



Aviation Investigation Final Report

Location:	Sleetmute, Alaska	Accident Number:	ANC13CA080
Date & Time:	August 15, 2013, 11:30 Local	Registration:	N2141F
Aircraft:	Cessna U206	Aircraft Damage:	Substantial
Defining Event:	Fuel starvation	Injuries:	1 Minor
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot reported that during a postmaintenance flight, while remaining in the airport traffic pattern, the engine lost all power. The pilot selected an area of tree-covered terrain as a forced landing site, resulting in substantial damage to the wings and fuselage. He stated that the reason for the loss of engine power was due to fuel starvation, and that he did not verify the position of the fuel selector valve before the flight.

He added that when the airplane recently underwent maintenance, the fuel selector valve handle was positioned to the right fuel tank, which had a slight amount of fuel remaining. The pilot said that he routinely used the left fuel tank, which contained sufficient fuel for the flight.

The pilot reported no preaccident mechanical malfunctions or failures 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 total loss of engine power due to fuel starvation and the pilot's inadequate preflight inspection.

Findings

Personnel issues	Preflight inspection - Pilot
Aircraft	Fuel selector/shutoff valve - Inadequate inspection
Aircraft	Fuel - Fluid management

Factual Information

History of Flight

Approach-VFR pattern downwind	Loss of engine power (total)
Approach-VFR pattern downwind	Fuel starvation (Defining event)
Emergency descent	Collision with terr/obj (non-CFIT)

Pilot Information

Certificate:	Private	Age:	64
Airplane Rating(s):	Single-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 With waivers/limitations	Last FAA Medical Exam:	February 13, 2012
Occupational Pilot:	No	Last Flight Review or Equivalent:	January 4, 2013
Flight Time:	6413 hours (Total, all aircraft), 5893 hours (Total, this make and model), 6387 hours (Pilot In Command, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N2141F
Model/Series:	U206	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	U206-0341
Landing Gear Type:	Tricycle	Seats:	6
Date/Type of Last Inspection:	April 22, 2013 Annual	Certified Max Gross Wt.:	2600 lbs
Time Since Last Inspection:	70 Hrs	Engines:	1 Reciprocating
Airframe Total Time:	8737 Hrs as of last inspection	Engine Manufacturer:	CONT MOTOR
ELT:	Installed, not activated	Engine Model/Series:	IO 520 SERIES
Registered Owner:	HILL HENRY M	Rated Power:	285 Horsepower
Operator:	HILL HENRY M	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:		Distance from Accident Site:	
Observation Time:		Direction from Accident Site:	
Lowest Cloud Condition:	Few / 1000 ft AGL	Visibility	10 miles
Lowest Ceiling:	Overcast / 6000 ft AGL	Visibility (RVR):	
Wind Speed/Gusts:	4 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	130°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29.85 inches Hg	Temperature/Dew Point:	13°C / 11°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Sleetmute, AK (PASL)	Type of Flight Plan Filed:	None
Destination:	Sleetmute, AK (PASL)	Type of Clearance:	None
Departure Time:		Type of Airspace:	

Airport Information

Airport:	Sleetmute Airport PASL	Runway Surface Type:	
Airport Elevation:	190 ft msl	Runway Surface Condition:	
Runway Used:		IFR Approach:	None
Runway Length/Width:		VFR Approach/Landing:	Forced landing

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:	61.700279,-157.165832(est)

Administrative Information

Investigator In Charge (IIC):	Cawthra, Joshua
Additional Participating Persons:	Jack Devlin; Federal Aviation Administration; Anchorage, AK
Original Publish Date:	December 2, 2013
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=87798

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