



Aviation Investigation Final Report

Location:	Carrington, North Dakota	Accident Number:	GAA18CA241
Date & Time:	April 28, 2018, 07:45 Local	Registration:	N34459
Aircraft:	Aeronca 65 LB	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Instructional		

Analysis

The solo student pilot reported that, during landing, the tailwheel-equipped airplane touched down "a little" crooked, veered to the right, and he attempted to correct with rudder but the airplane ran off the right side of the runway into a field that "wasn't terribly rough." He added that he attempted to takeoff from the field, but "realized it wasn't going to happen before the approaching trees." Subsequently, he aborted the takeoff, applied the brakes, and the airplane nosed over.

The airplane sustained substantial damage to the left-wing lift strut.

The student 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 pilot's failure to maintain directional control and his subsequent excessive brake application during landing, which resulted in a nose-over.

Findings

Aircraft	Directional control - Not attained/maintained
Aircraft	Surface speed/braking - Incorrect use/operation
Personnel issues	Aircraft control - Pilot
Environmental issues	Rough terrain - Effect on operation

Factual Information

History of Flight

Landing	Abnormal runway contact
Landing	Loss of control on ground (Defining event)
Landing	Attempted remediation/recovery
Landing	Runway excursion
Takeoff-rejected takeoff	Attempted remediation/recovery
Landing	Nose over/nose down

Student pilot Information

Certificate:	Student	Age:	65, Male
Airplane Rating(s):	None	Seat Occupied:	Unknown
Other Aircraft Rating(s):	None	Restraint Used:	Lap only
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 Without waivers/limitations	Last FAA Medical Exam:	February 7, 2018
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:	(Estimated) 31.7 hours (Total, all aircraft), 28.7 hours (Total, this make and model), 0.5 hours (Pilot In Command, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Aeronca	Registration:	N34459
Model/Series:	65 LB NO SERIES	Aircraft Category:	Airplane
Year of Manufacture:	1941	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	L14741
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:	November 15, 2017 Annual	Certified Max Gross Wt.:	1250 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	2187 Hrs	Engine Manufacturer:	Continental
ELT:	Not installed	Engine Model/Series:	A65-8
Registered Owner:		Rated Power:	65 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:	K46D, 1608 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	12:35 Local	Direction from Accident Site:	137°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	3 knots /	Turbulence Type Forecast/Actual:	/ None
Wind Direction:	170°	Turbulence Severity Forecast/Actual:	/ N/A
Altimeter Setting:	30.2 inches Hg	Temperature/Dew Point:	1°C / -1°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Carrington, ND (46D)	Type of Flight Plan Filed:	None
Destination:	Carrington, ND (46D)	Type of Clearance:	None
Departure Time:	06:40 Local	Type of Airspace:	Class G

Airport Information

Airport:	CARRINGTON MUNI 46D	Runway Surface Type:	Asphalt
Airport Elevation:	1606 ft msl	Runway Surface Condition:	Dry
Runway Used:	13	IFR Approach:	None
Runway Length/Width:	4198 ft / 75 ft	VFR Approach/Landing:	Full stop;Touch and go;Traffic pattern

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:	47.453334,-99.154167(est)

Administrative Information

Investigator In Charge (IIC):	Swenson, Eric
Additional Participating Persons:	Jeff Vigdal; FAA; Fargo, ND
Original Publish Date:	August 27, 2018
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=97137

The National Transportation Safety Board (NTSB), established in 1967, is an independent federal agency mandated by Congress through the Independent Safety Board Act of 1974 to investigate transportation accidents, determine the probable causes of the accidents, issue safety recommendations, study transportation safety issues, and evaluate the safety effectiveness of government agencies involved in transportation. The NTSB makes public its actions and decisions through accident reports, safety studies, special investigation reports, safety recommendations, and statistical reviews.

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