



# National Transportation Safety Board Aviation Accident Data Summary

<b>Location:</b>	DOUGLAS BISBEE, AZ	<b>Accident Number:</b>	GAA16CA043
<b>Date &amp; Time:</b>	11/02/2015, 0830 MST	<b>Registration:</b>	N1706R
<b>Aircraft:</b>	CESSNA 182	<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Instructional		

## Analysis

The student pilot reported that he was performing a touch and go and his landing was "normal." As he applied power for takeoff, the airplane veered to the left and he responded by applying right rudder. The airplane continued to the left, departed the runway, and collided with a bush which caused the left main landing gear to collapse. The fuselage and left elevator sustained substantial damage. The pilot stated there were no mechanical malfunctions or failures with the airplane that would have precluded normal operation.

## Flight Events

Takeoff - Loss of control on ground  
Takeoff - Runway excursion  
Takeoff - Part(s) separation from AC  
Takeoff - Collision with terr/obj (non-CFIT)

## Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The student pilot's loss of directional control during takeoff, which resulted in a runway excursion, left main landing gear collapse, and a collision with terrain.

## Findings

Aircraft-Aircraft oper/perf/capability-Performance/control parameters-Directional control-Not attained/maintained - C  
Personnel issues-Task performance-Use of equip/info-Aircraft control-Pilot - C  
Environmental issues-Physical environment-Object/animal/substance-(general)-Effect on equipment

## Student Pilot Information

<b>Certificate:</b>	Student	<b>Age:</b>	72
<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>	(Estimated) 60 hours (Total, all aircraft), 40 hours (Total, this make and model)		

## Aircraft and Owner/Operator Information

<b>Aircraft Manufacturer:</b>	CESSNA	<b>Registration:</b>	N1706R
<b>Model/Series:</b>	182 R	<b>Engines:</b>	1 Reciprocating
<b>Operator:</b>	On file	<b>Engine Manufacturer:</b>	LYCOMING
<b>Air Carrier Operating Certificate:</b>	None	<b>Engine Model/Series:</b>	O-540
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Instructional		

## Meteorological Information and Flight Plan

<b>Observation Facility, Elevation:</b>	KDUG, 4150 ft msl	<b>Weather Information Source:</b>	Weather Observation Facility
<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>	13°C / 5°C	<b>Visibility</b>	10 Miles
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	DOUGLAS BISBEE, AZ (DUG)	<b>Destination:</b>	DOUGLAS BISBEE, AZ (DUG)

## Airport Information

<b>Airport:</b>	BISBEE DOUGLAS INTL (DUG)	<b>Runway Surface Type:</b>	Asphalt
<b>Runway Used:</b>	17	<b>Runway Surface Condition:</b>	Dry
<b>Runway Length/Width:</b>	6430 ft / 100 ft		

## 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

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Adam M Gerhardt	<b>Adopted Date:</b>	01/15/2016
<b>Note:</b>	This accident report documents the factual circumstances of this accident as described to the NTSB.		
<b>Investigation Docket:</b>	<a href="http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=92293">http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=92293</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.