



Aviation Investigation Final Report

Location:	Peyton, Colorado	Accident Number:	CEN13CA334
Date & Time:	June 9, 2013, 13:22 Local	Registration:	N1854P
Aircraft:	Beech C24R	Aircraft Damage:	Substantial
Defining Event:	Collision during takeoff/land	Injuries:	2 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

During takeoff, when the airplane reached the rotation speed, the pilot applied back pressure to the flight controls. When the airplane reached an altitude about 50 feet above the ground, the stall warning horn sounded, which is indicative of the airplane nearing the critical angle of attack. The pilot attempted to maintain airspeed and then executed a forced landing to a field straight ahead. The airplane touched down in the field, continued through a small wire fence, struck an embankment, and came to rest near a highway. The airplane received substantial damage to the wings and fuselage. The pilot reported a total of 6.1 hours in the airplane make/model and 71.4 hours in all aircraft. The pilot reported that there were no mechanical malfunctions or failures of the engine or airframe 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 failure to maintain proper pitch control during takeoff.

Findings

Personnel issues	Incorrect action performance - Pilot
Personnel issues	Total experience - Pilot

Factual Information

History of Flight

Initial climb	Stall warn/stick-shaker/pusher
Emergency descent	Off-field or emergency landing
Landing	Collision with terr/obj (non-CFIT)
Landing-landing roll	Collision during takeoff/land (Defining event)

Student pilot Information

Certificate:	Student	Age:	33, Male
Airplane Rating(s):	None	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:	October 30, 2012
Occupational Pilot:	No	Last Flight Review or Equivalent:	
Flight Time:	71 hours (Total, all aircraft), 6 hours (Total, this make and model), 71 hours (Pilot In Command, all aircraft), 22 hours (Last 90 days, all aircraft), 11 hours (Last 30 days, all aircraft), 0 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Beech	Registration:	N1854P
Model/Series:	C24R	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	MC-766
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	May 30, 2013 Annual	Certified Max Gross Wt.:	2750 lbs
Time Since Last Inspection:	3 Hrs	Engines:	1 Reciprocating
Airframe Total Time:	2350 Hrs at time of accident	Engine Manufacturer:	LYCOMING
ELT:	Not installed	Engine Model/Series:	I0360 SER A&C
Registered Owner:	Pilot	Rated Power:	200 Horsepower
Operator:	Pilot	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	KFLY,6874 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	14:50 Local	Direction from Accident Site:	
Lowest Cloud Condition:	Clear	Visibility	10 miles
Lowest Ceiling:	None	Visibility (RVR):	
Wind Speed/Gusts:	5 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	250°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30.15 inches Hg	Temperature/Dew Point:	28°C / -4°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Peyton, CO (FLY)	Type of Flight Plan Filed:	None
Destination:	Peyton, CO (FLY)	Type of Clearance:	None
Departure Time:		Type of Airspace:	

Airport Information

Airport:	Meadow Lake Airport FLY	Runway Surface Type:	
Airport Elevation:	6874 ft msl	Runway Surface Condition:	
Runway Used:		IFR Approach:	None
Runway Length/Width:		VFR Approach/Landing:	Forced landing

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:	38.945835,-104.569725(est)

Administrative Information

Investigator In Charge (IIC):	Lindberg, Joshua
Additional Participating Persons:	Billy Watts; Federal Aviation Administration; Denver, CO
Original Publish Date:	July 23, 2013
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=87146

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