



# National Transportation Safety Board Aviation Accident Final Report

<b>Location:</b>	Marlboro, MA	<b>Accident Number:</b>	ERA14CA139
<b>Date &amp; Time:</b>	03/01/2014, 1145 EST	<b>Registration:</b>	N5556H
<b>Aircraft:</b>	PIPER PA 11S	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>	Loss of control on ground	<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

## Analysis

According to the pilot, he was regaining his 90-day passenger-carrying privileges since his most recent flight was about 5 months prior to the accident. He had performed one landing successfully, and on the second landing, the airplane touched down on all three wheels and was decelerating. The airplane subsequently veered to the left, departed the left side of the runway, struck a snowbank, and came to rest resulting in substantial damage to the wing strut, firewall, and fuselage. The pilot reported to a Federal Aviation Administration inspector that the wind was from the left at 5 to 10 knots and occasionally was gusting to 15 knots. He also reported that there were no mechanical malfunctions or anomalies with the airplane.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's loss of directional control during the landing rollout in crosswinds, resulting in a runway excursion and subsequent impact with a snow bank.

## Findings

<b>Aircraft</b>	Directional control - Not attained/maintained (Cause)
<b>Personnel issues</b>	Aircraft control - Pilot (Cause) Recent experience - Pilot
<b>Environmental issues</b>	Snowy/icy terrain - Contributed to outcome Crosswind - Effect on operation

## Factual Information

### History of Flight

Landing-landing roll	Loss of control on ground (Defining event) Runway excursion
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### Pilot Information

Certificate:	Airline Transport; Flight Instructor; Commercial	Age:	67
Airplane Rating(s):	Multi-engine Land; Single-engine Land; Single-engine Sea	Seat Occupied:	Front
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	Airplane Multi-engine; Instrument Airplane	Toxicology Performed:	No
Medical Certification:	Class 3 With Waivers/Limitations	Last Medical Exam:	04/02/2013
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:	6639 hours (Total, all aircraft), 8 hours (Total, this make and model), 6393 hours (Pilot In Command, all aircraft), 1 hours (Last 90 days, all aircraft), 1 hours (Last 30 days, all aircraft)		

### Aircraft and Owner/Operator Information

Aircraft Manufacturer:	PIPER	Registration:	N5556H
Model/Series:	PA 11S	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	11-1067
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:	01/09/2014, Annual	Certified Max Gross Wt.:	1220 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	2378 Hours	Engine Manufacturer:	Continental
ELT:	C91A installed, not activated	Engine Model/Series:	C90-8F
Registered Owner:	NOONE JAMES J	Rated Power:	90 hp
Operator:	On file	Air Carrier Operating Certificate:	None

## Meteorological Information and Flight Plan

Observation Facility, Elevation:	KBED, 133 ft msl	Observation Time:	1156 EST
Distance from Accident Site:	12 Nautical Miles	Condition of Light:	Day
Direction from Accident Site:	52°	Conditions at Accident Site:	Visual Conditions
Lowest Cloud Condition:	Clear	Temperature/Dew Point:	-3° C / -14° C
Lowest Ceiling:	None	Visibility	10 Miles
Wind Speed/Gusts, Direction:	11 knots, 200°	Visibility (RVR):	
Altimeter Setting:	30.32 inches Hg	Visibility (RVV):	
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Marlboro, MA (9B1)	Type of Flight Plan Filed:	None
Destination:	Marlboro, MA (9B1)	Type of Clearance:	None
Departure Time:	EST	Type of Airspace:	

## Airport Information

Airport:	MARLBORO (9B1)	Runway Surface Type:	Asphalt
Airport Elevation:	285 ft	Runway Surface Condition:	Dry
Runway Used:	32	IFR Approach:	None
Runway Length/Width:	1659 ft / 45 ft	VFR Approach/Landing:	Traffic Pattern

## Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 None		

## Administrative Information

Investigator In Charge (IIC):	Shawn Etcher	Adopted Date:	04/01/2014
Additional Participating Persons:	Thomas MacMurtry; FAA/FSDO; Lexington, MA		
Publish Date:	07/08/2015		
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	<a href="http://dms.ntsb.gov/pubdms/search/dockList.cfm?mKey=88866">http://dms.ntsb.gov/pubdms/search/dockList.cfm?mKey=88866</a>		

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