



National Transportation Safety Board Aviation Accident Data Summary

Location:	Lapeer, MI	Accident Number:	GAA16CA123
Date & Time:	02/01/2016, 1400 EST	Registration:	N6960F
Aircraft:	CESSNA 150	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

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.

Flight Events

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

Probable Cause

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

Aircraft-Aircraft oper/perf/capability-Performance/control parameters-Climb rate-Not attained/maintained - C
Personnel issues-Task performance-Use of equip/info-Aircraft control-Student/instructed pilot - C

Student Pilot Information

Certificate:	Student	Age:	30
Airplane Rating(s):	None	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
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	Engines:	1 Reciprocating
Operator:	Ronald O. Holcomb, LLC.	Engine Manufacturer:	Continental
Air Carrier Operating Certificate:	None	Engine Model/Series:	O-200
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Observation Facility, Elevation:	KD95, 834 ft msl	Weather Information Source:	Weather Observation Facility
Conditions at Accident Site:	Visual Conditions	Lowest Ceiling:	None
Condition of Light:	Day	Wind Speed/Gusts, Direction:	7 knots, 260°
Temperature:	7°C / -1°C	Visibility	10 Miles
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Lapeer, MI (D95)	Destination:	Lapeer, MI (D95)

Airport Information

Airport:	DUPONT-LAPEER (D95)	Runway Surface Type:	Dirt
Runway Used:	18	Runway Surface Condition:	Dry; Soft
Runway Length/Width:	3605 ft / 50 ft		

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

Administrative Information

Investigator In Charge (IIC):	Michael J Hodges	Adopted Date:	03/14/2016
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=92706		

The National Transportation Safety Board (NTSB), established in 1967, is an independent federal agency mandated by Congress through the Independent Safety Board Act of 1974 to investigate transportation accidents, determine the probable causes of the accidents, issue safety recommendations, study transportation safety issues, and evaluate the safety effectiveness of government agencies involved in transportation. The NTSB makes public its actions and decisions through accident reports, safety studies, special investigation reports, safety recommendations, and statistical reviews.

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