



# National Transportation Safety Board Aviation Accident Final Report

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<b>Location:</b>	Fairbanks, AK	<b>Accident Number:</b>	GAA19CA501
<b>Date &amp; Time:</b>	08/18/2019, 1945 AKD	<b>Registration:</b>	N87010
<b>Aircraft:</b>	Champion 7GCBC	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>	Nose over/nose down	<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

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## Analysis

According to a Federal Aviation Administration (FAA) inspector, the pilot of the tailwheel-equipped airplane reported that, during the landing roll on unimproved terrain, he applied the brakes too hard, and the airplane nosed over.

The airplane sustained substantial damage to the right-wing lift struts and rudder.

The FAA inspector added that 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 pilot's overapplication of brakes during landing on unimproved terrain, which resulted in a nose-over.

## Findings

Aircraft	Brake - Incorrect use/operation (Cause)
Personnel issues	Aircraft control - Pilot (Cause)
Environmental issues	Terrain - Effect on operation (Cause)

## Factual Information

### History of Flight

Landing-landing roll	Miscellaneous/other Nose over/nose down (Defining event)
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### Pilot Information

Certificate:	Private	Age:	51, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Unknown
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 With Waivers/Limitations	Last FAA Medical Exam:	08/01/1991
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:	(Estimated) 1731 hours (Total, all aircraft), 860 hours (Total, this make and model), 12 hours (Last 90 days, all aircraft)		

### Aircraft and Owner/Operator Information

Aircraft Make:	Champion	Registration:	N87010
Model/Series:	7GCBC No Series	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Aerobatic; Normal	Serial Number:	701-74
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:	Unknown	Certified Max Gross Wt.:	
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:		Engine Manufacturer:	Lycoming
ELT:		Engine Model/Series:	O-320
Registered Owner:	Hutchinson, Richard	Rated Power:	
Operator:	On file	Operating Certificate(s) Held:	None

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	PANN, 362 ft msl	Distance from Accident Site:	30 Nautical Miles
Observation Time:	0353 UTC	Direction from Accident Site:	303°
Lowest Cloud Condition:		Visibility	10 Miles
Lowest Ceiling:	Broken / 6500 ft agl	Visibility (RVR):	
Wind Speed/Gusts:	Calm /	Turbulence Type Forecast/Actual:	None / None
Wind Direction:		Turbulence Severity Forecast/Actual:	N/A / N/A
Altimeter Setting:	30.22 inches Hg	Temperature/Dew Point:	16° C / 2° C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:		Type of Flight Plan Filed:	Unknown
Destination:		Type of Clearance:	Unknown
Departure Time:		Type of Airspace:	Class G

## Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 None	Latitude, Longitude:	64.280000, -148.110000 (est)

## Administrative Information

Investigator In Charge (IIC):	Eleazar Nepomuceno	Report Date:	02/11/2020
Additional Participating Persons:	Wiliam Mallula; FAA; Fairbanks, AK		
Publish Date:	02/11/2020		
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	<a href="http://dms.ntsb.gov/pubdms/search/dockList.cfm?mKey=100103">http://dms.ntsb.gov/pubdms/search/dockList.cfm?mKey=100103</a>		

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.

The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report. A factual report that may be admissible under 49 U.S.C. § 1154(b) is available [here](#).