



# Aviation Investigation Final Report

<b>Location:</b>	Old Minto, Alaska	<b>Accident Number:</b>	ANC12CA020
<b>Date &amp; Time:</b>	January 26, 2012, 12:00 Local	<b>Registration:</b>	N713C
<b>Aircraft:</b>	Helio H-295	<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 - Positioning		

## Analysis

The pilot was landing the ski-equipped airplane on a snow-covered lake when the left ski encountered a snow drift, and the airplane nosed over, resulting in substantial damage to the left wing and vertical stabilizer. The pilot reported no preaccident mechanical anomalies 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 decision to land on unsuitable terrain, which resulted in the airplane nosing over.

## Findings

<b>Personnel issues</b>	Decision making/judgment - Pilot
<b>Environmental issues</b>	Snow/slush/ice covered surface - Contributed to outcome

## Factual Information

### History of Flight

<b>Landing-landing roll</b>	Collision with terr/obj (non-CFIT)
<b>Landing-landing roll</b>	Nose over/nose down (Defining event)

### Pilot Information

<b>Certificate:</b>	Airline transport; Flight engineer; Flight instructor	<b>Age:</b>	40, Male
<b>Airplane Rating(s):</b>	Single-engine land; Multi-engine land	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	
<b>Instrument Rating(s):</b>	Airplane	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	Airplane single-engine	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 1 Without waivers/limitations	<b>Last FAA Medical Exam:</b>	December 1, 2011
<b>Occupational Pilot:</b>	Yes	<b>Last Flight Review or Equivalent:</b>	May 3, 2011
<b>Flight Time:</b>	14300 hours (Total, all aircraft), 5000 hours (Total, this make and model), 38 hours (Last 90 days, all aircraft), 5 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Helio	<b>Registration:</b>	N713C
<b>Model/Series:</b>	H-295	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	1438
<b>Landing Gear Type:</b>		<b>Seats:</b>	6
<b>Date/Type of Last Inspection:</b>	September 20, 2011 100 hour	<b>Certified Max Gross Wt.:</b>	
<b>Time Since Last Inspection:</b>	58 Hrs	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	7310 Hrs as of last inspection	<b>Engine Manufacturer:</b>	LYCOMING
<b>ELT:</b>	C126 installed, activated, aided in locating accident	<b>Engine Model/Series:</b>	GO-480 SERIES
<b>Registered Owner:</b>	BURSIEL EQUIPMENT INC	<b>Rated Power:</b>	295 Horsepower
<b>Operator:</b>	Wright Air Service	<b>Operating Certificate(s) Held:</b>	On-demand air taxi (135)

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual (VMC)	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>	PANN	<b>Distance from Accident Site:</b>	20 Nautical Miles
<b>Observation Time:</b>	11:53 Local	<b>Direction from Accident Site:</b>	140°
<b>Lowest Cloud Condition:</b>	Clear	<b>Visibility</b>	10 miles
<b>Lowest Ceiling:</b>		<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>	29.8 inches Hg	<b>Temperature/Dew Point:</b>	-31°C / -35°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	Old Minto, AK	<b>Type of Flight Plan Filed:</b>	VFR
<b>Destination:</b>	Fairbanks, AK (PAFA)	<b>Type of Clearance:</b>	None
<b>Departure Time:</b>		<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>	
<b>Total Injuries:</b>	1 None	<b>Latitude, Longitude:</b>	60.209575,-162.030181(est)

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Shaver, Christopher
<b>Additional Participating Persons:</b>	FAA Fairbanks FSDO; Fairbanks, AK
<b>Original Publish Date:</b>	May 15, 2012
<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=82756">https://data.nts.gov/Docket?ProjectID=82756</a>

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