



# National Transportation Safety Board Aviation Accident Factual Report

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<b>Location:</b>	HELENA, MT	<b>Accident Number:</b>	DEN84LA034
<b>Date &amp; Time:</b>	12/01/1983, 2230 MST	<b>Registration:</b>	N4818D
<b>Aircraft:</b>	CESSNA 172N	<b>Aircraft Damage:</b>	Minor
<b>Defining Event:</b>		<b>Injuries:</b>	1 Serious, 1 None
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

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## Pilot Information

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<b>Certificate:</b>	Private	<b>Age:</b>	55, Male
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>		<b>Restraint Used:</b>	
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>		<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 3 Valid Medical--w/ waivers/lim.	<b>Last FAA Medical Exam:</b>	02/03/1983
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	395 hours (Total, all aircraft), 170 hours (Total, this make and model), 281 hours (Pilot In Command, all aircraft), 19 hours (Last 90 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N4818D
Model/Series:	172N 172N	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	17272367
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	01/04/1983, Annual	Certified Max Gross Wt.:	2150 lbs
Time Since Last Inspection:	282 Hours	Engines:	1 Reciprocating
Airframe Total Time:	1141 Hours	Engine Manufacturer:	LYCOMING
ELT:	Installed, not activated	Engine Model/Series:	O-320-H2AD
Registered Owner:	MARATHON AVIATION COMPANY	Rated Power:	160 hp
Operator:	MARATHON AVIATION COMPANY	Operating Certificate(s) Held:	None

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Night/Dark
Observation Facility, Elevation:	HLN, 3873 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	2254 MST	Direction from Accident Site:	0°
Lowest Cloud Condition:	Clear / 0 ft agl	Visibility	15 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	5 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	350°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	-16°C / -15°C
Precipitation and Obscuration:			
Departure Point:	BUTTE, MT (BTM)	Type of Flight Plan Filed:	VFR
Destination:		Type of Clearance:	None
Departure Time:	0000	Type of Airspace:	

## Airport Information

Airport:	HELENA (HLN)	Runway Surface Type:	Asphalt
Airport Elevation:	3873 ft	Runway Surface Condition:	Dry
Runway Used:	0	IFR Approach:	None
Runway Length/Width:		VFR Approach/Landing:	None

## Wreckage and Impact Information

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

## Administrative Information

**Investigator In Charge (IIC):** ARNOLD W SCOTT

### Additional Participating Persons:

**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](mailto:pubinq@ntsb.gov), or at 800-877-6799. Dockets released after this date are available at <http://dms.nts.gov/pubdms/>.