



National Transportation Safety Board Aviation Accident Factual Report

Location:	Timberlake, NC	Accident Number:	GAA17CA206
Date & Time:	03/23/2017, 1530 EDT	Registration:	N3947R
Aircraft:	CESSNA 172	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

The solo student pilot reported that, during the landing flare he "felt a big push from behind", which resulted in a propeller strike and substantial damage to the fuselage.

The student pilot reported that there were no preaccident mechanical failures or malfunctions with the airplane that would have precluded normal operation.

A review of recorded data from the automated weather observation station located on the airport reported that, at the time of the accident, the wind was from 190° at 3 knots. The airplane landed on runway 6.

Student Pilot Information

Certificate:	Student	Age:	57, Male
Airplane Rating(s):	None	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Lap Only
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 With Waivers/Limitations	Last FAA Medical Exam:	06/22/2015
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:	(Estimated) 129 hours (Total, all aircraft), 28 hours (Total, this make and model), 11 hours (Pilot In Command, all aircraft), 13 hours (Last 90 days, all aircraft), 4 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N3947R
Model/Series:	172 H	Aircraft Category:	Airplane
Year of Manufacture:	1966	Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	17255447
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	02/27/2017, Annual	Certified Max Gross Wt.:	2300 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	2600 Hours at time of accident	Engine Manufacturer:	CONT MOTOR
ELT:	C126 installed, not activated	Engine Model/Series:	O-300-D
Registered Owner:	KELLY SITE DEVELOPMENT LLC.	Rated Power:	145 hp
Operator:	S&C Aviation of NC, LLC	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	KTDF, 609 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	1930 UTC	Direction from Accident Site:	230°
Lowest Cloud Condition:	Clear	Visibility	10 Miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	3 knots /	Turbulence Type Forecast/Actual:	/ None
Wind Direction:	190°	Turbulence Severity Forecast/Actual:	/ N/A
Altimeter Setting:	30.55 inches Hg	Temperature/Dew Point:	11° C / -7° C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Roxboro, NC (TDF)	Type of Flight Plan Filed:	None
Destination:	Roxboro, NC (TDF)	Type of Clearance:	None
Departure Time:	1515 EDT	Type of Airspace:	Class G

Airport Information

Airport:	PERSON COUNTY (TDF)	Runway Surface Type:	Asphalt
Airport Elevation:	608 ft	Runway Surface Condition:	Dry
Runway Used:	6	IFR Approach:	None
Runway Length/Width:	6005 ft / 100 ft	VFR Approach/Landing:	Touch and Go

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	Latitude, Longitude:	36.286389, -78.981944 (est)

Administrative Information

Investigator In Charge (IIC):	Jackie L Vanover
Additional Participating Persons:	Michael T Bevan; FAA; Baltimore, MD
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=94916