



Aviation Investigation Final Report

Location:	Page, Arizona	Accident Number:	GAA18CA246
Date & Time:	April 29, 2018, 14:10 Local	Registration:	N7553N
Aircraft:	Cessna 182	Aircraft Damage:	Substantial
Defining Event:	Abnormal runway contact	Injuries:	4 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot reported that, during takeoff, the airplane experienced a "loss of lift." He added that he rejected the takeoff, and while landing back on the runway, the airplane bounced and veered left. The airplane exited the runway and came to rest in a shallow ditch.

The pilot reported that the maximum gross weight of the airplane was 3,100 pounds and that the weight at the time of the accident was 3,055 pounds.

The airplane sustained substantial damage to the left wing.

The pilot reported that there were no preaccident mechanical failures or malfunctions with the airplane that would have precluded normal operation.

The automated weather observation station located on the airport reported that, about 17 minutes before the accident, the wind was from 250° at 10 knots, gusting to 19 knots, visibility 10 statute miles, cloud condition clear, temperature 26°C (79°F), dew point -16°C (3°F), altimeter setting 29.71 inches of mercury. The airplane was departing runway 15. The estimated density altitude was 6,816 ft.

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 a rejected takeoff in gusting quating tailwind conditions.

Findings

Aircraft	Directional control - Not attained/maintained
Personnel issues	Aircraft control - Pilot
Environmental issues	Tailwind - Effect on operation
Environmental issues	Gusts - Effect on operation
Aircraft	Climb capability - Not attained/maintained
Environmental issues	High density altitude - Effect on operation

Factual Information

History of Flight

Takeoff-rejected takeoff	Abnormal runway contact (Defining event)
Landing	Loss of control on ground
Landing	Runway excursion

Pilot Information

Certificate:	Private	Age:	61,Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	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:	September 13, 2016
Occupational Pilot:	No	Last Flight Review or Equivalent:	September 29, 2016
Flight Time:	(Estimated) 211 hours (Total, all aircraft), 96 hours (Total, this make and model), 211 hours (Pilot In Command, all aircraft), 21 hours (Last 90 days, all aircraft), 10 hours (Last 30 days, all aircraft), 3 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N7553N
Model/Series:	182 P	Aircraft Category:	Airplane
Year of Manufacture:	1974	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	18263243
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	July 22, 2017 Annual	Certified Max Gross Wt.:	3100 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	6011.05 Hrs as of last inspection	Engine Manufacturer:	CONT MOTOR
ELT:	C91 installed	Engine Model/Series:	O-470-R
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:	KPGA, 4310 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	20:53 Local	Direction from Accident Site:	158°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	10 knots / 19 knots	Turbulence Type Forecast/Actual:	/ None
Wind Direction:	250°	Turbulence Severity Forecast/Actual:	/ N/A
Altimeter Setting:	29.7 inches Hg	Temperature/Dew Point:	26°C / -16°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Page, AZ (PGA)	Type of Flight Plan Filed:	VFR
Destination:	MARANA, AZ (AVQ)	Type of Clearance:	None
Departure Time:	14:10 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:	15	IFR Approach:	None
Runway Length/Width:	5950 ft / 150 ft	VFR Approach/Landing:	None

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:	36.93,-111.449996(est)

Administrative Information

Investigator In Charge (IIC):	Benhoff, Kathryn
Additional Participating Persons:	Carey Atnip; FAA; Las Vegas, NV
Original Publish Date:	September 10, 2018
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=97153

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