



National Transportation Safety Board Aviation Accident Data Summary

Location:	Sherman, TX	Accident Number:	DFW08CA142
Date & Time:	03/02/2008, 1330 CDT	Registration:	N8523A
Aircraft:	North American T-28D	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

In a written statement provided to the NTSB, the pilot reported that the airplane was in cruise flight at approximately 3,000 feet above ground level when the oil pressure gauge began to fluctuate. The pilot observed that the oil temperature and cylinder head temperature readings remained within the normal range. Additionally, the pilot stated that the engine "shuddered" several times before he experienced a total loss of engine power. Due to altitude and airspeed, the pilot reported that the only landing area available was a "soft, sandy, field." During the landing roll out the left main gear and nose gear dug into the soft terrain resulting in the collapse of the left main and nose landing gear. The airplane sustained substantial damage to the left wing. The pilot, sole occupant of the airplane, was able to egress without assistance.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: Loss of engine power for undetermined reasons. A factor was the soft terrain.

Findings

Occurrence #1: LOSS OF ENGINE POWER
Phase of Operation: CRUISE

Findings

1. REASON FOR OCCURRENCE UNDETERMINED

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

Occurrence #3: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER
Phase of Operation: EMERGENCY DESCENT/LANDING

Findings

2. (F) TERRAIN CONDITION - SOFT

Pilot Information

Certificate:	Airline Transport; Flight Instructor; Commercial	Age:	67
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:	33500 hours (Total, all aircraft), 99 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	North American	Registration:	N8523A
Model/Series:	T-28D	Engines:	1 Reciprocating
Operator:	dale A Rinehart	Engine Manufacturer:	Curtis Wright
Air Carrier Operating Certificate:	None	Engine Model/Series:	R-1820-86A
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Observation Facility, Elevation:	KGyl, 749 ft msl	Weather Information Source:	Weather Observation Facility
Conditions at Accident Site:	Visual Conditions	Lowest Ceiling:	Overcast / 3100 ft agl
Condition of Light:	Day	Wind Speed/Gusts, Direction:	12 knots, 150°
Temperature:	19° C / 12° C	Visibility	10 Miles
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Socorro, NM (KONM)	Destination:	Durant, OK (KDUA)

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

Administrative Information

Investigator In Charge (IIC):	William H Gamble	Adopted Date:	07/30/2008
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
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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