



National Transportation Safety Board Aviation Accident Data Summary

Location:	Ogden, UT	Accident Number:	DEN05LA019
Date & Time:	11/02/2004, 1655 MST	Registration:	N7852P
Aircraft:	Piper PA-24-250	Injuries:	2 Serious
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Analysis

The pilot reported engine problems while on approach to the airport. During the forced landing, the airplane impacted a berm, and tall brush, causing substantial damage. A postaccident examination of the engine on the day of the accident revealed that the air box around the carburetor contained a small amount of water. The routine weather report taken at 1653 reported the temperature as 42 degrees Fahrenheit (F) and the dewpoint as 25 degrees F. According to the carburetor icing chart, conditions were conducive for icing at glide and cruise power. In addition, several other pilots flying in the area at the time of the accident reported experiencing carburetor icing.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: the loss of engine power due to carburetor icing. Contributing factors include the weather conditions conducive for carburetor icing, and a lack of suitable terrain for a forced landing.

Findings

Occurrence #1: LOSS OF ENGINE POWER

Phase of Operation: APPROACH

Findings

1. (C) FUEL SYSTEM,CARBURETOR - ICE
2. (F) WEATHER CONDITION - CARBURETOR ICING CONDITIONS

Occurrence #2: FORCED LANDING

Phase of Operation: DESCENT - EMERGENCY

Occurrence #3: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER

Phase of Operation: LANDING - ROLL

Findings

3. (F) TERRAIN CONDITION - NONE SUITABLE
4. TERRAIN CONDITION - HIGH VEGETATION
5. TERRAIN CONDITION - BERM

Flight Instructor Information

Certificate:	Flight Instructor; Commercial	Age:	25
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:	1722 hours (Total, all aircraft), 59 hours (Total, this make and model), 1647 hours (Pilot In Command, all aircraft), 201 hours (Last 90 days, all aircraft), 69 hours (Last 30 days, all aircraft), 5 hours (Last 24 hours, all aircraft)		

Pilot Information

Certificate:	Commercial	Age:	33
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	Airplane; Helicopter
Other Aircraft Rating(s):	Helicopter	Instructor Rating(s):	None
Flight Time:	800 hours (Total, all aircraft), 100 hours (Pilot In Command, all aircraft), 40 hours (Last 90 days, all aircraft), 25 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Piper	Registration:	N7852P
Model/Series:	PA-24-250	Engines:	1 Reciprocating
Operator:	KW Aviation	Engine Manufacturer:	Lycoming
Operating Certificate(s) Held:	None	Engine Model/Series:	O-540-A1D5
Flight Conducted Under:	Part 91: General Aviation - Instructional		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	OGD, 4473 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None	Wind Speed/Gusts, Direction:	3 knots / , 290°
Temperature:	6°C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	Ogden, UT (OGD)	Destination:	Ogden, UT (OGD)

Airport Information

Airport:	OGDEN-HINCKLEY (OGD)	Runway Surface Type:	Unknown
Runway Used:	NA	Runway Surface Condition:	Dry; Rough; Vegetation
Runway Length/Width:			

Wreckage and Impact Information

Crew Injuries:	2 Serious	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:	41.184444, -112.001111		

Administrative Information

Investigator In Charge (IIC):	David C Bowling	Adopted Date:	03/30/2005
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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