



Aviation Investigation Final Report

Location:	Barrow, Alaska	Accident Number:	GAA16CA463
Date & Time:	September 3, 2016, 11:45 Local	Registration:	N9928T
Aircraft:	Cessna 182	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	2 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot reported that during the landing flare on a backcountry airstrip he lost forward visual sight due to a sun glare. The pilot further reported that as he was about to perform a go around, the wheels touched down and the airplane veered off the airstrip to the left. During the runway excursion, the left wheel hit a soft spot and the airplane nosed over, which resulted in substantial damage to the right wing strut and fuselage.

The pilot reported that there were no preimpact mechanical failures or malfunctions with the airframe or engine 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 failure to maintain directional control during the landing roll, which resulted in a runway excursion, a nose over, and substantial damage to the right wing strut and fuselage. Contributing to the accident was the sun glare which inhibited the pilot's forward visual sight.

Findings

Aircraft	Directional control - Not attained/maintained
Personnel issues	Aircraft control - Pilot
Environmental issues	Glare - Effect on personnel
Environmental issues	Soft surface - Contributed to outcome

Factual Information

History of Flight

Landing	Miscellaneous/other
Landing	Abnormal runway contact
Landing	Loss of control on ground (Defining event)
Landing	Runway excursion
Landing	Nose over/nose down

Pilot Information

Certificate:	Private	Age:	42,Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	Airship	Restraint Used:	3-point
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:	June 4, 2013
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:	(Estimated) 211 hours (Total, all aircraft), 123 hours (Total, this make and model), 166 hours (Pilot In Command, all aircraft), 23 hours (Last 90 days, all aircraft), 8 hours (Last 30 days, all aircraft)		

Passenger Information

Certificate:		Age:	
Airplane Rating(s):		Seat Occupied:	Right
Other Aircraft Rating(s):		Restraint Used:	3-point
Instrument Rating(s):		Second Pilot Present:	No
Instructor Rating(s):		Toxicology Performed:	No
Medical Certification:		Last FAA Medical Exam:	
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:			

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N9928T
Model/Series:	182 D	Aircraft Category:	Airplane
Year of Manufacture:	1960	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	18253028
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	August 1, 2015 Annual	Certified Max Gross Wt.:	2700 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	5918.57 Hrs as of last inspection	Engine Manufacturer:	CONT MOTOR
ELT:	C91 installed, not activated	Engine Model/Series:	O-470 SERIES
Registered Owner:		Rated Power:	230 Horsepower
Operator:	On file	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	PATQ,96 ft msl	Distance from Accident Site:	48 Nautical Miles
Observation Time:	18:56 Local	Direction from Accident Site:	269°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	9 knots /	Turbulence Type Forecast/Actual:	/ None
Wind Direction:	290°	Turbulence Severity Forecast/Actual:	/ N/A
Altimeter Setting:	30.23 inches Hg	Temperature/Dew Point:	4°C / 1°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	BARROW, AK (BRW)	Type of Flight Plan Filed:	None
Destination:	Barrow, AK	Type of Clearance:	VFR
Departure Time:		Type of Airspace:	Class G

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	1 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 None	Latitude, Longitude:	70.48944,-155.064163(est)

Administrative Information

Investigator In Charge (IIC):	Benhoff, Kathryn
Additional Participating Persons:	Andrew Noble; FAA; Fairbanks, AK
Original Publish Date:	December 5, 2016
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=93952

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