



National Transportation Safety Board Aviation Accident Factual Report

Location:	Clemson, SC	Accident Number:	GAA16CA478
Date & Time:	09/05/2016, 1230 EDT	Registration:	N451SW
Aircraft:	CESSNA 180	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

According to the pilot of the tailwheel-equipped airplane, prior to the takeoff roll he applied one notch of flaps and added power. He reported that just before rotation the airplane veered to the left and he could not keep the airplane on the runway. He reported that he aborted the takeoff, applied the brakes and the airplane exited the runway to the left and impacted a drainage culvert. The airplane sustained substantial damage to the left wing spar and ribs.

The pilot reported that there were no mechanical malfunctions or anomalies with any portion of the airplane during the preflight that would have prevented the normal flight operations.

The meteorological aerodrome report at the accident airport reported that the wind was out of 100 degrees true at 04 knots at the time of the accident. The pilot departed runway 25.

Pilot Information

Certificate:	Private	Age:	57, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	3-point
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:	12/03/2015
Occupational Pilot:	No	Last Flight Review or Equivalent:	11/01/2014
Flight Time:	(Estimated) 286 hours (Total, all aircraft), 4 hours (Total, this make and model), 10 hours (Last 90 days, all aircraft), 10 hours (Last 30 days, all aircraft), 4 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N451SW
Model/Series:	180 C	Aircraft Category:	Airplane
Year of Manufacture:	1960	Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	50885
Landing Gear Type:	Tailwheel	Seats:	4
Date/Type of Last Inspection:	07/14/2016, Continuous Airworthiness	Certified Max Gross Wt.:	2650 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	3888.4 Hours as of last inspection	Engine Manufacturer:	CONT MOTOR
ELT:	Installed, not activated	Engine Model/Series:	O-470
Registered Owner:	On file	Rated Power:	230 hp
Operator:	On file	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	KCEU, 891 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	1554 UTC	Direction from Accident Site:	212°
Lowest Cloud Condition:	Clear	Visibility	10 Miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	4 knots /	Turbulence Type Forecast/Actual:	/ None
Wind Direction:	100°	Turbulence Severity Forecast/Actual:	/ N/A
Altimeter Setting:	30.29 inches Hg	Temperature/Dew Point:	28° C / 17° C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Clemson, SC (CEU)	Type of Flight Plan Filed:	None
Destination:	South Boston, VA (3VG9)	Type of Clearance:	None
Departure Time:	1230 EDT	Type of Airspace:	Class G

Airport Information

Airport:	OCONEE COUNTY RGNL (CEU)	Runway Surface Type:	Asphalt
Airport Elevation:	890 ft	Runway Surface Condition:	Dry
Runway Used:	25	IFR Approach:	None
Runway Length/Width:	5000 ft / 100 ft	VFR Approach/Landing:	None

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:	34.672222, -82.885833 (est)

Administrative Information

Investigator In Charge (IIC):	Michael A Hicks
Additional Participating Persons:	David W Martin; FAA; Columbia, SC
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=93997