



Aviation Investigation Final Report

Location:	Simsbury, Connecticut	Accident Number:	ERA16CA308
Date & Time:	August 29, 2016, 18:00 Local	Registration:	N9352S
Aircraft:	Beech C23	Aircraft Damage:	Substantial
Defining Event:	Runway excursion	Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The student pilot reported that he was preparing for his private pilot check ride, and after about 90 minutes of flying, he approached the airport and entered the traffic pattern for runway 21, a 2,205-ft-long runway. The student pilot added that, while established on "short final," he chose to perform a go-around because he was not "comfortable" with the approach. On the second landing attempt, the airplane floated past the intended touchdown point before landing on the runway, and the student pilot was unable to stop the airplane before it went off the departure end. Subsequently, the airplane struck a perimeter fence and an embankment, which resulted in the nose landing gear collapsing and substantial damage to the fuselage and left wing. The student pilot reported no preimpact mechanical malfunctions or failures with the airplane that would have precluded normal operation. The winds reported at an airport 4 miles east of the accident location were from 320° at 7 knots.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

The student pilot's failure to attain the proper touchdown point, which resulted in a runway overrun.

Findings

Personnel issues	Decision making/judgment - Student/instructed pilot
Personnel issues	Aircraft control - Student/instructed pilot
Aircraft	Descent/approach/glide path - Not attained/maintained
Aircraft	Landing distance - Capability exceeded
Environmental issues	Fence/fence post - Contributed to outcome

Factual Information

History of Flight

Landing	Landing area overshoot
Landing-landing roll	Runway excursion (Defining event)
Landing-landing roll	Collision with terr/obj (non-CFIT)

Pilot Information

Certificate:	Student	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:	July 1, 2015
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:	78 hours (Total, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Beech	Registration:	N9352S
Model/Series:	C23 NO SERIES	Aircraft Category:	Airplane
Year of Manufacture:	1975	Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	M-1653
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	March 10, 2016 Annual	Certified Max Gross Wt.:	2450 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	2165 Hrs as of last inspection	Engine Manufacturer:	LYCOMING
ELT:	C91 installed, activated	Engine Model/Series:	O-360-A4J
Registered Owner:		Rated Power:	180 Horsepower
Operator:	On file	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	BDL	Distance from Accident Site:	4 Nautical Miles
Observation Time:	21:51 Local	Direction from Accident Site:	90°
Lowest Cloud Condition:	Few / 5000 ft AGL	Visibility	10 miles
Lowest Ceiling:	Broken / 25000 ft AGL	Visibility (RVR):	
Wind Speed/Gusts:	7 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	320°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	29°C / 16°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	MERIDEN, CT (MMK)	Type of Flight Plan Filed:	None
Destination:	SIMSBURY, CT (4B9)	Type of Clearance:	None
Departure Time:	17:30 Local	Type of Airspace:	Class G

Airport Information

Airport:	SIMSBURY 4B9	Runway Surface Type:	Asphalt
Airport Elevation:	195 ft msl	Runway Surface Condition:	Dry
Runway Used:	21	IFR Approach:	None
Runway Length/Width:	2205 ft / 50 ft	VFR Approach/Landing:	Traffic pattern

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 None	Latitude, Longitude:	41.913055,-72.778053

Administrative Information

Investigator In Charge (IIC):	Mccarter, Lawrence
Additional Participating Persons:	Robert J Lenert; FAA FSDO; Enfield, CT
Original Publish Date:	August 22, 2017
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=93932

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