



# National Transportation Safety Board Aviation Accident Data Summary

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<b>Location:</b>	Anaktuvuk Pass, AK	<b>Accident Number:</b>	ANC06LA109
<b>Date &amp; Time:</b>	08/01/2006, 1730 AKD	<b>Registration:</b>	N4040W
<b>Aircraft:</b>	de Havilland DHC-2 MK.1	<b>Injuries:</b>	6 None
<b>Flight Conducted Under:</b>	Part 135: Air Taxi & Commuter - Non-scheduled		

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## Analysis

The airline transport certificated pilot was transporting passengers from a remote lake in a float-equipped airplane under Title 14, CFR Part 135. He said that during takeoff he passed his predetermined point to abort the takeoff without becoming airborne, and felt that he had to proceed with the takeoff or hit the shoreline. The pilot said that he was able to become airborne, but struck the shore of the lake with the airplane's floats just after liftoff. He stated that he was concerned about damage to the floats from the impact with the shore, and elected to land on a hard surface runway at the destination airport. The float structure collapsed during landing, resulting in substantial damage to the fuselage. There were no known mechanical anomalies with the airplane prior to the accident.

## Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's failure to abort the takeoff at his predetermined reference point, which resulted in a collision with the shore during takeoff-initial climb, and structural damage to the airplane.

## Findings

Occurrence #1: IN FLIGHT COLLISION WITH TERRAIN/WATER

Phase of Operation: TAKEOFF - INITIAL CLIMB

### Findings

1. TERRAIN CONDITION - DIRT BANK/RISING EMBANKMENT
2. (C) ABORTED TAKEOFF - NOT PERFORMED - PILOT IN COMMAND

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Occurrence #2: GEAR COLLAPSED

Phase of Operation: LANDING - FLARE/TOUCHDOWN

## Pilot Information

<b>Certificate:</b>	Airline Transport; Flight Instructor	<b>Age:</b>	62
<b>Airplane Rating(s):</b>	Multi-engine Land; Multi-engine Sea; Single-engine Land; Single-engine Sea	<b>Instrument Rating(s):</b>	Airplane
<b>Other Aircraft Rating(s):</b>	None	<b>Instructor Rating(s):</b>	Airplane Single-engine
<b>Flight Time:</b>	16631 hours (Total, all aircraft), 422 hours (Total, this make and model), 8610 hours (Pilot In Command, all aircraft), 99 hours (Last 90 days, all aircraft), 97 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Manufacturer:</b>	de Havilland	<b>Registration:</b>	N4040W
<b>Model/Series:</b>	DHC-2 MK. 1	<b>Engines:</b>	1 Reciprocating
<b>Operator:</b>	BROOKS RANGE AVIATION INC	<b>Engine Manufacturer:</b>	Pratt & Whitney Canada
<b>Air Carrier Operating Certificate:</b>	On-demand Air Taxi (135)	<b>Engine Model/Series:</b>	R-985-14G
<b>Flight Conducted Under:</b>	Part 135: Air Taxi & Commuter - Non-scheduled		

## Meteorological Information and Flight Plan

<b>Observation Facility, Elevation:</b>		<b>Weather Information Source:</b>	Pilot
<b>Conditions at Accident Site:</b>	Visual Conditions	<b>Lowest Ceiling:</b>	None
<b>Condition of Light:</b>	Day	<b>Wind Speed/Gusts, Direction:</b>	Light and Variable, Variable
<b>Temperature:</b>	16° C	<b>Visibility</b>	10 Miles
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	Anaktuvuk Pass, AK	<b>Destination:</b>	Bettles, AK (PABT)

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	5 None	<b>Aircraft Fire:</b>	
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Lawrence R Lewis	<b>Adopted Date:</b>	02/26/2007
<b>Investigation Docket:</b>	NTSB accident and incident dockets serve as permanent archival information for the NTSB's investigations. Dockets released prior to June 1, 2009 are publicly available from the NTSB's Record Management Division at <a href="mailto:pubinq@ntsb.gov">pubinq@ntsb.gov</a> , or at 800-877-6799. Dockets released after this date are available at <a href="http://dms.nts.gov/pubdms/">http://dms.nts.gov/pubdms/</a> .		

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