September 26, 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=98096

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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](#).