



# National Transportation Safety Board Aviation Accident Factual Report

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<b>Location:</b>	ROCK SPRINGS, WY	<b>Accident Number:</b>	DEN85LTM05
<b>Date &amp; Time:</b>	08/01/1985, 1520 MDT	<b>Registration:</b>	N37438
<b>Aircraft:</b>	INTERSTATE S-1A	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	2 Serious
<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>	28, Male
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Seat Occupied:</b>	Front
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	Seatbelt
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 3 Valid Medical--no waivers/lim.	<b>Last FAA Medical Exam:</b>	04/17/1984
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	553 hours (Total, all aircraft), 553 hours (Total, this make and model), 553 hours (Pilot In Command, all aircraft), 91 hours (Last 90 days, all aircraft), 8 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

Aircraft Make:	INTERSTATE	Registration:	N37438
Model/Series:	S-1A S-1A	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	283
Landing Gear Type:	Tailwheel	Seats:	2
Date/Type of Last Inspection:	02/16/1985, Annual	Certified Max Gross Wt.:	1200 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:		Engine Manufacturer:	CONTINENTAL
ELT:	Installed	Engine Model/Series:	A-75
Registered Owner:	THOMAS H. HELTON	Rated Power:	75 hp
Operator:	THOMAS H. HELTON	Operating Certificate(s) Held:	None

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	RKS, 6737 ft msl	Distance from Accident Site:	41 Nautical Miles
Observation Time:	1555 MDT	Direction from Accident Site:	70°
Lowest Cloud Condition:	Scattered / 6000 ft agl	Visibility	80 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	20 knots / 24 knots	Turbulence Type Forecast/Actual:	/
Wind Direction:	220°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	29° C
Precipitation and Obscuration:			
Departure Point:	HARFORD, WY	Type of Flight Plan Filed:	None
Destination:	ROCK SPRINGS, WY (RKS)	Type of Clearance:	None
Departure Time:	1310 MDT	Type of Airspace:	Class G

## Wreckage and Impact Information

Crew Injuries:	1 Serious	Aircraft Damage:	Substantial
Passenger Injuries:	1 Serious	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 Serious	Latitude, Longitude:	

## Administrative Information

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**Investigator In Charge (IIC):** MICHAEL L STOCKHILL

**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/>.