



# Aviation Investigation Final Report

<b>Location:</b>	Kenai, Alaska	<b>Accident Number:</b>	ANC21LA039
<b>Date &amp; Time:</b>	May 12, 2021, 13:15 Local	<b>Registration:</b>	N92793
<b>Aircraft:</b>	Piper PA-12	<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

According to the pilot, the airplane bounced during the initial touchdown and then it veered slightly to the right of the gravel-covered runway. To correct for the veer, the pilot applied left rudder and braking, but the airplane subsequently nosed over, sustaining substantial damage to the fuselage, empennage, and left wing. The pilot reported that there were no preaccident mechanical malfunctions or failures with the airplane that would have precluded normal operation. In addition, the pilot noted that he inadvertently applied aggressive braking action, which resulted in the nose over.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

The pilot's excessive application of the airplane's wheel brakes while landing, which resulted in a nose over.

### Findings

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



## Factual Information

### History of Flight

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

<b>Certificate:</b>	Private	<b>Age:</b>	64, Male
<b>Airplane Rating(s):</b>	Single-engine land	<b>Seat Occupied:</b>	Front
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	3-point
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	
<b>Medical Certification:</b>	Class 3 None	<b>Last FAA Medical Exam:</b>	April 26, 2001
<b>Occupational Pilot:</b>	No	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	658 hours (Total, all aircraft), 50 hours (Total, this make and model), 610 hours (Pilot In Command, all aircraft), 3 hours (Last 90 days, all aircraft), 3 hours (Last 30 days, all aircraft), 3 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Piper	<b>Registration:</b>	N92793
<b>Model/Series:</b>	PA-12	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>	1946	<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	12-239
<b>Landing Gear Type:</b>	Tailwheel	<b>Seats:</b>	3
<b>Date/Type of Last Inspection:</b>	February 4, 2021 Annual	<b>Certified Max Gross Wt.:</b>	
<b>Time Since Last Inspection:</b>	3 Hrs	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	6264 Hrs as of last inspection	<b>Engine Manufacturer:</b>	LYCOMING
<b>ELT:</b>	Installed, not activated	<b>Engine Model/Series:</b>	0-320 SERIES
<b>Registered Owner:</b>	HEAZLETT JAMES RICHARD	<b>Rated Power:</b>	180 Horsepower
<b>Operator:</b>	On file	<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>	Day
<b>Observation Facility, Elevation:</b>	ENA,100 ft msl	<b>Distance from Accident Site:</b>	0 Nautical Miles
<b>Observation Time:</b>	12:53 Local	<b>Direction from Accident Site:</b>	
<b>Lowest Cloud Condition:</b>	Scattered / 2500 ft AGL	<b>Visibility</b>	10 miles
<b>Lowest Ceiling:</b>	Broken / 8000 ft AGL	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	/	<b>Turbulence Type Forecast/Actual:</b>	None / None
<b>Wind Direction:</b>		<b>Turbulence Severity Forecast/Actual:</b>	N/A / N/A
<b>Altimeter Setting:</b>	30.16 inches Hg	<b>Temperature/Dew Point:</b>	9°C / 4°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	Nikiski , AK (AK73)	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>	Kenai, AK	<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	12:55 Local	<b>Type of Airspace:</b>	

## Airport Information

<b>Airport:</b>	Kenai Municipal Airport ENA	<b>Runway Surface Type:</b>	Gravel
<b>Airport Elevation:</b>	100 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	20L	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	1980 ft / 75 ft	<b>VFR Approach/Landing:</b>	Full stop

## 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>		<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	1 None	<b>Latitude, Longitude:</b>	60.568912,-151.24439

## Administrative Information

**Investigator In Charge (IIC):** Johnson, Clinton

**Additional Participating Persons:**

**Original Publish Date:** October 20, 2021

**Last Revision Date:**

**Investigation Class:** [Class 4](#)

**Note:** The NTSB did not travel to the scene of this accident.

**Investigation Docket:** <https://data.ntsb.gov/Docket?ProjectID=103092>

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