



National Transportation Safety Board Aviation Accident Data Summary

Location:	LADYSMITH, WI	Accident Number:	CHI82DA230
Date & Time:	07/01/1982, 0945 CDT	Registration:	N40037
Aircraft:	PIPER PA-28-161	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE STUDENT PILOT COLLIDED WITH A FENCE AND ROUGH TERRAIN DURING A FORCED LANDING ON A CROSS-COUNTRY FLIGHT. THE STUDENT HEARD A LOUD KNOCKING FROM THE ENGINE AFTER ABOUT 35 MINUTES OF FLIGHT. HE REDUCED POWER WHICH HELPED BUT THE ENGINE WAS STILL NOISY. THE STUDENT SELECTED A MOWED FIELD FOR LANDING. DURING THE LANDING ROLL THE AIRCRAFT WENT THROUGH A FENCE INTO ROCKY TERRAIN. ONE PUSH ROD IN THE ENGINE WAS FOUND BOWED ABOUT 2 INCHES AND THERE WAS SIGNS OF OIL SPILLAGE. NO OTHER MALFUNCTIONS NOTED. SIX QUARTS OF OIL REMAINED IN THE SUMP.

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: CRUISE - NORMAL

Findings

1. (C) ENGINE ASSEMBLY,PUSH ROD - BENT
2. (F) FLUID,OIL - LEAK

Occurrence #2: FORCED LANDING
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Occurrence #3: ON GROUND/WATER COLLISION WITH OBJECT
Phase of Operation: LANDING - ROLL

Findings

3. (F) OBJECT - FENCE
4. (F) TERRAIN CONDITION - ROUGH/UNEVEN

Pilot Information

Certificate:	Student	Age:	29
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):		Instructor Rating(s):	None
Flight Time:	55 hours (Total, all aircraft), 55 hours (Total, this make and model), 18 hours (Pilot In Command, all aircraft), 18 hours (Last 90 days, all aircraft), 3 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	PIPER	Registration:	N40037
Model/Series:	PA-28-161 PA-28-161	Engines:	1 Reciprocating
Operator:	DAVE A. JOHNSON	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:		Engine Model/Series:	O-320-D3G
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:	EAU, 0 ft msl	Weather Information Source:	Unknown
Lowest Ceiling:	Unknown / 0 ft agl	Wind Speed/Gusts, Direction:	Calm / ,
Temperature:	70° C	Visibility	20 Miles
Precipitation and Obscuration:			
Departure Point:	MANITOWISH WATE, WI (D25)	Destination:	MANKATO, MN

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	Adopted Date:	07/01/1983
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.ntsbt.gov/pubdms/ .	

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