



Aviation Investigation Final Report

Location:	Prospect Creek, Alaska	Accident Number:	ANC14CA082
Date & Time:	September 15, 2014, 18:15 Local	Registration:	N50718
Aircraft:	Helio H 295	Aircraft Damage:	Substantial
Defining Event:	Loss of control in flight	Injuries:	1 Minor
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot reported he was departing from the ramp area at the airport due to wind direction. Shortly after becoming airborne in the tailwheel-equipped airplane, a gust of wind pushed the right wing down and the aircraft momentarily flew inverted, turned 90-degrees, and then impacted terrain. The airplane sustained substantial damage to the left and right wings and fuselage. The pilot reported that there were no preaccident mechanical anomalies 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 loss of directional control during takeoff, in gusty and variable wind conditions, resulting in a collision with terrain.

Findings

Personnel issues	Decision making/judgment - Pilot
Environmental issues	Sudden wind shift - Contributed to outcome

Factual Information

History of Flight

Takeoff	Loss of control in flight (Defining event)
Uncontrolled descent	Collision with terr/obj (non-CFIT)

Pilot Information

Certificate:	Commercial	Age:	51
Airplane Rating(s):	Single-engine land; Single-engine sea; Multi-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	3-point
Instrument Rating(s):	Airplane	Second Pilot Present:	
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 2 With waivers/limitations	Last FAA Medical Exam:	March 7, 2014
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	June 25, 2014
Flight Time:	14800 hours (Total, all aircraft), 2450 hours (Total, this make and model), 170 hours (Last 90 days, all aircraft), 45 hours (Last 30 days, all aircraft), 3 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Helio	Registration:	N50718
Model/Series:	H 295 NO SERIES	Aircraft Category:	Airplane
Year of Manufacture:	1967	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	1268
Landing Gear Type:	Tailwheel	Seats:	4
Date/Type of Last Inspection:	July 18, 2014 100 hour	Certified Max Gross Wt.:	3800 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	4600 Hrs at time of accident	Engine Manufacturer:	LYCOMING
ELT:	C91A installed, not activated	Engine Model/Series:	GO-480 SERIES
Registered Owner:	JESPERSEN AIRCRAFT SERVICES INC	Rated Power:	295 Horsepower
Operator:	JESPERSEN AIRCRAFT SERVICES INC	Operating Certificate(s) Held:	On-demand air taxi (135)

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	PABT,643 ft msl	Distance from Accident Site:	23 Nautical Miles
Observation Time:	01:53 Local	Direction from Accident Site:	224°
Lowest Cloud Condition:	Few / 3100 ft AGL	Visibility	10 miles
Lowest Ceiling:	Broken / 4700 ft AGL	Visibility (RVR):	
Wind Speed/Gusts:	/	Turbulence Type Forecast/Actual:	/ Terrain-Induced
Wind Direction:		Turbulence Severity Forecast/Actual:	/ Light
Altimeter Setting:	29.52 inches Hg	Temperature/Dew Point:	17°C / 9°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Prospect Creek, AK (PPC)	Type of Flight Plan Filed:	Company VFR
Destination:	BETTLES, AK (BTT)	Type of Clearance:	None
Departure Time:		Type of Airspace:	Class G

Airport Information

Airport:	PROSPECT CREEK PPC	Runway Surface Type:	Gravel
Airport Elevation:	1095 ft msl	Runway Surface Condition:	Dry
Runway Used:	01	IFR Approach:	None
Runway Length/Width:	4968 ft / 150 ft	VFR Approach/Landing:	None

Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Substantial
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 Minor	Latitude, Longitude:	66.813331,-150.643051(est)

Administrative Information

Investigator In Charge (IIC): Swick, Andrew

Additional Participating Persons:

Original Publish Date: January 22, 2015

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.nts.gov/Docket?ProjectID=90082>

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