



# National Transportation Safety Board Aviation Accident Data Summary

<b>Location:</b>	Cartersville, GA	<b>Accident Number:</b>	ERA14CA277
<b>Date &amp; Time:</b>	06/02/2014, 1120 EDT	<b>Registration:</b>	N30820
<b>Aircraft:</b>	CESSNA 177B	<b>Injuries:</b>	2 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

## Analysis

The pilot reported that he had intended to perform a touch-and-go landing in to the wind; however, traffic was landing and departing in the opposite direction on the 5,760-foot-long, 100-foot-wide, asphalt runway. The pilot then listened to the automated surface observation system, which indicated the wind was variable and he elected to land in the direction of the other traffic. During short final approach, the pilot noticed his airspeed was about 10 mph faster than normal and the airplane bounced after touchdown. The pilot added power to cushion the second bounce and the airplane began to drift left toward the left side of the runway. Before he could correct for the drift, the airplane bounced a second time. The pilot then added full power to perform a go-around, but the airplane struck a runway sign off the left side of the runway and came to rest upright in a grass area between the runway and taxiway. The pilot further stated that winds were light and variable and that there were no preimpact mechanical malfunctions with the airplane. Examination of the airplane by a Federal Aviation Administration inspector revealed damage to the firewall and horizontal stabilizer. The recorded wind at the airport, about 30 minutes before and after the accident, was a right crosswind at 6 knots with a 10-degree tailwind component.

## Flight Events

Landing-aborted after touchdown - Loss of control on ground  
Landing-aborted after touchdown - Runway excursion  
Landing-aborted after touchdown - Collision with terr/obj (non-CFIT)

## Probable Cause

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 go-around after landing.

## Findings

Aircraft-Aircraft oper/perf/capability-Performance/control parameters-Directional control-Not attained/maintained - C  
Personnel issues-Task performance-Use of equip/info-Aircraft control-Pilot - C  
Environmental issues-Conditions/weather/phenomena-Wind-Tailwind-Contributed to outcome  
Environmental issues-Physical environment-Object/animal/substance-Sign/marker-Contributed to outcome

## Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	63
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Instrument Rating(s):</b>	None
<b>Other Aircraft Rating(s):</b>	None	<b>Instructor Rating(s):</b>	None
<b>Flight Time:</b>	321 hours (Total, all aircraft), 260 hours (Total, this make and model), 256 hours (Pilot In Command, all aircraft), 3 hours (Last 90 days, all aircraft), 3 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Manufacturer:</b>	CESSNA	<b>Registration:</b>	N30820
<b>Model/Series:</b>	177B	<b>Engines:</b>	1 Reciprocating
<b>Operator:</b>	JULIUS JAMES D	<b>Engine Manufacturer:</b>	LYCOMING
<b>Air Carrier Operating Certificate:</b>	None	<b>Engine Model/Series:</b>	O-360
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

## Meteorological Information and Flight Plan

<b>Observation Facility, Elevation:</b>	VPC, 759 ft msl	<b>Weather Information Source:</b>	Weather Observation Facility
<b>Conditions at Accident Site:</b>	Visual Conditions	<b>Lowest Ceiling:</b>	None
<b>Condition of Light:</b>	Day	<b>Wind Speed/Gusts, Direction:</b>	6 knots, 110°
<b>Temperature:</b>		<b>Visibility</b>	10 Miles
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	Dallas, GA (PUJ)	<b>Destination:</b>	Cartersville, GA (VPC)

## Airport Information

<b>Airport:</b>	Cartersville Airport (VPC)	<b>Runway Surface Type:</b>	Asphalt
<b>Runway Used:</b>	01	<b>Runway Surface Condition:</b>	Dry
<b>Runway Length/Width:</b>	5760 ft / 100 ft		

## 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

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Robert J Gretz	<b>Adopted Date:</b>	06/18/2014
<b>Note:</b>	This accident report documents the factual circumstances of this accident as described to the NTSB.		
<b>Investigation Docket:</b>	<a href="http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=89355">http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=89355</a>		

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