



National Transportation Safety Board Aviation Accident Data Summary

Location:	ANDOVER, KS	Accident Number:	CHI98LA294
Date & Time:	08/01/1998, 1915 CDT	Registration:	N127X
Aircraft:	Piper 20	Injuries:	2 Minor, 3 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The pilot reported that at an altitude of 60 to 70 feet above the ground a sudden loss of power occurred followed by a 'rapid descent' into a line of trees at the north end of the runway. The right wing of the airplane contacted a large cedar tree at a height of about 15 to 18 feet above the ground. Post accident inspection of the airplane failed to reveal any reason for the loss of power.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: a loss of engine power for undetermined reasons. A factor associated with the accident were the trees which the airplane contacted and the low altitude at which the loss of power occurred.

Findings

Occurrence #1: LOSS OF ENGINE POWER
Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

1. (C) REASON FOR OCCURRENCE UNDETERMINED
2. (F) ALTITUDE - LOW

Occurrence #2: FORCED LANDING
Phase of Operation: EMERGENCY LANDING AFTER TAKEOFF

Occurrence #3: IN FLIGHT COLLISION WITH OBJECT
Phase of Operation: EMERGENCY LANDING

Findings

3. (F) OBJECT - TREE(S)

Occurrence #4: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: EMERGENCY LANDING

Pilot Information

Certificate:	Private	Age:	34
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	134 hours (Total, all aircraft), 60 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Make:	Piper	Registration:	N127X
Model/Series:	20 20	Engines:	1 Reciprocating
Operator:	MAXWELL JAMES SELF	Engine Manufacturer:	Lycoming
Operating Certificate(s) Held:	None	Engine Model/Series:	O-290
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:	3KM, 1420 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	8 knots / , 80°
Temperature:	28° C	Visibility	7 Miles
Precipitation and Obscuration:			
Departure Point:	(KS20)	Destination:	

Airport Information

Airport:	BRADY-PIPPIN (PVT)	Runway Surface Type:	Grass/turf
Runway Used:	36	Runway Surface Condition:	
Runway Length/Width:	2500 ft / 40 ft		

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	2 Minor, 2 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC): TODD J CARLSON Adopted Date: 02/16/2001

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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