



Aviation Investigation Final Report

Location:	Eureka Springs, Arkansas	Accident Number:	DFW06CA070
Date & Time:	December 29, 2005, 14:30 Local	Registration:	N2251L
Aircraft:	Beech C23	Aircraft Damage:	Substantial
Defining Event:		Injuries:	2 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The 304-hour private pilot reported the single-engine airplane began to swerve back and forth during the landing roll on runway 34. The pilot elected to abort the landing; however, during the takeoff roll the pilot realized he did not have sufficient airspeed for lift-off. The tricycle-gear-equipped airplane overran the departure end of the 1,900-foot long by 65-foot wide grass runway. The airplane continued down an embankment. The winds were reported as light and variable at the time of the accident. The pilot reported having accumulated a total of 46 hours in the same make and model of airplane. The pilot also reported that the accident could have been prevented by more training in short field landings in this make and model aircraft. The pilot did not report any mechanical malfunctions or anomalies with the airplane.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's failure to maintain directional control while landing and his delay in aborting the landing.

Findings

Occurrence #1: LOSS OF CONTROL - ON GROUND/WATER
Phase of Operation: LANDING - ROLL

Findings

1. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND

2. (C) ABORTED LANDING - DELAYED - PILOT IN COMMAND

Occurrence #2: OVERRUN

Phase of Operation: GO-AROUND (VFR)

Occurrence #3: ON GROUND/WATER COLLISION WITH OBJECT

Phase of Operation: TAKEOFF - ABORTED

Findings

3. TERRAIN CONDITION - DOWNHILL

Factual Information

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Pilot Information

Certificate:	Private	Age:	43, 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 2 With waivers/limitations	Last FAA Medical Exam:	August 1, 2004
Occupational Pilot:	No	Last Flight Review or Equivalent:	October 1, 2005
Flight Time:	304 hours (Total, all aircraft), 46 hours (Total, this make and model), 281 hours (Pilot In Command, all aircraft), 34 hours (Last 90 days, all aircraft), 16 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Beech	Registration:	N2251L
Model/Series:	C23	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal; Utility	Serial Number:	M-1896
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	May 1, 2005 Annual	Certified Max Gross Wt.:	2450 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	2199 Hrs at time of accident	Engine Manufacturer:	Lycoming
ELT:	Installed, not activated	Engine Model/Series:	O-360
Registered Owner:	On file	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:	HRO	Distance from Accident Site:	28 Nautical Miles
Observation Time:	14:25 Local	Direction from Accident Site:	108°
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	/	Turbulence Type Forecast/Actual:	/
Wind Direction:		Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29.78 inches Hg	Temperature/Dew Point:	12°C / 0°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Warren, AR (3M9)	Type of Flight Plan Filed:	None
Destination:	Eureka Springs, TX (5A5)	Type of Clearance:	None
Departure Time:	15:12 Local	Type of Airspace:	

Airport Information

Airport:	Silver Wings Field 5A5	Runway Surface Type:	Grass/turf
Airport Elevation:	1571 ft msl	Runway Surface Condition:	Dry
Runway Used:	34	IFR Approach:	None
Runway Length/Width:	1900 ft / 65 ft	VFR Approach/Landing:	Straight-in

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	1 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 None	Latitude, Longitude:	36.429721,-93.695556

Administrative Information

Investigator In Charge (IIC):	Lemishko, Alexander
Additional Participating Persons:	Errol Severe; Silver Wings Field - President; Eureka Springs, AR
Original Publish Date:	May 30, 2006
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=63219

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