



National Transportation Safety Board Aviation Accident Data Summary

Location:	Koliganek, AK	Accident Number:	ANC09CA091
Date & Time:	09/02/2009, 1330 AKD	Registration:	N6468V
Aircraft:	HELIO H-295	Injuries:	3 None
Flight Conducted Under:	Part 91: General Aviation - Other Work Use		

Analysis

The commercial pilot was on a Title 14, CFR Part 91, passenger flight in conjunction with his fish guiding business when the accident occurred. The pilot reported that he was flying about 700 feet above ground level in his float-equipped, single-engine airplane, when he began transferring fuel from the auxiliary fuel tank to the main fuel tank, and the engine lost power. After a failed attempt to restart the engine, he said he was forced to land the airplane on the tundra. The pilot said there were no known mechanical problems with the airplane prior to the accident. He further reported that it had been raining for several days, and he should have sumped the fuel tanks prior to takeoff. He also stated that he should have initiated the fuel transfer at a higher altitude over terrain that was suitable for landing. He said the float attachments and the fuselage were damaged during the accident.

Flight Events

Enroute-cruise - Fuel contamination
Enroute-cruise - Loss of engine power (total)
Emergency descent - Collision with terr/obj (non-CFIT)

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: A loss of engine power during cruise flight due to water in the fuel, and the pilot's inadequate preflight inspection.

Findings

Aircraft-Fluids/misc hardware-Fluids-Fuel-Inadequate inspection - C
Aircraft-Fluids/misc hardware-Fluids-Fuel-Fluid condition - C
Personnel issues-Task performance-Inspection-Preflight inspection-Pilot - C

Pilot Information

Certificate:	Commercial	Age:	65
Airplane Rating(s):	Multi-engine Land; Multi-engine Sea; Single-engine Land; Single-engine Sea	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	16318 hours (Total, all aircraft), 1661 hours (Total, this make and model), 16243 hours (Pilot In Command, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	HELIO	Registration:	N6468V
Model/Series:	H-295	Engines:	1 Reciprocating
Operator:	Kirk Gay	Engine Manufacturer:	LYCOMING
Air Carrier Operating Certificate:	None	Engine Model/Series:	GO-480 SERIES
Flight Conducted Under:	Part 91: General Aviation - Other Work Use		

Meteorological Information and Flight Plan

Observation Facility, Elevation:		Weather Information Source:	Pilot
Conditions at Accident Site:	Visual Conditions	Lowest Ceiling:	Broken / 1200 ft agl
Condition of Light:	Day	Wind Speed/Gusts, Direction:	10 knots/ 15 knots, 90°
Temperature:	13° C	Visibility	5 Miles
Precipitation and Obscuration:			
Departure Point:	Nondalton, AK (NDN)	Destination:	Nushagak, AK

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	2 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None

Administrative Information

Investigator In Charge (IIC):	Lawrence Lewis	Adopted Date:	12/29/2009
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=74650		

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