



Aviation Investigation Final Report

Location:	Page, Arizona	Accident Number:	GAA18CA552
Date & Time:	September 11, 2018, 17:00 Local	Registration:	N5198N
Aircraft:	Cessna 182	Aircraft Damage:	Substantial
Defining Event:	Abnormal runway contact	Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot reported that, shortly after transition to cruise flight, he noticed that the engine was "running rough," the cylinder head temperature was almost in the red, and the engine rpm and manifold pressure were decreasing. He decided to return to the departure airport for a precautionary landing. On approach, he decreased the engine power setting and increased the mixture and propeller settings, and the airplane then crossed the runway threshold about 80 knots with full flaps. The pilot added that, during the landing flare, the airplane "dropped" and then bounced two to three times on the runway. He taxied the airplane off the runway, and it was then was towed back to the ramp.

The airplane sustained substantial damage to the fuselage.

The Federal Aviation Administration inspector reported that there no mechanical failures or malfunctions with the airplane that would have precluded normal operation.

The airport's automated weather observation station reported that, about the time of the accident, the wind was variable at 4 knots. The pilot landed the airplane on runway 33.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

The pilot's improper landing flare, which resulted in a bounced landing.

Findings

Personnel issues	Aircraft control - Pilot
Aircraft	Landing flare - Not attained/maintained

Factual Information

History of Flight

Landing	Abnormal runway contact (Defining event)
Landing	Loss of control on ground

Pilot Information

Certificate:	Private	Age:	69,Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	4-point
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 With waivers/limitations	Last FAA Medical Exam:	April 16, 2018
Occupational Pilot:	No	Last Flight Review or Equivalent:	July 12, 2018
Flight Time:	(Estimated) 796 hours (Total, all aircraft), 497.7 hours (Total, this make and model), 714.3 hours (Pilot In Command, all aircraft), 4.2 hours (Last 90 days, all aircraft), 3 hours (Last 30 days, all aircraft), 3 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N5198N
Model/Series:	182 Q	Aircraft Category:	Airplane
Year of Manufacture:	1980	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	18267566
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	January 13, 2018 Annual	Certified Max Gross Wt.:	2348 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	7138.4 Hrs as of last inspection	Engine Manufacturer:	Continental
ELT:	Installed, not activated	Engine Model/Series:	O-470-U
Registered Owner:		Rated Power:	230
Operator:		Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	KPGA,4310 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	00:53 Local	Direction from Accident Site:	113°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	/	Turbulence Type Forecast/Actual:	None / None
Wind Direction:		Turbulence Severity Forecast/Actual:	N/A / N/A
Altimeter Setting:	29.85 inches Hg	Temperature/Dew Point:	33°C / -4°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Ogden, UT (OGD)	Type of Flight Plan Filed:	VFR
Destination:	Page, AZ (PGA)	Type of Clearance:	VFR
Departure Time:	06:45 Local	Type of Airspace:	Class G

Airport Information

Airport:	Page Muni PGA	Runway Surface Type:	Asphalt
Airport Elevation:	4316 ft msl	Runway Surface Condition:	Dry
Runway Used:	33	IFR Approach:	None
Runway Length/Width:	5950 ft / 150 ft	VFR Approach/Landing:	Precautionary landing;Straight-in

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 None	Latitude, Longitude:	36.926109,-111.448333(est)

Administrative Information

Investigator In Charge (IIC):	Nepomuceno, Eleazar
Additional Participating Persons:	Bruce Thompson; FAA; Las Vegas, NV
Original Publish Date:	September 26, 2019
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=98294

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The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report. A factual report that may be admissible under 49 U.S.C. § 1154(b) is available [here](#).