



# National Transportation Safety Board Aviation Accident Final Report

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<b>Location:</b>	Lapeer, MI	<b>Accident Number:</b>	GAA16CA123
<b>Date &amp; Time:</b>	02/01/2016, 1400 EST	<b>Registration:</b>	N6960F
<b>Aircraft:</b>	CESSNA 150	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>	Miscellaneous/other	<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

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## Analysis

The owner of the airplane reported that the solo student pilot told him that the airplane "bounced upon touchdown." He further reported that the solo student pilot executed a "go-around," and "determined the climb out rate was insufficient to clear the trees and the airspeed and altitude were insufficient to permit a safe course adjustment to avoid the tree line." The airplane touched down on a field with "plowed soft soil," the nose wheel collapsed, and the airplane nosed over. The airplane sustained substantial damage to the right wing, the vertical stabilizer, and the rudder.

The owner did not report any preimpact 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 student pilot's failure to achieve an adequate climb rate while turning to avoid obstacles during an aborted landing, resulting in an uncontrolled descent, collision with terrain, and a nose over.

## Findings

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<b>Aircraft</b>	Climb rate - Not attained/maintained (Cause)
<b>Personnel issues</b>	Aircraft control - Student pilot (Cause)

## Factual Information

### History of Flight

Landing-flare/touchdown	Abnormal runway contact
Landing-aborted after touchdown	Attempted remediation/recovery Miscellaneous/other (Defining event)
Uncontrolled descent	Attempted remediation/recovery
Landing	Collision during takeoff/land Nose over/nose down

### Student Pilot Information

Certificate:	Student	Age:	30, Male
Airplane Rating(s):	None	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 With Waivers/Limitations	Last Medical Exam:	01/07/2016
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:	(Estimated) 16.2 hours (Total, all aircraft), 16.2 hours (Total, this make and model), 1.4 hours (Pilot In Command, all aircraft), 16.2 hours (Last 90 days, all aircraft), 7.3 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

Aircraft Manufacturer:	CESSNA	Registration:	N6960F
Model/Series:	150 F	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Utility	Serial Number:	15063560
Landing Gear Type:	Tricycle	Seats:	2
Date/Type of Last Inspection:	04/13/2015, Annual	Certified Max Gross Wt.:	1600 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	5580 Hours	Engine Manufacturer:	Continental
ELT:	C91 installed, not activated	Engine Model/Series:	O-200
Registered Owner:	Ronald O. Holcomb, LLC.	Rated Power:	100 hp
Operator:	Ronald O. Holcomb, LLC.	Air Carrier Operating Certificate:	None

## Meteorological Information and Flight Plan

Observation Facility, Elevation:	KD95, 834 ft msl	Observation Time:	1853 UTC
Distance from Accident Site:	0 Nautical Miles	Condition of Light:	Day
Direction from Accident Site:	93°	Conditions at Accident Site:	Visual Conditions
Lowest Cloud Condition:	Clear	Temperature/Dew Point:	7°C / -1°C
Lowest Ceiling:	None	Visibility	10 Miles
Wind Speed/Gusts, Direction:	7 knots, 260°	Visibility (RVR):	
Altimeter Setting:	29.98 inches Hg	Visibility (RVV):	
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Lapeer, MI (D95)	Type of Flight Plan Filed:	None
Destination:	Lapeer, MI (D95)	Type of Clearance:	None
Departure Time:	1350 EST	Type of Airspace:	Class G

## Airport Information

Airport:	DUPONT-LAPEER (D95)	Runway Surface Type:	Dirt
Airport Elevation:	834 ft	Runway Surface Condition:	Dry; Soft
Runway Used:	18	IFR Approach:	None
Runway Length/Width:	3605 ft / 50 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):	Michael J Hodges	Adopted Date:	03/14/2016
Additional Participating Persons:	Daryl L Bentley; FAA East Michigan FSDO; Belleville, MI		
Publish Date:	03/14/2016		
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	<a href="http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=92706">http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=92706</a>		

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