



Aviation Investigation Final Report

Location:	Port Aransas, Texas	Accident Number:	CEN21LA163
Date & Time:	March 14, 2021, 14:00 Local	Registration:	N6074A
Aircraft:	PIPER AIRCRAFT INC PA 46-350P	Aircraft Damage:	Substantial
Defining Event:	Landing area overshoot	Injuries:	2 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot reported that he was landing from an autopilot-coupled GPS approach when he noted that his airspeed over the runway numbers was 115 knots. The airplane floated over the wet runway touching down “just past the numbers”. The pilot applied full braking with over half of the runway remaining. The airplane slowed, but still slid off the end of the runway into the dirt. The airplane ground-looped, collapsing the left main landing gear and coming to a stop 180° facing the runway. 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 recommended approach speed for the airplane is 85 knots.

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 proper airspeed on approach and his attempt to land on a wet runway with insufficient runway remaining, resulting in an overrun and loss of directional control.

Findings

Personnel issues	Aircraft control - Pilot
Environmental issues	Wet surface - Contributed to outcome
Aircraft	Airspeed - Not attained/maintained

Factual Information

History of Flight

Landing	Landing area overshoot (Defining event)
Landing-landing roll	Runway excursion

Pilot Information

Certificate:	Private	Age:	43, Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	3-point
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):	None	Toxicology Performed:	
Medical Certification:	Class 3 Without waivers/limitations	Last FAA Medical Exam:	November 2, 2020
Occupational Pilot:	No	Last Flight Review or Equivalent:	December 10, 2020
Flight Time:	1600 hours (Total, all aircraft), 103 hours (Total, this make and model), 103 hours (Last 90 days, all aircraft), 30 hours (Last 30 days, all aircraft)		

Co-pilot Information

Certificate:	None	Age:	Female
Airplane Rating(s):	None	Seat Occupied:	Right
Other Aircraft Rating(s):	None	Restraint Used:	3-point
Instrument Rating(s):	None	Second Pilot Present:	Yes
Instructor Rating(s):	None	Toxicology Performed:	
Medical Certification:		Last FAA Medical Exam:	
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:	(Estimated) 100 hours (Total, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	PIPER AIRCRAFT INC	Registration:	N6074A
Model/Series:	PA 46-350P	Aircraft Category:	Airplane
Year of Manufacture:	2008	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	4636451
Landing Gear Type:	Retractable - Tricycle	Seats:	6
Date/Type of Last Inspection:	November 20, 2020 100 hour	Certified Max Gross Wt.:	4300 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	1679 Hrs	Engine Manufacturer:	Lycoming
ELT:	Installed, not activated	Engine Model/Series:	TIO-540-AE2A
Registered Owner:	On file	Rated Power:	300 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:	KRAS, 5 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	13:55 Local	Direction from Accident Site:	158°
Lowest Cloud Condition:		Visibility	10 miles
Lowest Ceiling:	Broken / 500 ft AGL	Visibility (RVR):	
Wind Speed/Gusts:	17 knots / None	Turbulence Type Forecast/Actual:	/
Wind Direction:	310°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29.94 inches Hg	Temperature/Dew Point:	17°C / 17°C
Precipitation and Obscuration:	In the vicinity - None - Mist		
Departure Point:	Fort Worth, TX (FTW)	Type of Flight Plan Filed:	IFR
Destination:	Port Aransas, TX	Type of Clearance:	IFR
Departure Time:	11:30 Local	Type of Airspace:	Class E

Airport Information

Airport:	MUSTANG BEACH RAS	Runway Surface Type:	Asphalt
Airport Elevation:	5 ft msl	Runway Surface Condition:	Wet
Runway Used:	12/30	IFR Approach:	Global positioning system;RNAV;Visual
Runway Length/Width:	3482 ft / 70 ft	VFR Approach/Landing:	None

Wreckage and Impact Information

Crew Injuries:	2 None	Aircraft Damage:	Substantial
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:		Aircraft Explosion:	None
Total Injuries:	2 None	Latitude, Longitude:	27.8197,-97.0925

Administrative Information

Investigator In Charge (IIC):	Liedler, Courtney
Additional Participating Persons:	Robert Arispe; FAA; San Antonio, TX
Original Publish Date:	August 20, 2021
Last Revision Date:	
Investigation Class:	Class 4
Note:	The NTSB did not travel to the scene of this accident.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=102802

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