



# Aviation Investigation Final Report

<b>Location:</b>	Greer, Arizona	<b>Accident Number:</b>	WPR11CA357
<b>Date &amp; Time:</b>	July 23, 2011, 10:10 Local	<b>Registration:</b>	N9402B
<b>Aircraft:</b>	Cessna 175	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>	Hard landing	<b>Injuries:</b>	2 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

The pilot reported that he planned to make a touch-and-go landing on a forest service road. He reported that the airplane touched down on the dirt road and bounced twice. After a second bounce, he applied power in an attempt to take off, but the airplane’s nose gear collapsed. The airplane sustained substantial damage to the left wing and forward fuselage. The pilot reported no mechanical malfunctions or failures with the airplane that would have precluded normal operation.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot’s improper flare and inadequate recovery from a bounced landing which resulted in a nose gear collapse.

## Findings

<b>Aircraft</b>	Landing flare - Incorrect use/operation
<b>Personnel issues</b>	Incorrect action performance - Pilot
<b>Personnel issues</b>	Aircraft control - Pilot

## Factual Information

### History of Flight

Landing	Abnormal runway contact
Landing	Hard landing (Defining event)
Landing	Landing gear collapse

### Pilot Information

Certificate:	Private	Age:	55, Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Right
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 3 With waivers/limitations	Last FAA Medical Exam:	October 26, 2010
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:	3562 hours (Total, all aircraft), 191 hours (Total, this make and model), 16 hours (Last 90 days, all aircraft), 16 hours (Last 30 days, all aircraft)		

### Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N9402B
Model/Series:	175	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal; Utility	Serial Number:	55202
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	Annual	Certified Max Gross Wt.:	2350 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:		Engine Manufacturer:	LYCOMING
ELT:	Installed, not activated	Engine Model/Series:	O-360 SER
Registered Owner:	WALLER WILLIAM C	Rated Power:	180 Horsepower
Operator:	WALLER WILLIAM C	Operating Certificate(s) Held:	None

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual (VMC)	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>		<b>Distance from Accident Site:</b>	
<b>Observation Time:</b>		<b>Direction from Accident Site:</b>	
<b>Lowest Cloud Condition:</b>	Clear	<b>Visibility</b>	75 miles
<b>Lowest Ceiling:</b>	None	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	/	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>		<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>		<b>Temperature/Dew Point:</b>	
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	Show Low, AZ (SOW )	<b>Type of Flight Plan Filed:</b>	Unknown
<b>Destination:</b>	Greer, AZ	<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	09:35 Local	<b>Type of Airspace:</b>	

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	1 None	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	2 None	<b>Latitude, Longitude:</b>	33.997776,-109.431663(est)

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Hogenson, Dennis
<b>Additional Participating Persons:</b>	Daniel K Gilligan; FAA FSDO; Scottsdale, AZ
<b>Original Publish Date:</b>	October 20, 2011
<b>Last Revision Date:</b>	
<b>Investigation Class:</b>	<a href="#">Class</a>
<b>Note:</b>	This accident report documents the factual circumstances of this accident as described to the NTSB.
<b>Investigation Docket:</b>	<a href="https://data.nts.gov/Docket?ProjectID=81356">https://data.nts.gov/Docket?ProjectID=81356</a>

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