



National Transportation Safety Board Aviation Accident Data Summary

Location:	MADISON, WI	Accident Number:	CHI86FEP08
Date & Time:	08/01/1986, 1808 CDT	Registration:	N128RM
Aircraft:	NORTH AMERICAN T28D-FENNEC	Injuries:	2 Minor
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

AFTER THE AIRCRAFT WAS INITIALLY TAXIED FOR TAKEOFF, THE PILOT RETURNED TO THE RAMP AND STATED THAT HE WAS EXPERIENCING ENGINE PROBLEMS. HE INQUIRED AT AN FBO ABOUT CHARTERING AN AIRCRAFT TO TAKE HIMSELF AND HIS SON TO AN EXPERIMENTAL AIRCRAFT ASSOCIATION CONVENTION AT OSHKOSH, WI. MECHANICS LOOKED AT THE AIRCRAFT, BUT NO SPECIFIC PROBLEM WAS IDENTIFIED. THE AIRCRAFT THEN DEPARTED AND SMOKE WAS OBSERVED COMING FROM THE AIRCRAFT AS IT LOST POWER. THE PILOT ATTEMPTED TO RETURN THE AIRPORT, HOWEVER, THE AIRCRAFT TOUCHED DOWN SHORT OF THE RUNWAY AND NOSED OVER IN A MARSH AREA.

Probable Cause

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

Findings

Occurrence #1: AIRFRAME/COMPONENT/SYSTEM FAILURE/MALFUNCTION
Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

1. OPERATION WITH KNOWN DEFICIENCIES IN EQUIPMENT - INTENTIONAL - PILOT IN COMMAND
2. (C) REASON FOR OCCURRENCE UNDETERMINED

Occurrence #2: FORCED LANDING
Phase of Operation: DESCENT - EMERGENCY

Occurrence #3: NOSE OVER
Phase of Operation: LANDING - ROLL

Findings

3. (F) TERRAIN CONDITION - SOFT

Pilot Information

Certificate:	Flight Instructor; Commercial	Age:	52
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	Airplane Multi-engine; Airplane Single-engine
Flight Time:	2200 hours (Total, all aircraft), 70 hours (Total, this make and model), 2000 hours (Pilot In Command, all aircraft), 10 hours (Last 90 days, all aircraft), 3 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	NORTH AMERICAN	Registration:	N128RM
Model/Series:	T28D-FENNEC T28D-FENNE	Engines:	1 Reciprocating
Operator:	RONALD J. MAGGARD	Engine Manufacturer:	WRIGHT
Operating Certificate(s) Held:	None	Engine Model/Series:	R1820-56
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:	MSN, 862 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	7 knots / , 260°
Temperature:	25° C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	MADISON, WI (MSN)	Destination:	OSHKOSH, WI (OSH)

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	JOHNNY B PERKINS	Adopted Date:	01/25/1988
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 pubin@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .		

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