



National Transportation Safety Board Aviation Accident Factual Report

Location:	Willard, MO	Accident Number:	CHI05CA208
Date & Time:	08/01/2005, 1830 CDT	Registration:	N6846J
Aircraft:	Piper PA-28-181	Aircraft Damage:	Substantial
Defining Event:		Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

On August 1, 2005, at 1830 central daylight time, a Piper PA-28-181, N6846J, sustained substantial damage when it veered off the end of the runway, impacted a utility pole, and nosed over during landing on runway 36 (1,800 feet by 75 feet, grass) at the Bird Field Airport (2MO1), near Willard, Missouri. The private pilot and passenger were not injured. The Title 14 Code of Federal Regulations Part 91 personal flight departed the Springfield Regional Airport (SGF), Springfield, Missouri, at 1825 and was landing at 2MO1. Visual meteorological conditions prevailed at the time of the accident. No flight plan was filed.

The pilot reported that on final approach the airplane was configured with two notches of flaps with 80 mph airspeed. The pilot reported that the airplane touched down in the first one-third of the runway and he applied brakes. The pilot reported, "The end of the runway was coming at me very fast it appeared so I applied a burst of power to initiate a 'go-around.' I noted power lines off the end of the runway that would be an obstacle to a successful go-around. I was not yet airborne so I rejected the go-around and initiated heavy braking." The airplane went off the end of the runway and veered to the right, impacting a utility pole. The airplane nosed over, and the pilot and passenger exited through a popped out windshield.

The pilot reported the following: "Cause and prevention. Density altitude 96 degree F, affected the landing ground roll adversely. And I should have been a few miles an hour slower on the approach, which would have me touching down on the first one-fourth of the runway, for a controllable ground roll." The pilot reported that the approach speed noted in the Pilot Operating Handbook was 76 mph.

Pilot Information

Certificate:	Private	Age:	77, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	Airplane	Second Pilot Present:	
Instructor Rating(s):	None	Toxicology Performed:	
Medical Certification:	Class 3	Last FAA Medical Exam:	11/01/2003
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	1582 hours (Total, all aircraft), 543 hours (Total, this make and model), 28 hours (Last 90 days, all aircraft), 5 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Piper	Registration:	N6846J
Model/Series:	PA-28-181	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal; Utility	Serial Number:	28-7690407
Landing Gear Type:	Tricycle	Seats:	
Date/Type of Last Inspection:		Certified Max Gross Wt.:	2550 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:		Engine Manufacturer:	Lycoming
ELT:		Engine Model/Series:	O-360-A4M
Registered Owner:	Hedgehoppers Flying Club Inc.	Rated Power:	180 hp
Operator:	Hedgehoppers Flying Club Inc.	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:		Distance from Accident Site:	
Observation Time:		Direction from Accident Site:	
Lowest Cloud Condition:		Visibility	
Lowest Ceiling:		Visibility (RVR):	
Wind Speed/Gusts:	/	Turbulence Type Forecast/Actual:	/
Wind Direction:		Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	
Precipitation and Obscuration:			
Departure Point:	Springfield, MO (SGF)	Type of Flight Plan Filed:	None
Destination:	Willard, MO (2M01)	Type of Clearance:	None
Departure Time:	1825 CDT	Type of Airspace:	

Airport Information

Airport:	Bird Field Airport (2M01)	Runway Surface Type:	
Airport Elevation:		Runway Surface Condition:	
Runway Used:	36	IFR Approach:	None
Runway Length/Width:		VFR Approach/Landing:	

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	1 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	
Total Injuries:	2 None	Latitude, Longitude:	37.320000, -93.419722

Administrative Information

Investigator In Charge (IIC):	Jim Silliman
Additional Participating Persons:	
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	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 pubinquiry@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .