



Aviation Investigation Final Report

Location:	Slaton, Texas	Accident Number:	GAA19CA140
Date & Time:	February 12, 2019, 15:15 Local	Registration:	N9184P
Aircraft:	Piper PA24	Aircraft Damage:	Substantial
Defining Event:	Runway excursion	Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Instructional		

Analysis

The student pilot reported that, during landing, he became complacent and did not compensate for a right crosswind. The airplane exited the left side of the runway, crossed over the taxiway, and the right main landing gear collapsed. Subsequently, the right wing and the stabilator struck the ground.

The airplane sustained substantial damage to the right wing and the stabilator.

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

The student reported that the wind about the time of the accident was from 220° at 9 knots. The student landed the airplane on runway 18.

Probable Cause and Findings

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

The student pilot's complacency, which led to his improper crosswind correction and subsequent failure to maintain directional control during the landing roll, which resulted in a runway excursion and ground collision.

Findings

Personnel issues	Aircraft control - Student/instructed pilot
Aircraft	Directional control - Not attained/maintained
Personnel issues	Complacency - Student/instructed pilot
Aircraft	Crosswind correction - Not attained/maintained
Environmental issues	Crosswind - Effect on operation

Factual Information

History of Flight

Landing-landing roll	Other weather encounter
Landing-landing roll	Runway excursion (Defining event)
Landing-landing roll	Landing gear collapse
Landing-landing roll	Collision with terr/obj (non-CFIT)

Student pilot Information

Certificate:	Student	Age:	64, Male
Airplane Rating(s):	None	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Unknown
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:	April 17, 2018
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:	(Estimated) 48 hours (Total, all aircraft), 48 hours (Total, this make and model), 7 hours (Pilot In Command, all aircraft), 17 hours (Last 90 days, all aircraft), 14 hours (Last 30 days, all aircraft), 4 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Piper	Registration:	N9184P
Model/Series:	PA24 260	Aircraft Category:	Airplane
Year of Manufacture:	1967	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	24-4674
Landing Gear Type:	Retractable - Tricycle	Seats:	4
Date/Type of Last Inspection:	February 12, 2018 Annual	Certified Max Gross Wt.:	3100 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	6132.51 Hrs at time of accident	Engine Manufacturer:	Lycoming
ELT:	Installed, not activated	Engine Model/Series:	IO-540-D4A5
Registered Owner:	On file	Rated Power:	260 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:	LBB,2430 ft msl	Distance from Accident Site:	50 Nautical Miles
Observation Time:	14:55 Local	Direction from Accident Site:	250°
Lowest Cloud Condition:		Visibility	10 miles
Lowest Ceiling:		Visibility (RVR):	
Wind Speed/Gusts:	9 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	220°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30.37 inches Hg	Temperature/Dew Point:	10°C / 7°C
Precipitation and Obscuration:			
Departure Point:	Plains, TX (F98)	Type of Flight Plan Filed:	None
Destination:	Slaton, TX (F49)	Type of Clearance:	None
Departure Time:	14:50 Local	Type of Airspace:	Class G

Airport Information

Airport:	Slaton Muni F49	Runway Surface Type:	Asphalt
Airport Elevation:	3126 ft msl	Runway Surface Condition:	Dry
Runway Used:	18	IFR Approach:	None
Runway Length/Width:	4244 ft / 75 ft	VFR Approach/Landing:	Full stop;Traffic pattern

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:	33.485279,-101.661666(est)

Administrative Information

Investigator In Charge (IIC):	Hicks, Michael
Additional Participating Persons:	Bill Fitzgerald; FAA; Lubbock, TX
Original Publish Date:	September 26, 2019
Last Revision Date:	
Investigation Class:	Class
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=99000

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