



Aviation Investigation Final Report

Location:	Mason, Michigan	Accident Number:	CHI06CA201
Date & Time:	July 26, 2006, 08:05 Local	Registration:	N9205Q
Aircraft:	Beech A36	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 Minor, 3 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

The airplane contacted a building and two parked vehicles after takeoff. The pilot reported that everything during the preflight engine run up was normal. He reported he rotated the airplane at 80 knots during the takeoff and pitched 10 degrees nose up to achieve the best angle of climb. The pilot reported the initial climb to about 150 feet above the ground was normal, then the airplane hesitated and stopped climbing. He reported the airplane then climbed slowly for a couple of seconds prior to it starting a descent. The pilot reported the airspeed decreased, the stall warning sounded, and the airplane began to buffet. The pilot lowered the nose and made a slight right turn to avoid obstacles. He stated he wanted to bank further to the right, but there were two telephone poles along the flight path. He stated the right wing of the airplane struck a building mounted antenna as he reduced the engine power. The landing gear then contacted the roof of a building and two parked vehicles prior to impacting a parking lot. The pilot and passengers exited the airplane before it was destroyed by a post impact fire. The pilot reported, "In summary, there appeared to be a partial loss of power during the initial climb." Post accident inspection of the engine failed to reveal any mechanical failure/malfunction.

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 adequate airspeed which resulted in a stall/mush on takeoff. Factors associated with the accident were the building and vehicles that were contacted.

Findings

Occurrence #1: LOSS OF CONTROL - IN FLIGHT

Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

1. (C) AIRSPEED - INADEQUATE - PILOT IN COMMAND
2. STALL/MUSH - INADVERTENT - PILOT IN COMMAND

Occurrence #2: IN FLIGHT COLLISION WITH OBJECT

Phase of Operation: DESCENT - UNCONTROLLED

Findings

3. (F) OBJECT - BUILDING(NONRESIDENTIAL)
4. (F) OBJECT - VEHICLE

Occurrence #3: IN FLIGHT COLLISION WITH TERRAIN/WATER

Phase of Operation: DESCENT - UNCONTROLLED

Findings

5. TERRAIN CONDITION - GROUND

Occurrence #4: FIRE

Phase of Operation: OTHER

Factual Information

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Pilot Information

Certificate:	Private	Age:	38, Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	
Instructor Rating(s):		Toxicology Performed:	No
Medical Certification:	Class 3	Last FAA Medical Exam:	September 1, 2005
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	1228 hours (Total, all aircraft), 905 hours (Total, this make and model), 1116 hours (Pilot In Command, all aircraft), 61 hours (Last 90 days, all aircraft), 24 hours (Last 30 days, all aircraft), 3 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Beech	Registration:	N9205Q
Model/Series:	A36	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	E-271
Landing Gear Type:	Retractable - Tricycle	Seats:	
Date/Type of Last Inspection:		Certified Max Gross Wt.:	
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:		Engine Manufacturer:	Continental
ELT:		Engine Model/Series:	IO-520
Registered Owner:	One Romeo Leasing, LLC	Rated Power:	
Operator:	Robert M. Krueger	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	TEW	Distance from Accident Site:	
Observation Time:	07:55 Local	Direction from Accident Site:	
Lowest Cloud Condition:		Visibility	10 miles
Lowest Ceiling:	Broken / 6500 ft AGL	Visibility (RVR):	
Wind Speed/Gusts:	4 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	210°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29.85 inches Hg	Temperature/Dew Point:	23°C / 19°C
Precipitation and Obscuration:			
Departure Point:	Mason, MI (TEW)	Type of Flight Plan Filed:	IFR
Destination:	Georgetown, KY (27K)	Type of Clearance:	None
Departure Time:	08:05 Local	Type of Airspace:	

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	1 Minor, 2 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	
Total Injuries:	1 Minor, 3 None	Latitude, Longitude:	42.565834,-84.423057

Administrative Information

Investigator In Charge (IIC):	Sullivan, Pamela
Additional Participating Persons:	Mark Kurasz; Detroit, MI FSDO
Original Publish Date:	October 31, 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=64348

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