



# National Transportation Safety Board Aviation Accident Data Summary

<b>Location:</b>	AFTON, WY	<b>Accident Number:</b>	DEN86LA072
<b>Date &amp; Time:</b>	02/01/1986, 1545 MST	<b>Registration:</b>	N4238Z
<b>Aircraft:</b>	PIPER PA-18-150	<b>Injuries:</b>	1 Minor
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

## Analysis

THE PLT STATED HE HAD DESCENDED TO OBSERVE WILDLIFE. WHEN HE ATTEMPTED TO ADD PWR HE DISCOVERED THE ENG HAD QUIT. THE PLT INDICATED THE ACFT WHEEL CONTACTED THE DEEP SNOW AT A MODERATE RATE OF HORIZONTAL SPEED WHILE HE WAS TRYING TO RESTART THE ENG.

## Probable Cause

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

## Findings

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

### Findings

1. (F) WEATHER CONDITION - CARBURETOR ICING CONDITIONS
2. (C) BUZZING - PERFORMED - PILOT IN COMMAND
3. (C) AIRCRAFT HANDLING - INATTENTIVE - PILOT IN COMMAND
4. (C) JUDGMENT - POOR - PILOT IN COMMAND

Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER  
Phase of Operation: MANEUVERING

### Findings

5. TERRAIN CONDITION - SNOW COVERED
6. (C) PULL-UP - DELAYED - PILOT IN COMMAND

## Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	38
<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>	310 hours (Total, all aircraft), 200 hours (Total, this make and model), 210 hours (Pilot In Command, all aircraft), 20 hours (Last 90 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	PIPER	<b>Registration:</b>	N4238Z
<b>Model/Series:</b>	PA-18-150 PA-18-150	<b>Engines:</b>	1 Reciprocating
<b>Operator:</b>	PATRICK M. SELLERS	<b>Engine Manufacturer:</b>	LYCOMING
<b>Operating Certificate(s) Held:</b>	None	<b>Engine Model/Series:</b>	O-320-A2A
<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>	Day
<b>Observation Facility, Elevation:</b>	RKS, 6760 ft msl	<b>Weather Information Source:</b>	Weather Observation Facility
<b>Lowest Ceiling:</b>	Broken / 6000 ft agl	<b>Wind Speed/Gusts, Direction:</b>	8 knots / , 270°
<b>Temperature:</b>	5°C	<b>Visibility</b>	40 Miles
<b>Precipitation and Obscuration:</b>			
<b>Departure Point:</b>	AFTON, WY (AFO)	<b>Destination:</b>	

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 Minor	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	N/A	<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>	RONALD E MICKLE	<b>Adopted Date:</b>	
<b>Investigation Docket:</b>	NTSB accident and incident docket 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:pubinq@ntsb.gov">pubinq@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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