



National Transportation Safety Board Aviation Accident Factual Report

Location:	Frankfort, KY	Accident Number:	ERA19TA105
Date & Time:	02/21/2019, 1026 EST	Registration:	N7KY
Aircraft:	Beech 76	Aircraft Damage:	Substantial
Defining Event:	Loss of control in flight	Injuries:	1 Minor, 1 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

On February 21, 2019, about 1026 eastern standard time, a Beech 76 airplane, N7KY, collided with terrain during an aborted landing at Capital City Airport (FFT), Frankfort, Kentucky. The commercial pilot was not injured and a flight instructor incurred minor injuries. The airplane was substantially damaged. The airplane was operated by Nexgen Aviation LLC as a Title 14 Code of Federal Regulations Part 91 instructional flight. Day, visual meteorological conditions prevailed near the accident site, and no flight plan was filed. The flight originated at Blue Grass Airport (LEX), Lexington, Kentucky about 0910, and was destined for FFT.

The rated pilot in the left seat was receiving instruction to obtain a commercial multiengine rating. According to the flight instructor in the right seat, a practice localizer approach to runway 25 at FFT was requested and they received vectors for the approach. The instructor briefed for the pilot to perform a simulated left engine out approach to a full stop. The emergency single engine procedure was briefed, the landing gear were lowered and the flaps were confirmed up. The left engine was set to zero thrust. While over runway 25, at a point between the runway numbers and the 1,000 ft mark on the runway, about 20 feet above the landing surface, the pilot under instruction added power to the right engine while below minimum controllable airspeed. This occurred before the flight instructor could stop him. The airplane reacted quickly with a yaw and roll to the left. The airplane contacted the ground between the runway and parallel taxiway, continued across the taxiway, and down an embankment. The airplane came to rest about 150 ft from the taxiway and caught fire. Both pilots egressed the airplane and were met by first responders.

The pilot receiving instruction reported that he maneuvered the airplane to an extended final approach to runway 25. Once established on final, he noticed that the altitude was lower than the previous approach. Once he determined that he had the runway "made," he began to reduce power on the right engine. The aircraft "settled low," so he added right throttle to re-establish the glide path. In doing so, he did not add the required control inputs of aileron and rudder. The approach became unstable, and he announced, "go around" and moved the right throttle full forward. The airplane immediately entered an uncontrollable left yaw and roll and struck the ground in a left-wing low attitude. He later reported that there were no mechanical malfunctions or failures that would have precluded normal operation of the airplane.

Inspectors with the Federal Aviation Administration responded to the accident site and examined the wreckage. Both wings and the fuselage were structurally damaged from impact and the postaccident fire.

Student Pilot Information

Certificate:	Commercial; Private	Age:	27, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	Helicopter	Restraint Used:	3-point
Instrument Rating(s):	Airplane; Helicopter	Second Pilot Present:	Yes
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 1 Without Waivers/Limitations	Last FAA Medical Exam:	05/05/2018
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	11/21/2018
Flight Time:	639 hours (Total, all aircraft), 16 hours (Total, this make and model), 431 hours (Pilot In Command, all aircraft), 91 hours (Last 90 days, all aircraft), 29 hours (Last 30 days, all aircraft)		

Flight Instructor Information

Certificate:	Airline Transport; Flight Instructor; Commercial	Age:	76, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Right
Other Aircraft Rating(s):	None	Restraint Used:	3-point
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):	Airplane Multi-engine; Airplane Single-engine	Toxicology Performed:	No
Medical Certification:	Class 2 With Waivers/Limitations	Last FAA Medical Exam:	06/15/2018
Occupational Pilot:	Yes	Last Flight Review or Equivalent:	10/29/2018
Flight Time:	22189 hours (Total, all aircraft), 78 hours (Total, this make and model), 16312 hours (Pilot In Command, all aircraft), 25 hours (Last 90 days, all aircraft), 14 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Beech	Registration:	N7KY
Model/Series:	76 No Series	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	ME-139
Landing Gear Type:	Retractable - Tricycle	Seats:	4
Date/Type of Last Inspection:	01/31/2019, Annual	Certified Max Gross Wt.:	3900 lbs
Time Since Last Inspection:	17 Hours	Engines:	2 Reciprocating
Airframe Total Time:	8821 Hours at time of accident	Engine Manufacturer:	Lycoming
ELT:	Installed	Engine Model/Series:	O-360-A1G6D
Registered Owner:	Nexgen Aircraft Leasing Llc	Rated Power:	180 hp
Operator:	Nexgen Aviation LLC	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:	FFT, 812 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	2053 UTC	Direction from Accident Site:	
Lowest Cloud Condition:	Clear	Visibility	10 Miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	4 knots /	Turbulence Type Forecast/Actual:	None / None
Wind Direction:	310°	Turbulence Severity Forecast/Actual:	N/A / N/A
Altimeter Setting:	30.19 inches Hg	Temperature/Dew Point:	8° C / 0° C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Lexington, KY (LEX)	Type of Flight Plan Filed:	None
Destination:	Frankfort, KY (FFT)	Type of Clearance:	None
Departure Time:	0910 EST	Type of Airspace:	Class G

Airport Information

Airport:	Capital City Airport (FFT)	Runway Surface Type:	Asphalt
Airport Elevation:	812 ft	Runway Surface Condition:	Dry
Runway Used:	25	IFR Approach:	None
Runway Length/Width:	5506 ft / 100 ft	VFR Approach/Landing:	Full Stop

Wreckage and Impact Information

Crew Injuries:	1 Minor, 1 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	On-Ground
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 Minor, 1 None	Latitude, Longitude:	38.183056, -84.900000 (est)

Administrative Information

Investigator In Charge (IIC):	Ralph E Hicks
Additional Participating Persons:	Silvestro Mumfrey; FAA/FSDO; Louisville, KY
Note:	The NTSB did not travel to the scene of this accident.
Investigation Docket:	http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=99005