



# National Transportation Safety Board Aviation Accident Factual Report

<b>Location:</b>	Alton, IL	<b>Accident Number:</b>	CHI07CA054
<b>Date &amp; Time:</b>	01/03/2007, 1251 CST	<b>Registration:</b>	N364MA
<b>Aircraft:</b>	Cessna 172S	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Instructional		

The airplane impacted a runway sign during an attempted aborted landing. The student pilot reported that the accident flight was her first solo flight. The pilot stated that the intent of the flight was to perform touch and goes on runway 17 (6,500 feet by 100 feet, dry asphalt). The pilot reported that during her first landing attempt she began her flare "too early, bounced hard and ballooned." The pilot stated that she maintained "pitch attitude and added a little throttle" to recover from the bounced landing. The pilot reported that she bounced a second time and went off the left side of the runway. The pilot stated that "there was no salvaging the landing" and that the airplane was headed directly toward a runway sign. The right landing gear impacted the runway sign as the pilot attempted to abort the landing. The airplane came to rest in a grassy area off the left side of runway 17. The reported winds were 180 degrees magnetic at 10 knots with no gusts.

## Student Pilot Information

<b>Certificate:</b>	Student	<b>Age:</b>	36, Female
<b>Airplane Rating(s):</b>	None	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	Seatbelt, Shoulder harness
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 3 With Waivers/Limitations	<b>Last FAA Medical Exam:</b>	10/01/2006
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	40 hours (Total, all aircraft), 40 hours (Total, this make and model), 1 hours (Pilot In Command, all aircraft), 35 hours (Last 90 days, all aircraft), 20 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N364MA
Model/Series:	172S	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Utility	Serial Number:	172S8007
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	12/01/2006, 100 Hour	Certified Max Gross Wt.:	2550 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	4096.7 Hours as of last inspection	Engine Manufacturer:	Lycoming
ELT:	Installed, not activated	Engine Model/Series:	IO-360-L2A
Registered Owner:	BLP Investments, LTD.	Rated Power:	180 hp
Operator:	Langa Air Services	Operating Certificate(s) Held:	None

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	ALN, 544 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	1251 CST	Direction from Accident Site:	0°
Lowest Cloud Condition:		Visibility	10 Miles
Lowest Ceiling:	Broken / 15000 ft agl	Visibility (RVR):	
Wind Speed/Gusts:	10 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	180°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30.16 inches Hg	Temperature/Dew Point:	8°C / 0°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Alton, IL (ALN)	Type of Flight Plan Filed:	None
Destination:	Alton, IL (ALN)	Type of Clearance:	VFR
Departure Time:	1245 CST	Type of Airspace:	

## Airport Information

Airport:	St. Louis Regional Airport (ALN)	Runway Surface Type:	Asphalt
Airport Elevation:	544 ft	Runway Surface Condition:	Dry
Runway Used:	17	IFR Approach:	None
Runway Length/Width:	6500 ft / 100 ft	VFR Approach/Landing:	Touch and Go; Traffic Pattern

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 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
<b>Total Injuries:</b>	1 None	<b>Latitude, Longitude:</b>	38.890278, -90.046111

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Andrew T Fox
<b>Additional Participating Persons:</b>	Phil Dixon; Federal Aviation Administration; St. Ann, MO
<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:pubinquiry@ntsb.gov">pubinquiry@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> .