



Aviation Investigation Final Report

Location:	Bridgeport, Connecticut	Accident Number:	NYC07CA240
Date & Time:	September 18, 2007, 16:15 Local	Registration:	N9285J
Aircraft:	Piper PA-28-180	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Instructional		

Analysis

The student pilot performed several "touch-and-go" landings before returning to his home airport in the Piper PA-28-180. The pilot then completed a normal traffic pattern, approach, and touchdown with a light crosswind. During the rollout, the crosswind increased from the right, and the airplane began to drift left. The pilot then "over-reacted by applying too much right rudder input." The airplane veered to the right, departed the runway and impacted a sign, resulting in substantial damage. No mechanical abnormalities associated with the airplane were reported.

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 of the airplane during the landing. Contributing was the crosswind weather condition.

Findings

Occurrence #1: LOSS OF CONTROL - ON GROUND/WATER
Phase of Operation: LANDING - ROLL

Findings

1. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND
2. (F) WEATHER CONDITION - CROSSWIND

Factual Information

The student pilot performed several "touch-and-go" landings before returning to his home airport in the Piper PA-28-180. The pilot then completed a normal traffic pattern, approach, and touchdown with a light crosswind on runway 11. During the rollout, the crosswind increased from the right, and the airplane began to drift left. The pilot then "over-reacted by applying too much right rudder input." The airplane veered to the right, departed the runway and impacted a sign, resulting in substantial damage. No mechanical abnormalities associated with the airplane were reported. About 20 minutes before the accident the winds were reported from 150 degrees at 9 knots.

Pilot Information

Certificate:	Student	Age:	43, Male
Airplane Rating(s):	None	Seat Occupied:	
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3	Last FAA Medical Exam:	October 1, 2006
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:	8 hours (Total, all aircraft), 8 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Make:	Piper	Registration:	N9285J
Model/Series:	PA-28-180	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	28-3369
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:		Certified Max Gross Wt.:	
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:		Engine Manufacturer:	Lycoming
ELT:	Installed, not activated	Engine Model/Series:	O-360
Registered Owner:	N9285J Leasing LLC	Rated Power:	180 Horsepower
Operator:	Three Wing Flying Services	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	BDR,9 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	15:52 Local	Direction from Accident Site:	
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	9 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	150°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30.37 inches Hg	Temperature/Dew Point:	18°C / 8°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Oxford, CT (OXC)	Type of Flight Plan Filed:	None
Destination:	Bridgeport, CT (BDR)	Type of Clearance:	None
Departure Time:		Type of Airspace:	

Airport Information

Airport:	Igor I Sikorsky Mem Airport BDR	Runway Surface Type:	Asphalt
Airport Elevation:		Runway Surface Condition:	Dry
Runway Used:	11	IFR Approach:	None
Runway Length/Width:	4761 ft / 150 ft	VFR Approach/Landing:	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:	41.163333,-73.126113

Administrative Information

Investigator In Charge (IIC):	Diaz, Dennis
Additional Participating Persons:	Marilyn Pearson; Windsor Locks FSDO
Original Publish Date:	December 20, 2007
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=66768

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