



# National Transportation Safety Board Aviation Accident Data Summary

<b>Location:</b>	Page, AZ	<b>Accident Number:</b>	WPR09LA480
<b>Date &amp; Time:</b>	07/01/2009, 0930 MST	<b>Registration:</b>	N1055V
<b>Aircraft:</b>	CESSNA R172K	<b>Injuries:</b>	3 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

## Analysis

The pilot reported that during a landing, the airplane touched down hard and bounced about 10 feet into the air. During the second bounce, the airplane flew in a nose-high pitch attitude until the airspeed bled off, then the airplane touched down hard a third time. The pilot taxied to the ramp and requested that a local mechanic inspect the airplane for obvious evidence of external damage. The mechanic accomplished an external inspection without looking inside the airplane or removing the engine's cowling and reported no obvious external damage. The pilot continued her cross-country flight and, a few days later, concluded the flight and returned the airplane to the fixed base operator. Several days after that, it was determined that the firewall had been substantially damaged, consistent with a hard landing accident.

## Flight Events

Landing-flare/touchdown - Abnormal runway contact  
Landing-flare/touchdown - Hard landing

## Probable Cause

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

## Findings

Aircraft-Aircraft oper/perf/capability-Performance/control parameters-Landing flare-Incorrect use/operation - C

Personnel issues-Task performance-Use of equip/info-Aircraft control-Pilot - C

## Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	33
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Instrument Rating(s):</b>	None
<b>Other Aircraft Rating(s):</b>	None	<b>Instructor Rating(s):</b>	None
<b>Flight Time:</b>	194 hours (Total, all aircraft), 21 hours (Total, this make and model), 36 hours (Pilot In Command, all aircraft), 22 hours (Last 90 days, all aircraft), 12 hours (Last 30 days, all aircraft), 5 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Manufacturer:</b>	CESSNA	<b>Registration:</b>	N1055V
<b>Model/Series:</b>	R172K	<b>Engines:</b>	1 Reciprocating
<b>Operator:</b>	Spitfire Aviation, Inc.	<b>Engine Manufacturer:</b>	Continental
<b>Air Carrier Operating Certificate:</b>	None	<b>Engine Model/Series:</b>	IO-360-K
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

## Meteorological Information and Flight Plan

<b>Observation Facility, Elevation:</b>	PGA, 4316 ft msl	<b>Weather Information Source:</b>	Pilot
<b>Conditions at Accident Site:</b>	Visual Conditions	<b>Lowest Ceiling:</b>	None
<b>Condition of Light:</b>	Day	<b>Wind Speed/Gusts, Direction:</b>	Calm
<b>Temperature:</b>	31°C / 3°C	<b>Visibility</b>	10 Miles
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	Kingman, AZ (IGM)	<b>Destination:</b>	Page, AZ (PGA)

## Airport Information

<b>Airport:</b>	Page Municipal (PGA)	<b>Runway Surface Type:</b>	Asphalt
<b>Runway Used:</b>	15	<b>Runway Surface Condition:</b>	Dry
<b>Runway Length/Width:</b>	5950 ft / 150 ft		

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	2 None	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Wayne R Pollack	<b>Adopted Date:</b>	06/28/2012
<b>Investigation Docket:</b>	<a href="http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=75132">http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=75132</a>		

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The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report.