



National Transportation Safety Board Aviation Accident Data Summary

Location:	PITTSBURG, KS	Accident Number:	CHI96LA101
Date & Time:	03/01/1996, 1800 CST	Registration:	N95394
Aircraft:	Piper PA-28-140	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The pilot stated that she and her passenger became incapacitated after takeoff. The airplane impacted the terrain. Both occupants were hospitalized for observation and testing for carbon monoxide. Tests were positive for carbon monoxide. A subsequent examination of the muffler system found holes in the muffler. An annual inspection had been performed 4 flight-hours prior to the accident, on 2/20/96.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: an inadequate annual inspection by maintenance personnel, a deteriorated muffler, and pilot incapacitation due to carbon monoxide.

Findings

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

Findings

1. (C) EXHAUST SYSTEM,MUFFLER - DETERIORATED
2. (C) MAINTENANCE,ANNUAL INSPECTION - INADEQUATE - OTHER MAINTENANCE PERSONNEL
3. (C) INCAPACITATION(CARBON MONOXIDE) - PILOT IN COMMAND

Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: DESCENT - UNCONTROLLED

Pilot Information

Certificate:	Private	Age:	51
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	212 hours (Total, all aircraft), 120 hours (Total, this make and model), 1 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Piper	Registration:	N95394
Model/Series:	PA-28-140 PA-28-140	Engines:	1 Reciprocating
Operator:	JAMES A. & PARTICIA A. KIRBY	Engine Manufacturer:	Lycoming
Operating Certificate(s) Held:	None	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:	JLN, 981 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	16 knots / 23 knots, 300°
Temperature:	7°C	Visibility	15 Miles
Precipitation and Obscuration:			
Departure Point:	(PTS)	Destination:	

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	STEPHEN A WILSON	Adopted Date:	11/25/1996
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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