



National Transportation Safety Board Aviation Accident Final Report

Location:	Montague, CA	Accident Number:	LAX05CA129
Date & Time:	04/02/2005, 1040 PST	Registration:	N50G
Aircraft:	Beech D50C	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 Minor

Flight Conducted Under: Part 91: General Aviation - Personal

Analysis

Following a loss of engine power from the right engine during takeoff, the airplane veered to the right of the runway and collided with a hangar. The pilot reported that he had found a leak in a fuel line fitting on the right engine during the flight prior to the accident. He fixed the leak by tightening the fitting; however, he had not determined how much fuel remained in the right main fuel tank after the repair or during preflight for the accident flight. The pilot said the start, taxi, and run-up were normal on both engines. Just after liftoff, the airplane yawed to the right. Despite full left rudder and aileron input, the pilot could not prevent the airplane from veering off the runway and colliding with a hangar. An examination of the airplane after the accident determined that the fuel system for the right wing was still intact, and that there were no leaks. The right auxiliary fuel tank was still full of fuel. No fuel was found in the right main fuel tank or in any of the fuel lines leading to the right engine.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's inadequate aircraft preflight and failure to verify that an adequate fuel supply was in the right main tank prior to flight, resulting in a fuel starvation induced loss of engine power in the right engine. Also causal was the pilot's failure to maintain directional control following the loss of engine power.

Findings

Occurrence #1: LOSS OF ENGINE POWER(TOTAL) - NONMECHANICAL
Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

1. 1 ENGINE
 2. (C) FLUID,FUEL - STARVATION
 3. (C) AIRCRAFT PREFLIGHT - INADEQUATE - PILOT IN COMMAND
 4. (C) FUEL SUPPLY - NOT VERIFIED - PILOT IN COMMAND
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Occurrence #2: LOSS OF CONTROL - IN FLIGHT
Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

5. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND
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Occurrence #3: IN FLIGHT COLLISION WITH OBJECT
Phase of Operation: EMERGENCY LANDING AFTER TAKEOFF

Findings

6. OBJECT - HANGAR/AIRPORT BUILDING

Factual Information

Pilot Information

Certificate:	Private	Age:	47, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	
Other Aircraft Rating(s):	Helicopter	Restraint Used:	Seatbelt
Instrument Rating(s):	Airplane	Second Pilot Present:	
Instructor Rating(s):		Toxicology Performed:	
Medical Certification:	Class 2	Last Medical Exam:	11/26/2003
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	2623 hours (Total, all aircraft), 1303 hours (Total, this make and model), 3 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	Beech	Registration:	N50G
Model/Series:	D50C	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	DH-256
Landing Gear Type:	Retractable - Tricycle	Seats:	
Date/Type of Last Inspection:		Certified Max Gross Wt.:	
Time Since Last Inspection:		Engines:	2 Reciprocating
Airframe Total Time:		Engine Manufacturer:	Lycoming
ELT:	Not installed	Engine Model/Series:	GO-480-G2D6
Registered Owner:	On file	Rated Power:	
Operator:	On file	Air Carrier Operating Certificate:	None

Meteorological Information and Flight Plan

Observation Facility, Elevation:	SIY	Observation Time:	0856
Distance from Accident Site:		Condition of Light:	Day
Direction from Accident Site:		Conditions at Accident Site:	Visual Conditions
Lowest Cloud Condition:	Clear	Temperature/Dew Point:	8°C / 3°C
Lowest Ceiling:	None	Visibility	10 Miles
Wind Speed/Gusts, Direction:	Calm	Visibility (RVR):	
Altimeter Setting:	30.02 inches Hg	Visibility (RVV):	
Precipitation and Obscuration:			
Departure Point:	MONTAGUE, CA (105)	Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	1040 PST	Type of Airspace:	Class E

Airport Information

Airport:	MONTAGUE-YREKA ROHRER FIELD (105)	Runway Surface Type:	Asphalt
Airport Elevation:		Runway Surface Condition:	Dry
Runway Used:	32	IFR Approach:	None
Runway Length/Width:	3360 ft / 50 ft	VFR Approach/Landing:	None

Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	
Total Injuries:	1 Minor		

Administrative Information

Investigator In Charge (IIC):	Patrick H Jones	Adopted Date:	07/07/2005
Additional Participating Persons:	Richard Conte; Federal Aviation Administration; Sacramento, CA		
Publish Date:			
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	NTSB accident and incident dockets serve as permanent archival information for the NTSB's investigations. Dockets released prior to June 1, 2009 are publicly available from the NTSB's Record Management Division at pubinq@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .		

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