



National Transportation Safety Board Aviation Accident Data Summary

Location:	FINDLAY, OH	Accident Number:	CHI84LA322
Date & Time:	08/01/1984, 2048 EDT	Registration:	N3743P
Aircraft:	PIPER PA-22-150	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

DURING THE INITIAL TAKEOFF CLIMB AT AN ALT OF APRX 1400 FT MSL THE ENGINE QUIT. ATTEMPTS TO REGAIN POWER FAILED. THE ACFT NOSED OVER DURING A FORCED LANDING IN A CORN FIELD. POST ACCIDENT INVESTIGATION OF THE ENGINE REVEALED A BROKEN CARBURETOR HEAT LINKAGE ON THE CONTROL ROD. THE ENGINE WAS THEN STARTED AND IT RAN WITHOUT INTERRUPTION.

Probable Cause

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

Findings

Occurrence #1: LOSS OF ENGINE POWER(TOTAL) - MECH FAILURE/MALF
Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

1. (C) CARBURETOR HEAT CONTROL,PUSH/PULL ROD - FAILURE,TOTAL
2. (F) REMEDIAL ACTION - ATTEMPTED - PILOT IN COMMAND

Occurrence #2: FORCED LANDING

Phase of Operation: DESCENT - EMERGENCY

Occurrence #3: NOSE DOWN

Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

3. (F) TERRAIN CONDITION - CROP

Pilot Information

Certificate:	Student	Age:	21
Airplane Rating(s):	None	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	17 hours (Total, all aircraft), 17 hours (Total, this make and model), 2 hours (Pilot In Command, all aircraft), 11 hours (Last 90 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	PIPER	Registration:	N3743P
Model/Series:	PA-22-150 PA-22-150	Engines:	1 Reciprocating
Operator:	JOE L. BLEM	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:	None	Engine Model/Series:	O-320-A1A
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	FDY, 812 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Broken / 10000 ft agl	Wind Speed/Gusts, Direction:	4 knots / , 280°
Temperature:	28°C	Visibility	7 Miles
Precipitation and Obscuration:			
Departure Point:	Destination:		

Airport Information

Airport:	FINDLAY (FDY)	Runway Surface Type:	
Runway Used:	0	Runway Surface Condition:	
Runway Length/Width:			

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC): PAMELA S KLECKNER

Adopted Date:

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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