



National Transportation Safety Board Aviation Accident Data Summary

Location:	BEREA, KY	Accident Number:	BFO94LA057
Date & Time:	04/02/1994, 1830 EST	Registration:	N5868B
Aircraft:	CESSNA 182A	Injuries:	2 Serious, 3 Minor
Flight Conducted Under:	Part 91: General Aviation - Business		

Analysis

THE PRIVATE PILOT AND FOUR PARACHUTISTS WERE ON BOARD THE AIRPLANE AS IT TAXIED FOR TAKEOFF. THE WIND CONDITIONS WERE REPORTED BETWEEN 14 AND 16 KNOTS. THE PILOT STATED THAT HE ADDED FULL POWER, ACHIEVED FLYING SPEED, ROTATED, AND BEGAN TO CLIMB OUT. HE STATED THAT THE AIRPLANE THEN ENCOUNTERED WIND SHEAR. HE LOST CONTROL OF THE AIRPLANE AND IT DRIFTED INTO A TREE LOCATED ON THE WESTERN EDGE OF THE RUNWAY. THE PILOT DID NOT REPORT ANY MECHANICAL MALFUNCTIONS AND STATED THAT HE SHOULD NOT HAVE INITIATED THE FLIGHT BECAUSE OF THE HIGH WINDS.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE PILOT-IN-COMMAND'S FAILURE TO MAINTAIN ADEQUATE AIRSPEED DURING THE TAKEOFF. A FACTOR RELATED TO THE ACCIDENT IS THE GUSTY WIND CONDITIONS.

Findings

Occurrence #1: LOSS OF CONTROL - IN FLIGHT
Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

1. (F) WEATHER CONDITION - GUSTS
2. (C) AIRSPEED - INADEQUATE - PILOT IN COMMAND

Occurrence #2: IN FLIGHT COLLISION WITH OBJECT
Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

3. OBJECT - TREE(S)

Pilot Information

Certificate:	Private	Age:	37
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	225 hours (Total, all aircraft), 13 hours (Total, this make and model), 90 hours (Pilot In Command, all aircraft), 4 hours (Last 90 days, all aircraft), 3 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N5868B
Model/Series:	182A 182A	Engines:	1 Reciprocating
Operator:	THUNDERBIRD SPORT PARACHUTE CL	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:	None	Engine Model/Series:	O-470-L
Flight Conducted Under:	Part 91: General Aviation - Business		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	LEX, 980 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Broken / 7500 ft agl	Wind Speed/Gusts, Direction:	14 knots / , 240°
Temperature:	18°C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	Destination:		

Airport Information

Airport:	BEREA-RICHMOND LACKEY (I30)	Runway Surface Type:	Grass/turf
Runway Used:	21	Runway Surface Condition:	Dry
Runway Length/Width:	2400 ft / 160 ft		

Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Destroyed
Passenger Injuries:	2 Serious, 2 Minor	Aircraft Fire:	On-Ground
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC): JEFFREY B GUZZETTI,

Adopted Date: 01/12/1995

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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