



# National Transportation Safety Board Aviation Accident Data Summary

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<b>Location:</b>	Orem, UT	<b>Accident Number:</b>	DEN04LA056
<b>Date &amp; Time:</b>	04/02/2004, 0300 MST	<b>Registration:</b>	N66758
<b>Aircraft:</b>	Cessna 150M	<b>Injuries:</b>	2 Minor
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

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## Analysis

The private pilot said that he "ran out of fuel." The pilot attempted a forced landing to an open field near the east shore of the lake. During the forced landing, the airplane's right wing struck several branches on the top of a 50-foot tree and the airplane subsequently struck the ground in a nose-down attitude. An examination of the airplane showed that both wing fuel tanks were intact. Approximately 2 cups of fuel was recovered from the tanks.

## Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: the pilot's improper in-flight planning and decision making, resulting in fuel exhaustion and the loss of engine power. Contributing factors include the dark night light conditions, and the trees.

## Findings

Occurrence #1: LOSS OF ENGINE POWER(TOTAL) - NONMECHANICAL  
Phase of Operation: CRUISE

### Findings

1. (F) FLUID,FUEL - EXHAUSTION
2. (C) IN-FLIGHT PLANNING/DECISION - IMPROPER - PILOT IN COMMAND

Occurrence #2: FORCED LANDING

Phase of Operation: DESCENT - EMERGENCY

Occurrence #3: IN FLIGHT COLLISION WITH OBJECT

Phase of Operation: DESCENT - EMERGENCY

### Findings

3. (F) OBJECT - TREE(S)
4. (F) LIGHT CONDITION - DARK NIGHT

## Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	28
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Instrument Rating(s):</b>	None
<b>Other Aircraft Rating(s):</b>	None	<b>Instructor Rating(s):</b>	None
<b>Flight Time:</b>	216 hours (Total, all aircraft), 208 hours (Total, this make and model), 165 hours (Pilot In Command, all aircraft), 16 hours (Last 90 days, all aircraft), 10 hours (Last 30 days, all aircraft), 4 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Cessna	<b>Registration:</b>	N66758
<b>Model/Series:</b>	150M	<b>Engines:</b>	1 Reciprocating
<b>Operator:</b>	Rustin L. Pearce	<b>Engine Manufacturer:</b>	Continental
<b>Operating Certificate(s) Held:</b>	None	<b>Engine Model/Series:</b>	O-200
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual Conditions	<b>Condition of Light:</b>	Night
<b>Observation Facility, Elevation:</b>	KPVU, 4494 ft msl	<b>Weather Information Source:</b>	Weather Observation Facility
<b>Lowest Ceiling:</b>	Overcast / 75 ft agl	<b>Wind Speed/Gusts, Direction:</b>	14 knots / , 320°
<b>Temperature:</b>	9° C	<b>Visibility</b>	10 Miles
<b>Precipitation and Obscuration:</b>			
<b>Departure Point:</b>	Emmett, ID (S78)	<b>Destination:</b>	Provo, UT (PVU)

## Wreckage and Impact Information

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

## Administrative Information

<b>Investigator In Charge (IIC):</b>	David C Bowling	<b>Adopted Date:</b>	09/29/2004
<b>Investigation Docket:</b>	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 <a href="mailto:pubin@ntsb.gov">pubin@ntsb.gov</a> , or at 800-877-6799. Dockets released after this date are available at <a href="http://dms.nts.gov/pubdms/">http://dms.nts.gov/pubdms/</a> .		

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