



# National Transportation Safety Board

## Aviation Accident Data Summary

<b>Location:</b>	Dinsmore, CA	<b>Accident Number:</b>	WPR12LA090
<b>Date &amp; Time:</b>	02/03/2012, 1230 PST	<b>Registration:</b>	N3879S
<b>Aircraft:</b>	CESSNA 172E	<b>Injuries:</b>	1 Serious, 1 Minor
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Instructional		

### Analysis

According to postaccident statements from both pilots, the flight instructor took control of the airplane from the student pilot either at touchdown or just before. The airplane bounced several times after touchdown while veering to the right, and the right main wheel rolled off the 48-foot wide runway into the grass. The flight instructor added full engine power to go around. The flight instructor stated that he pulled back on the yoke to try to clear the trees beyond the end of the runway, and the airplane stalled and hit the ground. After the airplane's right wing tip contacted the ground, the airplane reversed direction and came to a stop. Shortly after the airplane came to rest, a postimpact fire began, which consumed the airplane. The student pilot, who was the airplane owner, reported no preimpact mechanical malfunctions or failures with the airplane that would have precluded normal operation.

### Flight Events

- Landing-flare/touchdown - Hard landing
- Landing-aborted after touchdown - Attempted remediation/recovery
- Landing-aborted after touchdown - Loss of control on ground
- Landing-aborted after touchdown - Nose over/nose down

### Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The flight instructor's delayed remedial action, inadequate recovery from a bounced landing, and failure to attain/maintain adequate airspeed during an attempted go-around.

### Findings

- Aircraft-Aircraft oper/perf/capability-Performance/control parameters-Landing flare-Not attained/maintained - C
- Aircraft-Aircraft oper/perf/capability-Performance/control parameters-Airspeed-Not attained/maintained - C
- Personnel issues-Task performance-Use of equip/info-Aircraft control-Instructor/check pilot - C

### Flight Instructor Information

<b>Certificate:</b>	Flight Instructor; Commercial	<b>Age:</b>	65
<b>Airplane Rating(s):</b>	Multi-engine Land; Single-engine Land	<b>Instrument Rating(s):</b>	Airplane
<b>Other Aircraft Rating(s):</b>	None	<b>Instructor Rating(s):</b>	Airplane Multi-engine; Airplane Single-engine; Instrument Airplane
<b>Flight Time:</b>	(Estimated) 3000 hours (Total, all aircraft)		

## Student Pilot Information

<b>Certificate:</b>	Student	<b>Age:</b>	29
<b>Airplane Rating(s):</b>	None	<b>Instrument Rating(s):</b>	None
<b>Other Aircraft Rating(s):</b>	None	<b>Instructor Rating(s):</b>	None
<b>Flight Time:</b>	40 hours (Total, all aircraft), 32 hours (Total, this make and model), 12 hours (Last 90 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Manufacturer:</b>	CESSNA	<b>Registration:</b>	N3879S
<b>Model/Series:</b>	172E	<b>Engines:</b>	1 Reciprocating
<b>Operator:</b>	On file	<b>Engine Manufacturer:</b>	CONT MOTOR
<b>Air Carrier Operating Certificate:</b>	None	<b>Engine Model/Series:</b>	O-300-D
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Instructional		

## Meteorological Information and Flight Plan

<b>Observation Facility, Elevation:</b>		<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>	Light and Variable, Variable
<b>Temperature:</b>	16°C	<b>Visibility</b>	10 Miles
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	Garberville, CA (O16)	<b>Destination:</b>	Dinsmore, CA (D63)

## Airport Information

<b>Airport:</b>	Dinsmore (D63)	<b>Runway Surface Type:</b>	Asphalt
<b>Runway Used:</b>	27	<b>Runway Surface Condition:</b>	Dry
<b>Runway Length/Width:</b>	2510 ft / 48 ft		

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 Serious, 1 Minor	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	N/A	<b>Aircraft Fire:</b>	On-Ground
<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>	02/14/2013
<b>Investigation Docket:</b>	<a href="http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=82812">http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=82812</a>		

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