Aviation Investigation Final Report

Location:	Anchorage, Alaska	**Accident Number:**	ANC08CA056
Date & Time:	April 23, 2008, 21:30 Local	**Registration:**	N1452H
Aircraft:	Aeronca 15AC	**Aircraft Damage:**	Substantial
Defining Event:	Nose over/nose down	**Injuries:**	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot of a tundra tire-equipped airplane related that after landing on a dry paved runway, he added engine power to expedite his taxi to the next taxiway intersection. As the airplane approached the intersection, the pilot applied heavy braking action while turning to the left, and the airplane nosed over. The pilot reported in his written statement to the NTSB that the airplane was equipped with double puck wheel brakes and 29-inch tundra tires, and he noted that excessive use of the brakes would cause the airplane to nose over. The airplane sustained substantial damage to the wings and vertical stabilizer. The pilot reported there were no preaccident mechanical problems with the airplane.

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 the landing roll. A factor was an excessive taxispeed.

Findings

Environmental issues	Runway/landing area condition - Not specified
Aircraft	Brake - Incorrect use/operation
Aircraft	Surface speed/braking - Not specified

Factual Information

History of Flight

Landing-landing roll	Nose over/nose down (Defining event)

Pilot Information

Certificate:	Private	**Age:**	44,Male
Airplane Rating(s):	Single-engine land	**Seat Occupied:**	Left
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 Without waivers/limitations	**Last FAA Medical Exam:**	August 1, 2007
Occupational Pilot:	No	**Last Flight Review or Equivalent:**	April 1, 2008
Flight Time:	74 hours (Total, all aircraft), 24 hours (Total, this make and model), 46 hours (Pilot In Command, all aircraft), 24 hours (Last 90 days, all aircraft), 22 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Aeronca	**Registration:**	N1452H
Model/Series:	15AC	**Aircraft Category:**	Airplane
Year of Manufacture:		**Amateur Built:**	
Airworthiness Certificate:	Normal	**Serial Number:**	521
Landing Gear Type:	Tailwheel	**Seats:**	4
Date/Type of Last Inspection:	August 1, 2007 Annual	**Certified Max Gross Wt.:**	2050 lbs
Time Since Last Inspection:	29 Hrs	**Engines:**	1 Reciprocating
Airframe Total Time:	1644 Hrs at time of accident	**Engine Manufacturer:**	Continental
ELT:	Installed, not activated	**Engine Model/Series:**	O-300B
Registered Owner:	Wolfgang E. Junge	**Rated Power:**	145 Horsepower
Operator:	Wolfgang Junge	**Operating Certificate(s) Held:**	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	**Condition of Light:**	Day
Observation Facility, Elevation:	MRI,137 ft msl	**Distance from Accident Site:**	
Observation Time:	21:30 Local	**Direction from Accident Site:**	
Lowest Cloud Condition:	Clear	**Visibility**	10 miles
Lowest Ceiling:	None	**Visibility (RVR):**	
Wind Speed/Gusts:	/	**Turbulence Type Forecast/Actual:**	/
Wind Direction:		**Turbulence Severity Forecast/Actual:**	/
Altimeter Setting:	30.01 inches Hg	**Temperature/Dew Point:**	7°C / -3°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Anchorage , AK (MRI)	**Type of Flight Plan Filed:**	VFR
Destination:	Anchorage , AK (MRI)	**Type of Clearance:**	None
Departure Time:	20:00 Local	**Type of Airspace:**	

Airport Information

Airport:	Merrill Field MRI	**Runway Surface Type:**	Asphalt
Airport Elevation:		**Runway Surface Condition:**	Dry
Runway Used:	25	**IFR Approach:**	None
Runway Length/Width:	4000 ft / 1000 ft	**VFR Approach/Landing:**	

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:**	61.2,-149.833328

Administrative Information

Investigator In Charge (IIC):	Johnson, Clinton
Additional Participating Persons:	Charles D King; Anchorage FSDO
Original Publish Date:	July 30, 2008
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.ntsb.gov/Docket?ProjectID=67884