



National Transportation Safety Board Aviation Accident Data Summary

Location:	TRINITY, AL	Accident Number:	ATL97FA034
Date & Time:	02/01/1997, 0921 CST	Registration:	N50TB
Aircraft:	Cessna A150L	Injuries:	2 Fatal
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

A few minutes after takeoff, the airplane was next seen flying in the vicinity of the accident site. One eyewitness stated that when the airplane first flew overhead, it was just above the tree tops. Another eyewitness observed the airplane as the pilot made several low passes. On the last low pass, the pilot initiated a steep climb which terminated in what was described as a 'hammerhead stall.' The airplane entered a spin, descended from about 500 feet, and crashed adjacent to a single family dwelling, hitting a tree and utility line as it descended to the ground. All aircraft components were located in the immediate vicinity of the main wreckage. Subsequent examination of the engine assembly failed to disclose a mechanical problem. Examination of the airframe and aircraft systems also failed to disclose a mechanical problem.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: failure of the pilot to maintain flying airspeed, while maneuvering at low altitude, which resulted in a stall and subsequent collision with a tree, utility line, and the ground.

Findings

Occurrence #1: LOSS OF CONTROL - IN FLIGHT
Phase of Operation: MANEUVERING

Findings

1. LOW PASS - PERFORMED - PILOT IN COMMAND
2. PULL-UP - INITIATED - PILOT IN COMMAND
3. (C) AIRSPEED - NOT MAINTAINED - PILOT IN COMMAND
4. (C) STALL - INADVERTENT - PILOT IN COMMAND

Occurrence #2: IN FLIGHT COLLISION WITH OBJECT
Phase of Operation: DESCENT - UNCONTROLLED

Findings

5. OBJECT - TREE(S)
6. OBJECT - WIRE, TRANSMISSION

Occurrence #3: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: DESCENT - UNCONTROLLED

Pilot Information

Certificate:	Private	Age:	26
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	140 hours (Total, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N50TB
Model/Series:	A150L A150L	Engines:	1 Reciprocating
Operator:	BILLY D. PARKER	Engine Manufacturer:	Continental
Operating Certificate(s) Held:	None	Engine Model/Series:	O-200-A
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	HSV, 630 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	5 knots / , 180°
Temperature:	10° C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	DECATUR, AL (DCU)	Destination:	

Wreckage and Impact Information

Crew Injuries:	1 Fatal	Aircraft Damage:	Destroyed
Passenger Injuries:	1 Fatal	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC):	PHILLIP POWELL	Adopted Date:	12/15/1997
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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