



National Transportation Safety Board Aviation Accident Final Report

Location:	Presidio, TX	Accident Number:	GAA19CA371
Date & Time:	06/24/2019, 1830 CDT	Registration:	N8521T
Aircraft:	Cessna 182	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The pilot reported that, during landing and upon touchdown, the airplane encountered a very strong left crosswind. The wings started to lift, and the airplane started to climb. He corrected by pitching the nose down and positioning the ailerons to counter the crosswind. The airplane encountered a second crosswind gust, all corrections were ineffective, and the airplane veered off the runway to the right. Upon leaving the runway, the airplane encountered thick vegetation and nosed over. The airplane sustained substantial damage to the right and left wings. The pilot reported that there were no preaccident mechanical failures or malfunctions 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 pilot's failure to maintain directional control during landing with a crosswind, which resulted in a runway excursion and impact with vegetation.

Findings

Aircraft	Directional control - Not attained/maintained (Cause)
Personnel issues	Use of equip/system - Pilot (Cause)
Environmental issues	Crosswind - Effect on operation (Cause) Tree(s) - Effect on operation (Cause)

Factual Information

History of Flight

Landing	Other weather encounter
Landing-landing roll	Loss of control on ground (Defining event)
Landing	Attempted remediation/recovery
Landing-landing roll	Runway excursion Collision with terr/obj (non-CFIT) Nose over/nose down

Pilot Information

Certificate:	Private	Age:	46, Male
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:	BasicMed With Waivers/Limitations	Last FAA Medical Exam:	01/29/2019
Occupational Pilot:	No	Last Flight Review or Equivalent:	04/04/2018
Flight Time:	(Estimated) 253 hours (Total, all aircraft), 110 hours (Total, this make and model), 203 hours (Pilot In Command, all aircraft), 3 hours (Last 90 days, all aircraft), 2 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N8521T
Model/Series:	182 C	Aircraft Category:	Airplane
Year of Manufacture:	1959	Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	52421
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	Annual	Certified Max Gross Wt.:	
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	at time of accident	Engine Manufacturer:	Continental
ELT:	Installed, not activated	Engine Model/Series:	O-470 SERIES
Registered Owner:	On file	Rated Power:	
Operator:	On file	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	KPRS, 2940 ft msl	Distance from Accident Site:	24 Nautical Miles
Observation Time:	2335 UTC	Direction from Accident Site:	294°
Lowest Cloud Condition:	Clear	Visibility	10 Miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	3 knots /	Turbulence Type Forecast/Actual:	None / None
Wind Direction:	290°	Turbulence Severity Forecast/Actual:	N/A / Light
Altimeter Setting:	29.79 inches Hg	Temperature/Dew Point:	39° C / 0° C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Alpine, TX (E38)	Type of Flight Plan Filed:	None
Destination:	Presidio, TX (3T9)	Type of Clearance:	None
Departure Time:	1800 CDT	Type of Airspace:	Class G

Airport Information

Airport:	BIG BEND RANCH STATE PARK (3T9)	Runway Surface Type:	Asphalt
Airport Elevation:	4250 ft	Runway Surface Condition:	Dry
Runway Used:	26	IFR Approach:	None
Runway Length/Width:	5500 ft / 80 ft	VFR Approach/Landing:	Full Stop; Straight-in

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 None	Latitude, Longitude:	29.471111, -103.936389 (est)

Administrative Information

Investigator In Charge (IIC):	Eric M Gutierrez	Report Date:	04/13/2020
Additional Participating Persons:	Steven R White; FAA; Lubbock, TX		
Publish Date:	04/13/2020		
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=99707		

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