



# National Transportation Safety Board Aviation Accident Data Summary

<b>Location:</b>	Norwood, MA	<b>Accident Number:</b>	MIA08CA071
<b>Date &amp; Time:</b>	03/02/2008, 1547 EST	<b>Registration:</b>	N9182A
<b>Aircraft:</b>	Piper PA-38-112	<b>Injuries:</b>	2 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Instructional		

## Analysis

The flight crew was advised by air traffic control that the wind was from 320 degrees at 13 knots with gusts to 16 knots, and was cleared for a touch-and-go landing on runway 35. After touchdown with neutral aileron and rudder control input, the student glanced to remove carburetor heat and retract the flaps but looked outside of the cockpit and noted the airplane was moving towards the right side of the runway and was not lined up. The certified flight instructor took control of the airplane and attempted to correct but the right main landing gear collided with a snow bank at the right edge of the runway.

## Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:  
The failure of the flightcrew to maintain directional control of the airplane.

## Findings

Occurrence #1: ON GROUND/WATER ENCOUNTER WITH WEATHER  
Phase of Operation: LANDING - ROLL

### Findings

1. WEATHER CONDITION - CROSSWIND  
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Occurrence #2: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER  
Phase of Operation: LANDING - ROLL

### Findings

2. TERRAIN CONDITION - SNOWBANK  
3. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - FLIGHTCREW

## Flight Instructor Information

<b>Certificate:</b>	Flight Instructor; Commercial	<b>Age:</b>	68
<b>Airplane Rating(s):</b>	Multi-engine Land; Single-engine Land; Single-engine Sea	<b>Instrument Rating(s):</b>	Airplane
<b>Other Aircraft Rating(s):</b>	Glider	<b>Instructor Rating(s):</b>	
<b>Flight Time:</b>	14000 hours (Total, all aircraft), 100 hours (Total, this make and model), 14000 hours (Pilot In Command, all aircraft), 110 hours (Last 90 days, all aircraft), 30 hours (Last 30 days, all aircraft)		

## Student Pilot Information

<b>Certificate:</b>	Student	<b>Age:</b>	40
<b>Airplane Rating(s):</b>	None	<b>Instrument Rating(s):</b>	None
<b>Other Aircraft Rating(s):</b>	None	<b>Instructor Rating(s):</b>	None
<b>Flight Time:</b>	140 hours (Total, all aircraft), 60 hours (Total, this make and model), 10 hours (Pilot In Command, all aircraft), 10 hours (Last 90 days, all aircraft), 5 hours (Last 30 days, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Manufacturer:</b>	Piper	<b>Registration:</b>	N9182A
<b>Model/Series:</b>	PA-38-112	<b>Engines:</b>	1 Reciprocating
<b>Operator:</b>	East Coast Aero Club	<b>Engine Manufacturer:</b>	Lycoming
<b>Air Carrier Operating Certificate:</b>	None	<b>Engine Model/Series:</b>	O-235-L2C
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Instructional		

## Meteorological Information and Flight Plan

<b>Observation Facility, Elevation:</b>	KOWD, 49 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>	16 knots/ 23 knots, 310°
<b>Temperature:</b>	3° C / -11° C	<b>Visibility:</b>	10 Miles
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	Bedford, MA (KBED)	<b>Destination:</b>	Norwood, MA (KOWD)

## Airport Information

<b>Airport:</b>	Norwood Memorial Airport (KOWD)	<b>Runway Surface Type:</b>	Asphalt
<b>Runway Used:</b>	35	<b>Runway Surface Condition:</b>	Dry
<b>Runway Length/Width:</b>	4008 ft / 100 ft		

## Wreckage and Impact Information

<b>Crew Injuries:</b>	2 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	N/A	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Timothy W Monville	<b>Adopted Date:</b>	04/30/2008
<b>Note:</b>	This accident report documents the factual circumstances of this accident as described to the NTSB.		
<b>Investigation Docket:</b>	NTSB accident and incident dockets serve as permanent archival information for the NTSB's investigations. Dockets released prior to June 1, 2009 are publicly available from the NTSB's Record Management Division at <a href="mailto:pubinq@ntsb.gov">pubinq@ntsb.gov</a> , or at 800-877-6799. Dockets released after this date are available at <a href="http://dms.nts.gov/pubdms/">http://dms.nts.gov/pubdms/</a> .		

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