



Aviation Investigation Final Report

Location:	COLUMBUS, Ohio	Accident Number:	NYC00LA228
Date & Time:	August 14, 2000, 17:14 Local	Registration:	N2968Z
Aircraft:	Piper PA-22-150	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The pilot bounced the landing. Full rudder deflection did not prevent the airplane from veering off the runway, and onto a grassy area during the subsequent landing roll. Once off the runway, the airplane ground looped. Winds, recorded at the airport approximately 20 minutes before the accident, were calm.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's improper recovery from a bounced landing.

Findings

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

Findings

1. (C) RECOVERY FROM BOUNCED LANDING - IMPROPER - PILOT IN COMMAND

Factual Information

On August 14, 2000, at 1714 Eastern Daylight Time, a Piper PA-22-150, N2968Z, was substantially damaged when it ground looped at Bolton Field (TZR), Columbus, Ohio. The certificated private pilot was not injured, and visual meteorological conditions prevailed at the time of the accident. No flight plan had been filed for the local flight, conducted under 14 CFR Part 91.

According to a Federal Aviation Administration (FAA) inspector, the accident occurred on Runway 22.

The pilot reported that he bounced the landing, and that the airplane turned into the wind. Full rudder deflection could not prevent the airplane from veering off the runway. Once off the runway, and onto a grassy area, the airplane ground looped.

Winds, recorded at the airport approximately 20 minutes before the accident, were calm.

Pilot Information

Certificate:	Private	Age:	42,U
Airplane Rating(s):	Single-engine land	Seat Occupied:	Left
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 Valid Medical-w/ waivers/lim	Last FAA Medical Exam:	April 29, 1999
Occupational Pilot:	UNK	Last Flight Review or Equivalent:	
Flight Time:	611 hours (Total, all aircraft), 12 hours (Last 90 days, all aircraft), 12 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Piper	Registration:	N2968Z
Model/Series:	PA-22-150 PA-22-150	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	22-6943
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:	March 22, 2000 Annual	Certified Max Gross Wt.:	2000 lbs
Time Since Last Inspection:	20 Hrs	Engines:	1 Reciprocating
Airframe Total Time:	2030 Hrs	Engine Manufacturer:	Lycoming
ELT:	Installed, not activated	Engine Model/Series:	O-320
Registered Owner:	LUKE J. POLCZINSKI	Rated Power:	150 Horsepower
Operator:		Operating Certificate(s) Held:	None
Operator Does Business As:		Operator Designator Code:	

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	TZR, 905 ft msl	Distance from Accident Site:	
Observation Time:	16:51 Local	Direction from Accident Site:	
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	/	Turbulence Type Forecast/Actual:	/
Wind Direction:	0°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	28°C / 16°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	(TZR)	Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	16:30 Local	Type of Airspace:	Class D

Airport Information

Airport:	BOLTON FIELD TZR	Runway Surface Type:	Asphalt
Airport Elevation:	905 ft msl	Runway Surface Condition:	Dry
Runway Used:	22	IFR Approach:	None
Runway Length/Width:	5199 ft / 100 ft	VFR Approach/Landing:	Full stop;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:	39.980457,-82.980857(est)

Administrative Information

Investigator In Charge (IIC):	Cox, Paul
Additional Participating Persons:	JERRY WOMACK; COLUMBUS, OH
Original Publish Date:	March 2, 2001
Last Revision Date:	
Investigation Class:	Class
Note:	
Investigation Docket:	https://data.ntsb.gov/Docket?ProjectID=51285

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