



National Transportation Safety Board Aviation Accident Data Summary

Location:	BOWLING GREEN, OH	Accident Number:	CHI82FA144
Date & Time:	05/01/1982, 1043 EDT	Registration:	N40999
Aircraft:	PIPER PA-28-140	Injuries:	4 Fatal
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE PILOT STARTED HIS TAKEOFF WITH THE AIRCRAFT ABOUT 198 LBS OVER ITS MAXIMUM GROSS WEIGHT LIMIT. THE PLANE WAS OBSERVED TO LIFT OFF NEAR THE DEPARTURE END OF THE RUNWAY, THEN CONTINUE IN A NOSE HIGH ATTITUDE. SOME WITNESSES OBSERVED THE WINGS ROCKING OR WOBBLING AND/OR THE FUSELAGE FISHTAILING. REPORTEDLY, IT GAINED SOME ALTITUDE, THEN SETTLED INTO AN APARTMENT BUILDING. DURING IMPACT, AN EXPLOSION OCCURRED AND THE AIRCRAFT AND BUILDING WERE ENGULFED IN FLAMES. ALL BUT 1 WITNESS REPORTED THAT THE ENGINE SOUNDED NORMAL.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

Findings

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

Findings

1. (C) PREFLIGHT PLANNING/PREPARATION - IMPROPER - PILOT IN COMMAND
2. (C) AIRCRAFT WEIGHT AND BALANCE - IMPROPER - PILOT IN COMMAND
3. (C) AIRSPEED - NOT OBTAINED - PILOT IN COMMAND
4. (C) STALL - INADEQUATE - PILOT IN COMMAND
5. LACK OF TOTAL EXPERIENCE - PILOT IN COMMAND

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

Findings

6. (F) OBJECT - RESIDENCE

Pilot Information

Certificate:	Private	Age:	23
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):		Instructor Rating(s):	None
Flight Time:	80 hours (Total, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	PIPER	Registration:	N40999
Model/Series:	PA-28-140 PA-28-140	Engines:	1 Reciprocating
Operator:	DAVID LANKENAU	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:		Engine Model/Series:	O-320-E3D
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:	, 0 ft msl	Weather Information Source:	Unknown
Lowest Ceiling:	Unknown / 0 ft agl	Wind Speed/Gusts, Direction:	Calm / ,
Temperature:	68° C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	BOWLING GREEN, OH (1G0)	Destination:	COLUMBUS, OH

Airport Information

Airport:	WOOD COUNTY (1G0)	Runway Surface Type:	Asphalt
Runway Used:	24	Runway Surface Condition:	Dry
Runway Length/Width:	2784 ft / 50 ft		

Wreckage and Impact Information

Crew Injuries:	1 Fatal	Aircraft Damage:	Destroyed
Passenger Injuries:	3 Fatal	Aircraft Fire:	On-Ground
Ground Injuries:	N/A	Aircraft Explosion:	On-Ground
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC):

Adopted Date: 05/01/1983

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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