



National Transportation Safety Board Aviation Accident Factual Report

Location:	Fairbanks, AK	Accident Number:	ANC01LA063
Date & Time:	06/01/2001, 1700 AKD	Registration:	N9311T
Aircraft:	Cessna 180	Aircraft Damage:	Substantial
Defining Event:		Injuries:	4 None

Flight Conducted Under: Part 91: General Aviation - Personal

On June 1, 2001, about 1700 Alaska daylight time, a float-equipped Cessna 180 airplane, N9311T, sustained substantial damage during a forced landing about 20 miles west of Fairbanks, Alaska. The airplane was being operated as a visual flight rules (VFR) personal flight under Title 14, CFR Part 91, when the accident occurred. The certificated commercial pilot, and the three passengers aboard, were not injured. Visual meteorological conditions prevailed, and no flight plan was filed. The flight originated about 1630, from a remote lake located about 15 miles north of Nenana, Alaska, and was en route to Fairbanks.

During a telephone conversation with the National Transportation Safety Board (NTSB) investigator-in-charge on June 1, the pilot reported that while in level, cruise flight, the engine began to run rough, and lose power. He said that after performing emergency procedures, he was able to restore partial engine power momentarily, followed by a complete loss of engine power. The airplane collided with trees during a subsequent forced landing, and sustained substantial damage to the fuselage, wings, and empennage.

A Federal Aviation Administration (FAA) airworthiness inspector from the Fairbanks Flight Standards District Office, traveled to the accident scene on June 4, and examined the airplane. The inspector reported the airplane's fuel system, including both wing fuel tanks, were intact and were not breached. He reported that both fuel tanks were empty, and added that the total amount drained from the airplane's gascolator was about 5 ounces. Examination of the fuel from the gascolator revealed it was clean and bright, and did not contain any visible contaminants.

In the Pilot/Operator report (NTSB form 6120.1/2) filed by the pilot on June 16, he reported that the fuel gauges installed in his airplane would consistently provide an inaccurate fuel quantity reading. He added that prior to departure, he visually checked the quantity of fuel in the wing fuel tanks by using a fuel measuring device. He wrote, in part: "This procedure indicated that I had 18 gallons of 100LL, in retrospect this reading may have been in error due to the unknown attitude of the aircraft, as the act of getting out on the wing may have tipped

the wing in that direction or attitude of the floatplane in the water caused the indication of more fuel than there actually was."

Pilot Information

Certificate:	Commercial	Age:	55, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land; Single-engine Sea	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	Airplane Single-engine	Toxicology Performed:	No
Medical Certification:	Class 3 Valid Medical--w/ waivers/lim.	Last FAA Medical Exam:	05/23/2001
Occupational Pilot:		Last Flight Review or Equivalent:	06/28/1999
Flight Time:	1920 hours (Total, all aircraft), 1411 hours (Total, this make and model), 1846 hours (Pilot In Command, all aircraft), 11 hours (Last 90 days, all aircraft), 11 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N9311T
Model/Series:	180	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	5081
Landing Gear Type:	Float	Seats:	4
Date/Type of Last Inspection:	05/01/2001, Annual	Certified Max Gross Wt.:	2820 lbs
Time Since Last Inspection:	10.5 Hours	Engines:	1 Reciprocating
Airframe Total Time:	5349.1 Hours at time of accident	Engine Manufacturer:	Continental
ELT:	Installed, activated, aided in locating accident	Engine Model/Series:	O-470-L
Registered Owner:	Donald D. Kirk	Rated Power:	230 hp
Operator:	Donald D. Kirk	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:		Distance from Accident Site:	
Observation Time:		Direction from Accident Site:	
Lowest Cloud Condition:	Scattered / 10000 ft agl	Visibility	100 Miles
Lowest Ceiling:		Visibility (RVR):	
Wind Speed/Gusts:	8 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	240°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	18° C
Precipitation and Obscuration:			
Departure Point:	Nenana, AK (ENN)	Type of Flight Plan Filed:	None
Destination:	Fairbanks, AK (AK28)	Type of Clearance:	None
Departure Time:	1630 ADT	Type of Airspace:	Class E

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	3 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	4 None	Latitude, Longitude:	64.783333, -148.551667

Administrative Information

Investigator In Charge (IIC):	Clinton O Johnson
Additional Participating Persons:	Cary J Meier; Federal Aviation Administration; Fairbanks, AK
Investigation Docket:	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 pubinq@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .