



# National Transportation Safety Board Aviation Accident Final Report

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<b>Location:</b>	New Albany, MS	<b>Accident Number:</b>	GAA16CA414
<b>Date &amp; Time:</b>	08/02/2016, 1000 CDT	<b>Registration:</b>	N50945
<b>Aircraft:</b>	CESSNA 150	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>	Abnormal runway contact	<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

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## Analysis

The pilot reported that during landing the airplane's nose wheel impacted the runway first and the axle broke. The pilot further reported that the airplane continued to slide on the runway bending the nose wheel strut, which resulted in substantial damage to the airplane's firewall.

The pilot reported that there were no pre impact mechanical failures or malfunctions with the airframe or engine 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 failure to maintain an appropriate pitch attitude during landing, which resulted in an initial nose wheel contact, followed by a nose gear collapse, and the airplane came to rest in a nose down position.

## Findings

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<b>Aircraft</b>	Pitch control - Not attained/maintained (Cause)
<b>Personnel issues</b>	Aircraft control - Pilot (Cause)

## Factual Information

### History of Flight

<b>Landing</b>	Abnormal runway contact (Defining event) Landing gear collapse Nose over/nose down
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### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	70, Male
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	Lap Only
<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 2 With Waivers/Limitations	<b>Last Medical Exam:</b>	09/10/2015
<b>Occupational Pilot:</b>	No	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	(Estimated) 141.1 hours (Total, all aircraft), 6.3 hours (Total, this make and model), 2.3 hours (Last 90 days, all aircraft), 2.3 hours (Last 30 days, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Manufacturer:</b>	CESSNA	<b>Registration:</b>	N50945
<b>Model/Series:</b>	150 J	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>	1968	<b>Amateur Built:</b>	No
<b>Airworthiness Certificate:</b>	Normal; Utility	<b>Serial Number:</b>	15069665
<b>Landing Gear Type:</b>	Tricycle	<b>Seats:</b>	2
<b>Date/Type of Last Inspection:</b>	09/01/2015, Annual	<b>Certified Max Gross Wt.:</b>	1601 lbs
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>		<b>Engine Manufacturer:</b>	CONT MOTOR
<b>ELT:</b>	Not installed	<b>Engine Model/Series:</b>	O-200 A
<b>Registered Owner:</b>	On file	<b>Rated Power:</b>	100 hp
<b>Operator:</b>	On file	<b>Air Carrier Operating Certificate:</b>	None

## Meteorological Information and Flight Plan

Observation Facility, Elevation:	KTUP, 361 ft msl	Observation Time:	1453 UTC
Distance from Accident Site:	21 Nautical Miles	Condition of Light:	Day
Direction from Accident Site:	144°	Conditions at Accident Site:	Visual Conditions
Lowest Cloud Condition:	Clear	Temperature/Dew Point:	33°C / 23°C
Lowest Ceiling:	None	Visibility	10 Miles
Wind Speed/Gusts, Direction:	7 knots, 280°	Visibility (RVR):	
Altimeter Setting:	30.09 inches Hg	Visibility (RVV):	
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	New Albany, MS (M72)	Type of Flight Plan Filed:	None
Destination:	New Albany, MS (M72)	Type of Clearance:	None
Departure Time:	0945 CDT	Type of Airspace:	Class G

## Airport Information

Airport:	NEW ALBANY-UNION CO (M72)	Runway Surface Type:	Asphalt
Airport Elevation:	412 ft	Runway Surface Condition:	Dry
Runway Used:	36	IFR Approach:	None
Runway Length/Width:	3903 ft / 75 ft	VFR Approach/Landing:	Full Stop; Traffic Pattern

## Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 None		

## Administrative Information

Investigator In Charge (IIC):	Eric A Swenson	Adopted Date:	10/27/2016
Additional Participating Persons:	Allan Crabbe; FAA; Jackson, MS		
Publish Date:	10/27/2016		
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	<a href="http://dms.ntsb.gov/pubdms/search/dockList.cfm?mKey=93760">http://dms.ntsb.gov/pubdms/search/dockList.cfm?mKey=93760</a>		

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