



Aviation Investigation Final Report

Location:	Bethany Center, New York	Accident Number:	ERA14CA449
Date & Time:	September 20, 2014, 09:15 Local	Registration:	N3785D
Aircraft:	Cessna 182A	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

According to the pilot, he was attempting a soft field landing on runway 27. Following a stable approach and landing, a gust of wind was encountered. The airplane veered to the right and the pilot was unable to stop the airplane before the right wing struck a wind sock pole. An inspector from the Federal Aviation Administration examined the airplane and confirmed substantial damage to the right wing. The pilot reported no pre-impact mechanical malfunctions or failures with the airplane 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 a directional control of the airplane during gusting wind conditions.

Findings

Aircraft	Directional control - Not attained/maintained
Personnel issues	Aircraft control - Pilot
Environmental issues	Gusts - Effect on operation
Environmental issues	Pole - Contributed to outcome

Factual Information

History of Flight

Landing-landing roll	Loss of control on ground (Defining event)
Landing-landing roll	Runway excursion
Landing-landing roll	Collision with terr/obj (non-CFIT)

Pilot Information

Certificate:	Commercial; Flight instructor	Age:	23
Airplane Rating(s):	Single-engine land; Multi-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Lap only
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	Airplane multi-engine; Airplane single-engine	Toxicology Performed:	No
Medical Certification:	Class 1 Without waivers/limitations	Last FAA Medical Exam:	September 4, 2014
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	January 27, 2014
Flight Time:	329 hours (Total, all aircraft), 18 hours (Total, this make and model), 214 hours (Pilot In Command, all aircraft), 44 hours (Last 90 days, all aircraft), 12 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N3785D
Model/Series:	182A	Aircraft Category:	Airplane
Year of Manufacture:	1957	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	34485
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	August 14, 2014 Annual	Certified Max Gross Wt.:	2950 lbs
Time Since Last Inspection:	30 Hrs	Engines:	1 Reciprocating
Airframe Total Time:	3900 Hrs as of last inspection	Engine Manufacturer:	CONT MOTOR
ELT:	Installed, not activated	Engine Model/Series:	O-470 SERIES
Registered Owner:	On file	Rated Power:	230 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:	ROC,558 ft msl	Distance from Accident Site:	23 Nautical Miles
Observation Time:	08:54 Local	Direction from Accident Site:	30°
Lowest Cloud Condition:	Few / 6000 ft AGL	Visibility	10 miles
Lowest Ceiling:	Broken / 25000 ft AGL	Visibility (RVR):	
Wind Speed/Gusts:	11 knots / 17 knots	Turbulence Type Forecast/Actual:	/ None
Wind Direction:	210°	Turbulence Severity Forecast/Actual:	/ N/A
Altimeter Setting:	30.05 inches Hg	Temperature/Dew Point:	18°C / 13°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Batavia, NY (GVQ)	Type of Flight Plan Filed:	None
Destination:	Bethany Center, NY (8NK4)	Type of Clearance:	None
Departure Time:	09:00 Local	Type of Airspace:	

Airport Information

Airport:	Bethany Airpark 8NK4	Runway Surface Type:	Grass/turf
Airport Elevation:	1000 ft msl	Runway Surface Condition:	Dry
Runway Used:	27	IFR Approach:	None
Runway Length/Width:	2800 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:	42.943332,-78.138336(est)

Administrative Information

Investigator In Charge (IIC): Hicks, Ralph

Additional Participating Persons:

Original Publish Date: October 9, 2014

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=90127>

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