



Aviation Investigation Final Report

Location:	West Liberty, Kentucky	Accident Number:	ERA12CA516
Date & Time:	August 19, 2012, 13:30 Local	Registration:	N4746J
Aircraft:	Beech A23-19	Aircraft Damage:	Substantial
Defining Event:	Runway excursion	Injuries:	1 Serious, 1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

According to the pilot, during the takeoff roll and initial climb, he thought he did not have enough airspeed to climb over a hill that was in the distance. He aborted the takeoff, landed the airplane, and attempted to stop the airplane before the end of the 2,400 foot-long runway. The airplane continued off of the departure end of the runway and collided with a ditch. A postaccident examination of the airplane revealed that it sustained substantial damage to both wings and the firewall. The pilot reported no preimpact mechanical malfunctions or failures with the airplane that would have precluded normal operation.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's delayed decision to abort a takeoff, which resulted in a runway excursion.

Findings

Personnel issues	Task monitoring/vigilance - Pilot
Personnel issues	Delayed action - Pilot

Factual Information

History of Flight

Takeoff-rejected takeoff	Runway excursion (Defining event)
Takeoff-rejected takeoff	Collision with terr/obj (non-CFIT)

Pilot Information

Certificate:	Private	Age:	63, Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 Without waivers/limitations	Last FAA Medical Exam:	December 23, 2010
Occupational Pilot:	No	Last Flight Review or Equivalent:	March 15, 2012
Flight Time:	335 hours (Total, all aircraft), 25 hours (Total, this make and model), 10 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Beech	Registration:	N4746J
Model/Series:	A23-19	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	MB-182
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	May 12, 2012 Annual	Certified Max Gross Wt.:	2400 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	683 Hrs as of last inspection	Engine Manufacturer:	LYCOMING
ELT:	C91 installed, not activated	Engine Model/Series:	O-320 SERIES
Registered Owner:	QUIRK JAMES M	Rated Power:	180 Horsepower
Operator:	QUIRK JAMES M	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	913,934 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	13:53 Local	Direction from Accident Site:	25°
Lowest Cloud Condition:	Few / 8000 ft AGL	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	/	Turbulence Type Forecast/Actual:	/
Wind Direction:		Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29.9 inches Hg	Temperature/Dew Point:	25°C / 16°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	West Liberty, KY (913)	Type of Flight Plan Filed:	None
Destination:	West Liberty, KY (913)	Type of Clearance:	None
Departure Time:	13:00 Local	Type of Airspace:	

Airport Information

Airport:	West Liberty Airport 913	Runway Surface Type:	Asphalt
Airport Elevation:	934 ft msl	Runway Surface Condition:	Dry
Runway Used:	25	IFR Approach:	None
Runway Length/Width:	2400 ft / 60 ft	VFR Approach/Landing:	None

Wreckage and Impact Information

Crew Injuries:	1 Serious	Aircraft Damage:	Substantial
Passenger Injuries:	1 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 Serious, 1 None	Latitude, Longitude:	37.908611,-83.251113(est)

Administrative Information

Investigator In Charge (IIC):	Alleyne, Eric
Additional Participating Persons:	Porter C Mayberry; FAA/FSDO; Louisville, KY
Original Publish Date:	December 11, 2012
Last Revision Date:	
Investigation Class:	Class
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=84735

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