



# Aviation Investigation Final Report

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<b>Location:</b>	Akron, Ohio	<b>Accident Number:</b>	CEN15CA188
<b>Date &amp; Time:</b>	February 12, 2015, 16:45 Local	<b>Registration:</b>	N427AB
<b>Aircraft:</b>	Piper PA 46-350P	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>	Loss of control on ground	<b>Injuries:</b>	2 None
<b>Flight Conducted Under:</b>	Part 91: General aviation		

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## Analysis

The airplane veered off the left side of the runway during landing with a left gusting crosswind. The maximum demonstrated crosswind velocity for the airplane was 17 knots. The pilot stated that he had applied right rudder and left aileron control inputs for the landing. The airplane left main landing gear touched down first and when the right main landing gear contacted the runway, a gust of wind lifted the left wing, resulting in a loss of directional control. The airplane veered off the left side of the runway and into a grass area adjacent to the runway where the nose landing gear collapsed. The airplane sustained substantial damage to the engine firewall. The pilot and passenger were uninjured. The pilot stated that there was no mechanical malfunction/failure of the airplane.

## 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 crosswind landing in gusting crosswind conditions.

## Findings

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<b>Personnel issues</b>	Incorrect action performance - Pilot
<b>Environmental issues</b>	Crosswind - Contributed to outcome
<b>Environmental issues</b>	Gusts - Contributed to outcome
<b>Aircraft</b>	Crosswind correction - Attain/maintain not possible

## Factual Information

### History of Flight

<b>Landing</b>	Other weather encounter
<b>Landing-flare/touchdown</b>	Loss of control on ground (Defining event)
<b>Landing-landing roll</b>	Collision with terr/obj (non-CFIT)
<b>Landing-landing roll</b>	Landing gear collapse

### Pilot Information

<b>Certificate:</b>	Commercial; Private	<b>Age:</b>	47
<b>Airplane Rating(s):</b>	Single-engine land	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	3-point
<b>Instrument Rating(s):</b>	Airplane	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 3 With waivers/limitations	<b>Last FAA Medical Exam:</b>	November 13, 2013
<b>Occupational Pilot:</b>	Yes	<b>Last Flight Review or Equivalent:</b>	March 13, 2014
<b>Flight Time:</b>	700 hours (Total, all aircraft), 243 hours (Total, this make and model), 575 hours (Pilot In Command, all aircraft), 50 hours (Last 90 days, all aircraft), 30 hours (Last 30 days, all aircraft), 3 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Piper	<b>Registration:</b>	N427AB
<b>Model/Series:</b>	PA 46-350P	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>	2002	<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	4636324
<b>Landing Gear Type:</b>	Retractable -	<b>Seats:</b>	6
<b>Date/Type of Last Inspection:</b>	January 8, 2015 Annual	<b>Certified Max Gross Wt.:</b>	4350 lbs
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	Reciprocating
<b>Airframe Total Time:</b>	1848 Hrs at time of accident	<b>Engine Manufacturer:</b>	Lycoming
<b>ELT:</b>	Installed, activated, did not aid in locating accident	<b>Engine Model/Series:</b>	TIO-540-AE2A
<b>Registered Owner:</b>	SSP Aviation LLC	<b>Rated Power:</b>	350 Horsepower
<b>Operator:</b>	Pilot	<b>Operating Certificate(s) Held:</b>	None

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual (VMC)	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>	AKR	<b>Distance from Accident Site:</b>	0 Nautical Miles
<b>Observation Time:</b>	16:46 Local	<b>Direction from Accident Site:</b>	
<b>Lowest Cloud Condition:</b>	Scattered / 2900 ft AGL	<b>Visibility</b>	9 miles
<b>Lowest Ceiling:</b>	Broken / 3500 ft AGL	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	17 knots / 22 knots	<b>Turbulence Type Forecast/Actual:</b>	/ None
<b>Wind Direction:</b>	340°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	30.15 inches Hg	<b>Temperature/Dew Point:</b>	-11°C / -18°C
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	INDIANAPOLIS, IN (EYE )	<b>Type of Flight Plan Filed:</b>	VFR/IFR
<b>Destination:</b>	Akron, OH (AKR )	<b>Type of Clearance:</b>	VFR flight following
<b>Departure Time:</b>	14:10 Local	<b>Type of Airspace:</b>	Class D

## Airport Information

<b>Airport:</b>	AKRON FULTON INTL AKR	<b>Runway Surface Type:</b>	Asphalt
<b>Airport Elevation:</b>	1067 ft msl	<b>Runway Surface Condition:</b>	Ice
<b>Runway Used:</b>	07	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	6336 ft / 150 ft	<b>VFR Approach/Landing:</b>	Full stop

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	1 None	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	2 None	<b>Latitude, Longitude:</b>	41.037498,-81.466667(est)

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Gallo, Mitchell
<b>Additional Participating Persons:</b>	Steven Steele; Federal Aviation Administration; CLE FSDO; Cleveland, OH
<b>Original Publish Date:</b>	May 13, 2015
<b>Last Revision Date:</b>	
<b>Investigation Class:</b>	<a href="#">Class</a>
<b>Note:</b>	This accident report documents the factual circumstances of this accident as described to the NTSB.
<b>Investigation Docket:</b>	<a href="https://data.nts.gov/Docket?ProjectID=90976">https://data.nts.gov/Docket?ProjectID=90976</a>

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