



Aviation Investigation Final Report

Location:	Pflugerville, Texas	Accident Number:	GAA16CA155
Date & Time:	March 20, 2016, 11:30 Local	Registration:	N975MA
Aircraft:	Piper PA 46	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	2 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot reported that during touch down in gusty crosswind conditions, the airplane veered off the runway to the left. He further reported when he corrected to get back onto the runway the nose gear collapsed.

The airplane sustained substantial damage to the left wing.

According to the pilot there were no preimpact mechanical failures or malfunctions with the airframe or engine 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 the landing touchdown in gusty crosswind conditions, which resulted in runway excursion, and nose gear collapse.

Findings

Aircraft	Directional control - Not attained/maintained
Personnel issues	Aircraft control - Pilot
Environmental issues	Crosswind - Response/compensation
Environmental issues	Gusts - Response/compensation

Factual Information

History of Flight

Landing-flare/touchdown	Other weather encounter
Landing	Loss of control on ground (Defining event)
Landing	Runway excursion
Landing	Attempted remediation/recovery
Landing	Landing gear collapse
Landing	Collision with terr/obj (non-CFIT)

Pilot Information

Certificate:	Commercial	Age:	58, Male
Airplane Rating(s):	Single-engine land; Single-engine sea; Multi-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	3-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:	December 9, 2015
Occupational Pilot:	No	Last Flight Review or Equivalent:	December 22, 2015
Flight Time:	(Estimated) 2206 hours (Total, all aircraft), 730 hours (Total, this make and model), 2171 hours (Pilot In Command, all aircraft), 32 hours (Last 90 days, all aircraft), 10 hours (Last 30 days, all aircraft), 3 hours (Last 24 hours, all aircraft)		

Passenger Information

Certificate:		Age:	Male
Airplane Rating(s):		Seat Occupied:	Right
Other Aircraft Rating(s):		Restraint Used:	3-point
Instrument Rating(s):		Second Pilot Present:	No
Instructor Rating(s):		Toxicology Performed:	No
Medical Certification:		Last FAA Medical Exam:	
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:			

Aircraft and Owner/Operator Information

Aircraft Make:	Piper	Registration:	N975MA
Model/Series:	PA 46 350P	Aircraft Category:	Airplane
Year of Manufacture:	2010	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	4636475
Landing Gear Type:	Retractable - Tricycle	Seats:	6
Date/Type of Last Inspection:	November 5, 2015 Annual	Certified Max Gross Wt.:	4340 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	773 Hrs at time of accident	Engine Manufacturer:	LYCOMING
ELT:	C91 installed, not activated	Engine Model/Series:	TIO-540-AE2A
Registered Owner:	SOUTHWORTH AIRCRAFT INC,	Rated Power:	350 Horsepower
Operator:	SOUTHWORTH AIRCRAFT INC,	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	KEDC,617 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	16:35 Local	Direction from Accident Site:	270°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	15 knots / 18 knots	Turbulence Type Forecast/Actual:	/ None
Wind Direction:	30°	Turbulence Severity Forecast/Actual:	/ N/A
Altimeter Setting:	30.46 inches Hg	Temperature/Dew Point:	12°C / -1°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	TUPELO, MS (TUP)	Type of Flight Plan Filed:	None
Destination:	Pflugerville, TX (EDC)	Type of Clearance:	None
Departure Time:	08:30 Local	Type of Airspace:	Class G

Airport Information

Airport:	AUSTIN EXECUTIVE EDC	Runway Surface Type:	Asphalt
Airport Elevation:	620 ft msl	Runway Surface Condition:	Dry
Runway Used:	31	IFR Approach:	None
Runway Length/Width:	6025 ft / 100 ft	VFR Approach/Landing:	Full stop;Traffic pattern

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	1 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 None	Latitude, Longitude:	30.395,-97.563056(est)

Administrative Information

Investigator In Charge (IIC):	Vanover, Jackie
Additional Participating Persons:	Victor H Lopez; FAA; San Antonio, TX
Original Publish Date:	June 1, 2016
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=92874

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