



# Aviation Investigation Final Report

<b>Location:</b>	Aniak, Alaska	<b>Accident Number:</b>	ANC12CA004
<b>Date &amp; Time:</b>	October 21, 2011, 18:35 Local	<b>Registration:</b>	N11668
<b>Aircraft:</b>	Bellanca 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		

## Analysis

The pilot was landing at an off-airport site in a tailwheel-equipped airplane. He said he applied excessive brake pressure during landing, and the airplane nosed over, sustaining substantial damage to the wings and fuselage. The brakes had recently been replaced with larger brakes, and he said he should have practiced more after the new brakes were installed prior to landing.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's excessive use of brakes during landing.

## Findings

<b>Personnel issues</b>	Use of equip/system - Pilot
<b>Aircraft</b>	Brake - Incorrect use/operation

## Factual Information

### History of Flight

<b>Landing-landing roll</b>	Nose over/nose down (Defining event)
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### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	25, Male
<b>Airplane Rating(s):</b>	Single-engine land; Single-engine sea	<b>Seat Occupied:</b>	Front
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 2 Without waivers/limitations	<b>Last FAA Medical Exam:</b>	July 25, 2011
<b>Occupational Pilot:</b>	No	<b>Last Flight Review or Equivalent:</b>	August 10, 2011
<b>Flight Time:</b>	1400 hours (Total, all aircraft), 800 hours (Total, this make and model), 1350 hours (Pilot In Command, all aircraft), 60 hours (Last 90 days, all aircraft), 25 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Bellanca	<b>Registration:</b>	N11668
<b>Model/Series:</b>	7GCBC	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	349-72
<b>Landing Gear Type:</b>	Tailwheel	<b>Seats:</b>	2
<b>Date/Type of Last Inspection:</b>	Annual	<b>Certified Max Gross Wt.:</b>	1650 lbs
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>		<b>Engine Manufacturer:</b>	LYCOMING
<b>ELT:</b>	Installed, not activated	<b>Engine Model/Series:</b>	O-320 SERIES
<b>Registered Owner:</b>	CUMMINGS JIM	<b>Rated Power:</b>	150 Horsepower
<b>Operator:</b>	Arthur Cummings	<b>Operating Certificate(s) Held:</b>	None

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual (VMC)	<b>Condition of Light:</b>	Dusk
<b>Observation Facility, Elevation:</b>		<b>Distance from Accident Site:</b>	
<b>Observation Time:</b>		<b>Direction from Accident Site:</b>	
<b>Lowest Cloud Condition:</b>	Clear	<b>Visibility</b>	10 miles
<b>Lowest Ceiling:</b>	None	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	/	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>		<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>		<b>Temperature/Dew Point:</b>	-1°C
<b>Precipitation and Obscuration:</b>			
<b>Departure Point:</b>	Aniak, AK (PANI)	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>	Aniak, AK	<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	18:00 Local	<b>Type of Airspace:</b>	

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>		<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	1 None	<b>Latitude, Longitude:</b>	61.186943,-159.121673

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Lewis, Lawrence
<b>Additional Participating Persons:</b>	Robert D Shafer; FAA FSDO-03; Anchorage, AK
<b>Original Publish Date:</b>	December 27, 2011
<b>Last Revision Date:</b>	
<b>Investigation Class:</b>	<a href="#">Class</a>
<b>Note:</b>	This accident report documents the factual circumstances of this accident as described to the NTSB.
<b>Investigation Docket:</b>	<a href="https://data.nts.gov/Docket?ProjectID=82151">https://data.nts.gov/Docket?ProjectID=82151</a>

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