



Aviation Investigation Final Report

Location:	Wadsworth, Ohio	Accident Number:	GAA18CA452
Date & Time:	July 28, 2018, 13:30 Local	Registration:	N4855G
Aircraft:	Cessna 172	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 during a telephone interview that, while landing in variable wind conditions, his approach speed was fast, and that during the landing roll, the wind pushed the airplane off the runway to the right. He added that he did not apply full braking action.

The pilot further stated that, during the landing roll, a strong crosswind gust pushed the airplane off the right side of the runway into bushes. He described the wind as variable and gusting but did not report the wind speed.

The airplane sustained substantial damage to the fuselage.

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

The automated weather observation station located about 10 miles south-southwest from the airport reported that, about 34 minutes before the accident, the wind was from 290° at 8 knots. The same automated station reported that, about 26 minutes after the accident, the wind was from 310° at 5 knots. The airplane landed on runway 3.

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.

Findings

Aircraft	Directional control - Not attained/maintained
Personnel issues	Aircraft control - Pilot
Aircraft	Surface speed/braking - Incorrect use/operation
Environmental issues	(general) - Contributed to outcome

Factual Information

History of Flight

Landing	Miscellaneous/other
Landing	Other weather encounter
Landing	Loss of control on ground (Defining event)
Landing	Runway excursion
Landing	Collision with terr/obj (non-CFIT)

Pilot Information

Certificate:	Private	Age:	82,Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Unknown
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:	October 30, 2015
Occupational Pilot:	UNK	Last Flight Review or Equivalent:	
Flight Time:	(Estimated)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N4855G
Model/Series:	172 N	Aircraft Category:	Airplane
Year of Manufacture:	1979	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	17273402
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	September 1, 2017 Annual	Certified Max Gross Wt.:	2550 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	1554.6 Hrs at time of accident	Engine Manufacturer:	Lycoming
ELT:	C91 installed, not activated	Engine Model/Series:	O-320 SERIES
Registered Owner:		Rated Power:	180 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:	KBJJ, 1137 ft msl	Distance from Accident Site:	10 Nautical Miles
Observation Time:	17:56 Local	Direction from Accident Site:	203°
Lowest Cloud Condition:		Visibility	10 miles
Lowest Ceiling:	Broken / 4700 ft AGL	Visibility (RVR):	
Wind Speed/Gusts:	5 knots /	Turbulence Type Forecast/Actual:	None / None
Wind Direction:	310°	Turbulence Severity Forecast/Actual:	N/A / N/A
Altimeter Setting:	30.13 inches Hg	Temperature/Dew Point:	22°C / 13°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Wadsworth, OH (15G)	Type of Flight Plan Filed:	None
Destination:	Port Clinton, OH (PCW)	Type of Clearance:	None
Departure Time:	09:30 Local	Type of Airspace:	Class G

Airport Information

Airport:	WELTZIEN SKYPARK 15G	Runway Surface Type:	Asphalt
Airport Elevation:	1210 ft msl	Runway Surface Condition:	Dry
Runway Used:	03	IFR Approach:	None
Runway Length/Width:	2410 ft / 37 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:	41.027221,-81.798889(est)

Administrative Information

Investigator In Charge (IIC):	Benhoff, Kathryn
Additional Participating Persons:	David Osborne; FAA; Cleveland, OH
Original Publish Date:	March 18, 2019
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=97933

The National Transportation Safety Board (NTSB), established in 1967, is an independent federal agency mandated by Congress through the Independent Safety Board Act of 1974 to investigate transportation accidents, determine the probable causes of the accidents, issue safety recommendations, study transportation safety issues, and evaluate the safety effectiveness of government agencies involved in transportation. The NTSB makes public its actions and decisions through accident reports, safety studies, special investigation reports, safety recommendations, and statistical reviews.

The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report. A factual report that may be admissible under 49 U.S.C. § 1154(b) is available [here](#).