



National Transportation Safety Board Aviation Accident Data Summary

Location:	Toccoa, GA	Accident Number:	ERA15CA002
Date & Time:	10/02/2014, 1800 EDT	Registration:	N6044W
Aircraft:	PIPER PA-28-140	Injuries:	1 Minor, 1 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

The flight instructor was conducting a biennial flight review for the private pilot\owner of the airplane. The private pilot departed from the 5,008-foot-long runway, performed a touch-and-go landing without incident, and entered the traffic pattern for a simulated short-field landing. While on short final, the airplane struck a berm that was located just prior to runway and sustained substantial damage to the landing gear and right wing. The flight instructor stated that he realized that the airplane was low and expected the private pilot to add engine power; however, he did not attempt to manipulate the flight controls or provide any verbal instructions. The private pilot stated that he also realized that the airplane was low, but did not react prior to contact with the ground. Both pilots indicated that they did not experience any preaccident malfunctions or failures of the airplane that would have precluded normal operation. The private pilot reported about 600 hours of total flight experience, which included about 475 hours in the same make and model as the accident airplane. The flight instructor reported about 3,430 hours of total flight experience, which included about 200 hours in the same make and model as the accident airplane.

Flight Events

Approach-VFR pattern final - Controlled flight into terr/obj (CFIT)

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The private pilot's failure to maintain proper altitude and the flight instructor's failure to provide correction action, which resulted in a collision with terrain during landing.

Findings

Aircraft-Aircraft oper/perf/capability-Performance/control parameters-Altitude-Not attained/maintained - C

Personnel issues-Task performance-Use of equip/info-Aircraft control-Pilot - C

Personnel issues-Action/decision-Action-Lack of action-Instructor/check pilot - C

Flight Instructor Information

Certificate:	Airline Transport; Flight Instructor	Age:	51
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	Airplane Single-engine
Flight Time:	3427 hours (Total, all aircraft), 200 hours (Total, this make and model), 3304 hours (Pilot In Command, all aircraft)		

Pilot Information

Certificate:	Private	Age:	67
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	592 hours (Total, all aircraft), 475 hours (Total, this make and model), 518 hours (Pilot In Command, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	PIPER	Registration:	N6044W
Model/Series:	PA-28-140	Engines:	1 Reciprocating
Operator:	On file	Engine Manufacturer:	LYCOMING
Air Carrier Operating Certificate:	None	Engine Model/Series:	O-320 SERIES
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Meteorological Information and Flight Plan

Observation Facility, Elevation:	TOC, 996 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:	3 knots, 190°
Temperature:	27°C / 16°C	Visibility	10 Miles
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Toccoa, GA (TOC)	Destination:	Toccoa, GA (TOC)

Airport Information

Airport:	TOCCOA RG LETOURNEAU FIELD (TOC)	Runway Surface Type:	Asphalt
Runway Used:	20	Runway Surface Condition:	Dry
Runway Length/Width:	5008 ft / 100 ft		

Wreckage and Impact Information

Crew Injuries:	1 Minor, 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):	Luke Schiada	Adopted Date:	01/12/2015
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=90200		

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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.

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.