



Aviation Investigation Final Report

Location:	Atlanta, Georgia	Accident Number:	NYC08CA105
Date & Time:	February 19, 2008, 10:50 Local	Registration:	N8202Y
Aircraft:	Piper PA-30	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	2 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot reported that when he applied brakes during the landing rollout, the right brake "grabbed" and the airplane immediately began to veer to the right. The airplane continued off the right side of the runway, across a taxiway, and subsequently entered a ditch. The airplane sustained damage to the nose, landing gear, right wing, and both propellers. Postaccident examination of the airplane did not reveal any preimpact malfunctions. In addition, no flat spots or unusual wear patterns were observed on the right main landing gear tire. Winds reported at the airport, about the time of the accident, were from 230 degrees at 12 knots.

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 during the landing roll.

Findings

Aircraft	Directional control - Not attained/maintained
Environmental issues	(general) - Not specified

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	Age:	82, Male
Airplane Rating(s):	Single-engine land; Multi-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 2 With waivers/limitations	Last FAA Medical Exam:	September 1, 2007
Occupational Pilot:	No	Last Flight Review or Equivalent:	April 1, 2007
Flight Time:	5361 hours (Total, all aircraft), 3460 hours (Total, this make and model), 19 hours (Last 90 days, all aircraft), 4 hours (Last 30 days, all aircraft), 3 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Piper	Registration:	N8202Y
Model/Series:	PA-30	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	1321
Landing Gear Type:	Retractable - Tricycle	Seats:	4
Date/Type of Last Inspection:	May 1, 2007 Annual	Certified Max Gross Wt.:	3800 lbs
Time Since Last Inspection:		Engines:	2 Reciprocating
Airframe Total Time:	4700 Hrs at time of accident	Engine Manufacturer:	Lycoming
ELT:	Installed, not activated	Engine Model/Series:	IO-320
Registered Owner:	On file	Rated Power:	160 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:	PDK,1003 ft msl	Distance from Accident Site:	
Observation Time:	10:53 Local	Direction from Accident Site:	
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	12 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	230°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30.18 inches Hg	Temperature/Dew Point:	9°C / -3°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	St. Marys, GA (4J6)	Type of Flight Plan Filed:	IFR
Destination:	Atlanta, GA (PDK)	Type of Clearance:	IFR
Departure Time:	08:55 Local	Type of Airspace:	

Airport Information

Airport:	Dekalb-Peachtree PDK	Runway Surface Type:	Concrete
Airport Elevation:	1003 ft msl	Runway Surface Condition:	Dry
Runway Used:	20L	IFR Approach:	Visual
Runway Length/Width:	6001 ft / 100 ft	VFR Approach/Landing:	None

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	1 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 None	Latitude, Longitude:	33.875556,-84.30194

Administrative Information

Investigator In Charge (IIC):	Schiada, Luke
Additional Participating Persons:	Michael A Pupek; FAA/FSDO; Atlanta, GA
Original Publish Date:	April 30, 2008
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=67550

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