



National Transportation Safety Board Aviation Accident Factual Report

Location:	Crystal River, FL	Accident Number:	ERA20CA239
Date & Time:	07/02/2020, 1600 EDT	Registration:	N20131
Aircraft:	Beech 76	Aircraft Damage:	Substantial
Defining Event:	Loss of control on ground	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

The flight instructor was conducting a training flight with the private pilot in the multiengine airplane. The flight instructor said that shortly after the airplane began to accelerate down the runway, she pulled the left throttle to idle to simulate an engine failure on takeoff and the private pilot "froze." She told him to bring the engine power to idle and brake, which he did, but the airplane was already veering left. The flight instructor then took control of the airplane and shut off power to each engine, but the airplane exited the runway and impacted an embankment resulting in substantial damage to the fuselage. The private pilot said that he responded to the simulated engine failure by removing thrust on both engines, applying the brakes, and trying to maintain directional control; however, "Despite the measures taken, the plane skidded off the runway." The flight instructor reported that there were no preimpact mechanical malfunctions or failures with the airplane that would have precluded normal operation.

Flight Instructor Information

Certificate:	Flight Instructor; Commercial	Age:	37, Female
Airplane Rating(s):	Multi-engine Land; Single-engine Land; Single-engine Sea	Seat Occupied:	Right
Other Aircraft Rating(s):		Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):	Airplane Multi-engine; Airplane Single-engine	Toxicology Performed:	No
Medical Certification:	Class 1 Without Waivers/Limitations	Last FAA Medical Exam:	10/22/2019
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	06/17/2020
Flight Time:	1651 hours (Total, all aircraft), 231 hours (Total, this make and model)		

Pilot Information

Certificate:	Private	Age:	45, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	None	Second Pilot Present:	Yes
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 2 With Waivers/Limitations	Last FAA Medical Exam:	01/08/2020
Occupational Pilot:	No	Last Flight Review or Equivalent:	05/02/2020
Flight Time:	339 hours (Total, all aircraft), 7 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Make:	Beech	Registration:	N20131
Model/Series:	76 No Series	Aircraft Category:	Airplane
Year of Manufacture:	1978	Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	ME-82
Landing Gear Type:	Retractable - Tricycle	Seats:	4
Date/Type of Last Inspection:	04/17/2020, 100 Hour	Certified Max Gross Wt.:	3900 lbs
Time Since Last Inspection:	24 Hours	Engines:	2 Reciprocating
Airframe Total Time:	3968.1 Hours at time of accident	Engine Manufacturer:	Lycoming
ELT:	C91A installed, not activated	Engine Model/Series:	O-360-AIG6D
Registered Owner:	CAG Aircraft Holdings Llc	Rated Power:	180 hp
Operator:	On file	Operating Certificate(s) Held:	Pilot School (141)

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	CGC, 8 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	1635 EDT	Direction from Accident Site:	90°
Lowest Cloud Condition:	Clear	Visibility	10 Miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	8 knots / 14 knots	Turbulence Type Forecast/Actual:	None / None
Wind Direction:	270°	Turbulence Severity Forecast/Actual:	N/A / N/A
Altimeter Setting:	29.93 inches Hg	Temperature/Dew Point:	32° C / 24° C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Crystal River, FL (CGC)	Type of Flight Plan Filed:	None
Destination:	Crystal River, FL (CGC)	Type of Clearance:	None
Departure Time:	1600 EDT	Type of Airspace:	Class G

Airport Information

Airport:	Crystal River-Captain Tom Davi (CGC)	Runway Surface Type:	Asphalt
Airport Elevation:	8 ft	Runway Surface Condition:	Dry
Runway Used:	27	IFR Approach:	None
Runway Length/Width:	4557 ft / 75 ft	VFR Approach/Landing:	None

Wreckage and Impact Information

Crew Injuries:	2 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 None	Latitude, Longitude:	28.870000, -82.570000 (est)

Administrative Information

Investigator In Charge (IIC):	Leah D Read
Additional Participating Persons:	Timothy Annis; FAA/FSDO; Tampa, FL
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=101552