

**NATIONAL TRANSPORTATION SAFETY BOARD
PILOT/OPERATOR AIRCRAFT ACCIDENT/INCIDENT REPORT**

This form to be used for reporting civil and public aircraft accidents and incidents

BASIC INFORMATION

Accident/Incident Location Nearest City/Place: <u>Glenwood Springs airport KGWS</u> State: <u>CO</u> ZIP: <u>81601</u> Country: <u>US</u> Latitude: <u>39-30.602718N</u> Longitude: <u>107-18.701558W</u> (Enter in decimal degrees or degrees:minutes:seconds)	Accident/Incident Date/Time Date: <u>08/25/2019</u> Local Time: <u>1:30 pm</u> mm/dd/yyyy Time Zone: <u>MDT</u>
Collision with Other Aircraft: <input type="radio"/> Midair <input type="radio"/> On-ground <input checked="" type="radio"/> None	

AIRCRAFT INFORMATION

Registration Number: <u>N983wp</u> Manufacturer: <u>Cirrus</u> Model: <u>SR22 TN</u> Serial Number: <u>1671</u> Year of Manufacture: <u>2005</u> Amateur-Built: <input type="radio"/> Yes <input checked="" type="radio"/> No If Yes: <input type="radio"/> Kit/Plans <input type="radio"/> Original Design	<input checked="" type="checkbox"/> IFR-Equipped and Certified <input type="checkbox"/> Commercial Space Flight <input type="checkbox"/> Unmanned Aircraft Maximum Gross Weight: <u>3400</u> lbs Weight at Time of Accident/Incident: <u>3150</u> lbs Number of Seats: <u>4</u> Flight Crew Seats: <u>1</u> Cabin Crew Seats: <u>1</u> Passenger Seats: <u>2</u> Number of Engines: <u>1</u>
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Category of Aircraft <input checked="" type="radio"/> Airplane <input type="radio"/> Balloon <input type="radio"/> Blimp/Dirigible <input type="radio"/> Glider <input type="radio"/> Gyroplane <input type="radio"/> Helicopter <input type="radio"/> Powered Lift <input type="radio"/> Rocket <input type="radio"/> Ultralight <input type="radio"/> Unknown	Type of Airworthiness Certificate (Check all that apply) <table border="0" style="width:100%;"> <tr> <td><input checked="" type="checkbox"/> Normal</td> <td><input type="checkbox"/> Restricted</td> </tr> <tr> <td><input type="checkbox"/> Aerobatic</td> <td><input type="checkbox"/> Limited</td> </tr> <tr> <td><input type="checkbox"/> Balloon</td> <td><input type="checkbox"/> Provisional</td> </tr> <tr> <td><input type="checkbox"/> Commuter</td> <td><input type="checkbox"/> Special Flight</td> </tr> <tr> <td><input type="checkbox"/> Transport</td> <td><input type="checkbox"/> Experimental</td> </tr> <tr> <td><input type="checkbox"/> Utility</td> <td><input type="checkbox"/> Special Light-Sport</td> </tr> <tr> <td></td> <td><input type="checkbox"/> Experimental Light-Sport</td> </tr> </table> <input type="checkbox"/> Certificate of Authorization or Waiver (COA) <input type="checkbox"/> None <input type="checkbox"/> Unknown	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Restricted	<input type="checkbox"/> Aerobatic	<input type="checkbox"/> Limited	<input type="checkbox"/> Balloon	<input type="checkbox"/> Provisional	<input type="checkbox"/> Commuter	<input type="checkbox"/> Special Flight	<input type="checkbox"/> Transport	<input type="checkbox"/> Experimental	<input type="checkbox"/> Utility	<input type="checkbox"/> Special Light-Sport		<input type="checkbox"/> Experimental Light-Sport	Landing Gear (Check all that apply) <input type="checkbox"/> Retractable <input checked="" type="checkbox"/> Tricycle <input type="checkbox"/> Tailwheel <input type="checkbox"/> Amphibian <input type="checkbox"/> High Skid <input type="checkbox"/> Emergency Float <input type="checkbox"/> Skid <input type="checkbox"/> Float <input type="checkbox"/> Ski <input type="checkbox"/> Hull <input type="checkbox"/> Ski/Wheel <input type="checkbox"/> Other Launch/Recovery System <input type="checkbox"/> None <input type="checkbox"/> Unknown	Engine Type (Select one) <input checked="" type="radio"/> Reciprocating <input type="radio"/> Liquid Rocket <input type="radio"/> Turbo Shaft <input type="radio"/> Solid Rocket <input type="radio"/> Turbo Prop <input type="radio"/> Hybrid Rocket <input type="radio"/> Turbo Jet <input type="radio"/> None <input type="radio"/> Turbo Fan <input type="radio"/> Unknown <input type="radio"/> Electric Fuel System Type (Reciprocating) <input type="radio"/> Carburetor <input type="radio"/> Fuel-Injected
<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Restricted																
<input type="checkbox"/> Aerobatic	<input type="checkbox"/> Limited																
<input type="checkbox"/> Balloon	<input type="checkbox"/> Provisional																
<input type="checkbox"/> Commuter	<input type="checkbox"/> Special Flight																
<input type="checkbox"/> Transport	<input type="checkbox"/> Experimental																
<input type="checkbox"/> Utility	<input type="checkbox"/> Special Light-Sport																
	<input type="checkbox"/> Experimental Light-Sport																

Engine	Engine Manufacturer	Engine Model/Series	Manufacturer's Serial Number	Date of Mfg. mm dd yyyy	Rated Power <input checked="" type="radio"/> Horsepower or <input type="radio"/> lbs of Thrust	Total Time (hours)	Time Since: Inspection (hours)	Overhaul (hours)
Eng. 1	Continental	550-N	686757	??	310	3330	40	40
Eng. 2								
Eng. 3								
Eng. 4								

Last Inspection Type <input type="radio"/> 100-Hour <input type="radio"/> Continuous Airworthiness <input type="radio"/> AAIP <input type="radio"/> Conditional Inspection <input checked="" type="radio"/> Annual <input type="radio"/> Unknown Date Last Inspection: <u>July 2019</u> mm/dd/yyyy Airframe Total Time: <u>3858.4</u> hrs hours measured at (Select one) <input type="radio"/> Last Inspection <input checked="" type="radio"/> Time of Accident/Incident	Propeller 1 <input type="radio"/> Fixed Pitch <input checked="" type="radio"/> Controllable Pitch <input type="radio"/> Ground Adjustable Manufacturer: <u>Hartzell</u> Model: <u>PHC-J3YF-1N</u>	Propeller 2 <input type="radio"/> Fixed Pitch <input type="radio"/> Controllable Pitch <input type="radio"/> Ground Adjustable Manufacturer: _____ Model: _____
Type of Maintenance Program (Select one) <input checked="" type="radio"/> Annual <input type="radio"/> Conditional (Amateur-built only) <input type="radio"/> Manufacturer's Inspection Program <input type="radio"/> Other Approved Inspection Program (AAIP) <input type="radio"/> Continuous Airworthiness <input type="radio"/> Other, specify: _____	ELT Installed: <input checked="" type="radio"/> Yes <input type="radio"/> No If Yes: ELT Manufacturer: <u>ACK</u> Model or Part No.: <u>E-04</u> TSO No.: <input type="radio"/> C91 (121.5 MHz) <input type="radio"/> C91a (121.5 MHz) <input checked="" type="radio"/> C126 (406 MHz) Was ELT still mounted in aircraft? <input checked="" type="radio"/> Yes <input type="radio"/> No Was ELT still connected to antenna? <input checked="" type="radio"/> Yes <input type="radio"/> No Did ELT Activate? <input type="radio"/> Yes <input checked="" type="radio"/> No If activated: Did ELT Aid in Locating Aircraft: <input type="radio"/> Yes <input checked="" type="radio"/> No If not activated: Indicate Reason: <input type="checkbox"/> Impact Damage <input type="checkbox"/> Fire Damage <input type="checkbox"/> Battery Expired/Damaged <input checked="" type="checkbox"/> Unknown	Additional Equipment (Check all that apply) <input checked="" type="checkbox"/> ADS-B <input checked="" type="checkbox"/> Airframe Parachute <input type="checkbox"/> Angle of Attack Indicator <input checked="" type="checkbox"/> Autopilot <input type="checkbox"/> Data Recorder <input checked="" type="checkbox"/> Electronic Flight Bag or Handheld Device <input checked="" type="checkbox"/> Electronic Multifunction Display <input checked="" type="checkbox"/> Electronic Primary Flight Display <input type="checkbox"/> Handheld GPS <input type="checkbox"/> Heads Up Display <input type="checkbox"/> Onboard Weather <input type="checkbox"/> Satellite Tracking Device <input checked="" type="checkbox"/> Stall Warning System <input type="checkbox"/> Video Recording Device <input type="checkbox"/> Other, Specify: _____
Description of Fire Extinguishing System <input type="radio"/> None <input checked="" type="radio"/> Specify: <u>extinguisher on board</u>		

OWNER/OPERATOR INFORMATION

Registered Aircraft Owner
 Name: CBGNC LLC, plus two other LLCs City: Winston Salem
 State: NC ZIP: _____
 Fractional Ownership Aircraft: Yes No Country: US

Operator of Aircraft Same As Registered Owner Same Address as Registered Owner
 Name: Mark Hall City: Winston-Salem
 Doing Business As: Hall Greene LLC State: NC ZIP: 27104
 Air Carrier/Operator Designator (4 Character Code): _____ Country: US

Operating Certificates Held <i>(Check all that apply)</i> <input checked="" type="checkbox"/> None <input type="checkbox"/> Flag Carrier Operating Certificate (FAR 121) <input type="checkbox"/> Supplemental <input type="checkbox"/> Air Cargo <input type="checkbox"/> Foreign Air Carriers (FAR 129) <input type="checkbox"/> Rotorcraft External Load (FAR 133) <input type="checkbox"/> Commuter Air Carrier (FAR 135) <input type="checkbox"/> On-Demand Air Taxi (FAR 135) <input type="checkbox"/> Commercial Air Tour (FAR 136) <input type="checkbox"/> Agricultural Aircraft (FAR 137) <input type="checkbox"/> Pilot School (FAR 141) <input type="checkbox"/> Certificate of Authorization or Waiver (COA) <input type="checkbox"/> Commercial Space Transportation Experimental Permit <input type="checkbox"/> Commercial Space Transportation License <input type="checkbox"/> Other Operator of Large Aircraft	Regulation Flight Conducted Under <input checked="" type="radio"/> FAR 91 <input type="radio"/> FAR 129 <input type="radio"/> FAR 415 <input type="radio"/> FAR 103 <input type="radio"/> FAR 133 <input type="radio"/> FAR 431 <input type="radio"/> FAR 121 <input type="radio"/> FAR 135 <input type="radio"/> FAR 435 <input type="radio"/> FAR 125 <input type="radio"/> FAR 137 <input type="radio"/> FAR 437 <input type="radio"/> FAR 91 Special Flight <input type="radio"/> Non-US, Commercial <input type="radio"/> Non-US, Non-commercial <input type="radio"/> Public Aircraft <i>(Select one)</i> <input type="radio"/> Armed Forces <input type="radio"/> Federal <input type="radio"/> State <input type="radio"/> Local <input type="radio"/> Unknown	Revenue Operation for FAR 121, 125, 129, 135 <i>(Select one for each group)</i> <input type="radio"/> Scheduled or Commuter <input type="radio"/> Domestic <input type="radio"/> Non-Scheduled or Air Taxi <input type="radio"/> International <input type="radio"/> Passenger <input type="radio"/> Cargo <input type="radio"/> Mail Contract Only
	Revenue Sightseeing Flight <input type="radio"/> Yes <input checked="" type="radio"/> No	Air Medical Flight <input type="radio"/> Yes <input checked="" type="radio"/> No

AIRPORT INFORMATION (Fill in if accident/incident occurred on approach, landing, takeoff, departure, or within 3 miles of an airport)

Airport Name: Glenwood Springs Distance From Airport Center: 1/2 sm
 Airport Identifier: KGWS Direction From Airport: 320 degrees true
 Proximity to Airport: Off Airport/Airstrip On Airport/Airstrip N/A
 Airport Elevation: 5900 ft. msl

Runway Information Runway ID: <u>14</u> (L/R/C) Length: <u>3300</u> ft Width: <u>50</u> ft	Condition of Runway/Landing Surface <i>(Check all that apply)</i> <input checked="" type="checkbox"/> Dry <input type="checkbox"/> Snow-Compacted <input type="checkbox"/> Water-Calm <input type="checkbox"/> Holes <input type="checkbox"/> Snow-Crusted <input type="checkbox"/> Water-Choppy <input type="checkbox"/> Ice Covered <input type="checkbox"/> Snow-Dry <input type="checkbox"/> Water-Glassy <input type="checkbox"/> Rough <input type="checkbox"/> Snow-Wet <input type="checkbox"/> Wet <input type="checkbox"/> Rubber Deposits <input type="checkbox"/> Soft <input type="checkbox"/> Slush-Covered <input type="checkbox"/> Vegetation <input type="checkbox"/> Unknown
Runway/Landing Surface <i>(Check all that apply)</i> <input checked="" type="checkbox"/> Asphalt <input type="checkbox"/> Grass/Turf <input type="checkbox"/> Macadam <input type="checkbox"/> Water <input type="checkbox"/> Concrete <input type="checkbox"/> Gravel <input type="checkbox"/> Metal/Wood <input type="checkbox"/> Dirt <input type="checkbox"/> Ice <input type="checkbox"/> Snow <input type="checkbox"/> Unknown	

Approach/Departure Segment *(Select one)*
 Taxi VFR Departure On Instrument Approach Downwind Low Approach
 Takeoff IFR Departure Procedure/Clearance Landing Base Go Around
 Initial Climb Final Aborted Landing (after touchdown)
 Crosswind Unknown

IFR Approach <i>(Check all that apply)</i> <input type="checkbox"/> None <input type="checkbox"/> ADF/NDB <input type="checkbox"/> PAR <input type="checkbox"/> MLS <input type="checkbox"/> Practice <input type="checkbox"/> SDF <input type="checkbox"/> Sidestep <input type="checkbox"/> LDA <input type="checkbox"/> GPS <input type="checkbox"/> VOR/TVOR <input type="checkbox"/> ILS <input type="checkbox"/> ASR <input type="checkbox"/> Visual <input type="checkbox"/> VOR/DME <input type="checkbox"/> Localizer Only <input type="checkbox"/> Visual <input type="checkbox"/> TACAN <input type="checkbox"/> LOC-back course <input type="checkbox"/> Contact <input type="checkbox"/> RNAV <input type="checkbox"/> Circling <input type="checkbox"/> Unknown	VFR Approach <i>(Check all that apply)</i> <input type="checkbox"/> None <input type="checkbox"/> Traffic Pattern <input type="checkbox"/> Stop and Go <input checked="" type="checkbox"/> Straight-In <input type="checkbox"/> Touch and Go <input checked="" type="checkbox"/> Valley/Terrain Following <input type="checkbox"/> Simulated Forced Landing <input type="checkbox"/> Go Around <input type="checkbox"/> Forced Landing <input checked="" type="checkbox"/> Full Stop <input type="checkbox"/> Precautionary Landing <input type="checkbox"/> Unknown
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"FLIGHT CREWMEMBER 1" INFORMATION

"Flight Crewmember 1" Responsibilities at the Time of Accident/Incident
 Pilot Co-Pilot Student Pilot Flight Instructor Check Pilot Flight Engineer Other Flight Crew

"Flight Crewmember 1" was pilot flying Yes No

"Flight Crewmember 1" Identification
 First Name: Mark City of Residence: Winston Salem
 Middle Initial: A State: NC ZIP: 27104
 Last Name: Hall Country: US
 Age at time of Accident/Incident: 64 Date of Birth: *mm/dd/yyyy*
 Certificate Number:

Degree of Injury <input checked="" type="radio"/> None <input type="radio"/> Fatal <input type="radio"/> Minor <input type="radio"/> Unknown <input type="radio"/> Serious	Seat Occupied <input checked="" type="radio"/> Left <input type="radio"/> Front <input type="radio"/> Unknown <input type="radio"/> Right <input type="radio"/> Rear <input type="radio"/> Center <input type="radio"/> Single	Restraint Type Available <input type="radio"/> None <input checked="" type="radio"/> 3-point <input type="radio"/> Lap only <input type="radio"/> 4-point <input type="radio"/> 5-point <input type="radio"/> Unknown	Inflatable Restraints <input type="radio"/> Not Installed <input checked="" type="checkbox"/> Installed <input checked="" type="checkbox"/> Not Deployed <input type="checkbox"/> Deployed <input type="checkbox"/> Unknown
Pilot Certificate(s) <i>(Check all that apply)</i> <input type="checkbox"/> None <input type="checkbox"/> Flight Instructor <input type="checkbox"/> Commercial <input type="checkbox"/> US Military <input checked="" type="checkbox"/> Private <input type="checkbox"/> Recreational <input type="checkbox"/> Airline Transport <input type="checkbox"/> Foreign <input type="checkbox"/> Student <input type="checkbox"/> Sport <input type="checkbox"/> Flight Engineer	Medical Certificate <input type="radio"/> None <input checked="" type="radio"/> Class 3 <input type="radio"/> Class 1 <input type="radio"/> Driver's License (Sport Pilot only) <input type="radio"/> Class 2 <input type="radio"/> Unknown	Medical Certificate Validity <input checked="" type="radio"/> Without limitations/waivers <input type="radio"/> Unknown <input type="radio"/> With limitations/waivers <input type="radio"/> N/A <input type="radio"/> Special Issuance	Date of Last Medical <u>05/05/2017</u> <i>mm/dd/yyyy</i>

Medical Certificate Limitations
 none. Basic Med. Previously had Ill

Medical Certificate Special Issuance

Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks: <u>10/07/2018</u> <i>mm/dd/yyyy</i>	Flight Review Aircraft Make: <u>Cirrus</u> Model: <u>SR22</u>
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Airplane Rating(s) <i>(Check all that apply)</i> <input type="checkbox"/> None <input checked="" type="checkbox"/> Single-Engine Land <input type="checkbox"/> Single-Engine Sea <input type="checkbox"/> Multiengine Land <input type="checkbox"/> Multiengine Sea	Other Aircraft Rating(s) <i>(Check all that apply)</i> <input type="checkbox"/> None <input type="checkbox"/> Airship <input type="checkbox"/> Balloon <input type="checkbox"/> Glider <input type="checkbox"/> Gyroplane <input type="checkbox"/> Helicopter <input type="checkbox"/> Powered Lift	Instrument Rating(s) <i>(Check all that apply)</i> <input type="checkbox"/> None <input checked="" type="checkbox"/> Airplane <input type="checkbox"/> Helicopter <input type="checkbox"/> Powered Lift	Instructor Rating(s) <i>(Check all that apply)</i> <input type="checkbox"/> None <input type="checkbox"/> Airplane Single-Engine <input type="checkbox"/> Airplane Multi-Engine <input type="checkbox"/> Gyroplane <input type="checkbox"/> Powered Lift <input type="checkbox"/> Instrument Airplane <input type="checkbox"/> Instrument Helicopter <input type="checkbox"/> Helicopter <input type="checkbox"/> Glider <input type="checkbox"/> Sport
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Type Ratings
 Complex, High Performance

Student Endorsements *(Include dates)*

Flight Time <i>(Enter appropriate number of hours in each box)</i>	All Aircraft	This Make & Model	Airplane Single Engine	Airplane Multiengine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air
						Actual	Simulated			
Total Time	760	155	760		17	28	30			
Pilot in Command (PIC)	560	140	560		15	27				
Time as Instructor										
This Make/Model					5	21				
Last 90 Days	24	24			1	3				
Last 30 Days	18	18			1	3				
Last 24 Hours	5	5			0	2				

"FLIGHT CREWMEMBER 2" INFORMATION

"Flight Crewmember 2" Responsibilities at the Time of Accident/Incident

Pilot Co-Pilot Student Pilot Flight Instructor Check Pilot Flight Engineer Other Flight Crew

"Flight Crewmember 2" was pilot flying Yes No

"Flight Crewmember 2" Identification

First Name: _____ City of Residence: _____
 Middle Initial: _____ State: _____ ZIP: _____
 Last Name: _____ Country: _____
 Age at time of Accident/Incident: _____ Date of Birth: _____ *mm/dd/yyyy*
 Certificate Number: _____

Degree of Injury <input type="radio"/> None <input type="radio"/> Fatal <input type="radio"/> Minor <input type="radio"/> Unknown <input type="radio"/> Serious	Seat Occupied <input type="radio"/> Left <input type="radio"/> Front <input type="radio"/> Unknown <input type="radio"/> Right <input type="radio"/> Rear <input type="radio"/> Center <input type="radio"/> Single	Restraint Type		Inflatable Restraints <input type="checkbox"/> Not Installed <input type="checkbox"/> Installed <input type="checkbox"/> Not Deployed <input type="checkbox"/> Deployed <input type="checkbox"/> Unknown
		Available <input type="radio"/> None <input type="radio"/> Lap only <input type="radio"/> 3-point <input type="radio"/> 4-point <input type="radio"/> 5-point <input type="radio"/> Unknown	Used <input type="radio"/> None <input type="radio"/> Lap only <input type="radio"/> 3-point <input type="radio"/> 4-point <input type="radio"/> 5-point <input type="radio"/> Unknown	
Pilot Certificate(s) (Check all that apply) <input type="checkbox"/> None <input type="checkbox"/> Flight Instructor <input type="checkbox"/> Commercial <input type="checkbox"/> US Military <input type="checkbox"/> Private <input type="checkbox"/> Recreational <input type="checkbox"/> Airline Transport <input type="checkbox"/> Foreign <input type="checkbox"/> Student <input type="checkbox"/> Sport <input type="checkbox"/> Flight Engineer				

Principal Occupation <input type="radio"/> Pilot <input type="radio"/> Other <input type="radio"/> Unknown	Medical Certificate <input type="radio"/> None <input type="radio"/> Class 3 <input type="radio"/> Class 1 <input type="radio"/> Driver's License (Sport Pilot only) <input type="radio"/> Class 2 <input type="radio"/> Unknown	Medical Certificate Validity <input type="radio"/> Without limitations/waivers <input type="radio"/> Unknown <input type="radio"/> With limitations/waivers <input type="radio"/> N/A <input type="radio"/> Special Issuance	Date of Last Medical _____ <i>mm/dd/yyyy</i>
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Medical Certificate Limitations

Medical Certificate Special Issuance

Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks: _____ <i>mm/dd/yyyy</i>	Flight Review Aircraft Make: _____ Model: _____
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Airplane Rating(s) (Check all that apply) <input type="checkbox"/> None <input type="checkbox"/> Single-Engine Land <input type="checkbox"/> Single-Engine Sea <input type="checkbox"/> Multiengine Land <input type="checkbox"/> Multiengine Sea	Other Aircraft Rating(s) (Check all that apply) <input type="checkbox"/> None <input type="checkbox"/> Airship <input type="checkbox"/> Balloon <input type="checkbox"/> Glider <input type="checkbox"/> Gyroplane <input type="checkbox"/> Helicopter <input type="checkbox"/> Powered Lift	Instrument Rating(s) (Check all that apply) <input type="checkbox"/> None <input type="checkbox"/> Airplane <input type="checkbox"/> Helicopter <input type="checkbox"/> Powered Lift	Instructor Rating(s) (Check all that apply) <input type="checkbox"/> None <input type="checkbox"/> Airplane Single-Engine <input type="checkbox"/> Airplane Multi-Engine <input type="checkbox"/> Gyroplane <input type="checkbox"/> Powered Lift <input type="checkbox"/> Instrument Airplane <input type="checkbox"/> Instrument Helicopter <input type="checkbox"/> Helicopter <input type="checkbox"/> Glider <input type="checkbox"/> Sport
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Type Ratings _____	Student Endorsements (Include dates) _____
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Flight Time (Enter appropriate number of hours in each box)	All Aircraft	This Make & Model	Airplane Single Engine	Airplane Multiengine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air
						Actual	Simulated			
Total Time										
Pilot in Command (PIC)										
Time as Instructor										
This Make/Model										
Last 90 Days										
Last 30 Days										
Last 24 Hours										

ADDITIONAL FLIGHT CREWMEMBERS (Exclusive of cabin crew, complete the following information)

Crew Name and Address		Seat Occupied	Injury
First Name: _____	City of Residence: _____	<input type="radio"/> Left	<input type="radio"/> None
Middle Initial: _____	State: _____ ZIP: _____	<input type="radio"/> Center	<input type="radio"/> Minor
Last Name: _____	Country: _____	<input type="radio"/> Right	<input type="radio"/> Serious
		<input type="radio"/> Front	<input type="radio"/> Fatal
		<input type="radio"/> Rear	<input type="radio"/> Unknown
		<input type="radio"/> Single	
		<input type="radio"/> Unknown	
Pilot Certificate(s) (Check all that apply)		Restraint Type:	Inflatable Restraints
<input type="checkbox"/> None	<input type="checkbox"/> Flight Instructor	Available	Used
<input type="checkbox"/> Private	<input type="checkbox"/> Recreational	<input type="radio"/> None	<input type="radio"/> None
<input type="checkbox"/> Student	<input type="checkbox"/> Sport	<input type="radio"/> Lap Only	<input type="radio"/> Lap Only
	<input type="checkbox"/> Commercial	<input type="radio"/> 3-point	<input type="radio"/> 3-point
	<input type="checkbox"/> Airline Transport	<input type="radio"/> 4-point	<input type="radio"/> 4-point
	<input type="checkbox"/> Flight Engineer	<input type="radio"/> 5-point	<input type="radio"/> 5-point
	<input type="checkbox"/> US Military	<input type="radio"/> Unknown	<input type="radio"/> Unknown
	<input type="checkbox"/> Foreign		
Type Rating/Endorsement for Accident/Incident Aircraft? <input type="checkbox"/> Yes <input type="checkbox"/> No		Total Flight Time at the Time of this Accident/Incident: _____ hrs	

Crew Name and Address		Seat Occupied	Injury
First Name: _____	City of Residence: _____	<input type="radio"/> Left	<input type="radio"/> None
Middle Initial: _____	State: _____ ZIP: _____	<input type="radio"/> Center	<input type="radio"/> Minor
Last Name: _____	Country: _____	<input type="radio"/> Right	<input type="radio"/> Serious
		<input type="radio"/> Front	<input type="radio"/> Fatal
		<input type="radio"/> Rear	<input type="radio"/> Unknown
		<input type="radio"/> Single	
		<input type="radio"/> Unknown	
Pilot Certificate(s) (Check all that apply)		Restraint Type:	Inflatable Restraints
<input type="checkbox"/> None	<input type="checkbox"/> Flight Instructor	Available	Used
<input type="checkbox"/> Private	<input type="checkbox"/> Recreational	<input type="radio"/> None	<input type="radio"/> None
<input type="checkbox"/> Student	<input type="checkbox"/> Sport	<input type="radio"/> Lap Only	<input type="radio"/> Lap Only
	<input type="checkbox"/> Commercial	<input type="radio"/> 3-point	<input type="radio"/> 3-point
	<input type="checkbox"/> Airline Transport	<input type="radio"/> 4-point	<input type="radio"/> 4-point
	<input type="checkbox"/> Flight Engineer	<input type="radio"/> 5-point	<input type="radio"/> 5-point
	<input type="checkbox"/> US Military	<input type="radio"/> Unknown	<input type="radio"/> Unknown
	<input type="checkbox"/> Foreign		
Type Rating/Endorsement for Accident/Incident Aircraft? <input type="checkbox"/> Yes <input type="checkbox"/> No		Total Flight Time at the Time of this Accident/Incident: _____ hrs	

PASSENGER(S) / OTHER PERSONNEL (Include cabin crew; continue on separate sheet if necessary)

Name and Address	Seat	Injury	Restraint Type	Inflatable Restraints	Age
First Name: <u>Brian</u> City: <u>Winston Salem</u>	<input type="radio"/> Left	<input checked="" type="radio"/> None	Available	Used	<input type="checkbox"/> Under 5 years
Middle Initial: _____ State: <u>NC</u> ZIP: <u>27101</u>	<input type="radio"/> Center	<input type="radio"/> Minor	<input type="radio"/> None	<input type="radio"/> None	<input type="checkbox"/> If Under 5,
Last Name: <u>Sides</u> Country: _____	<input checked="" type="radio"/> Right	<input type="radio"/> Serious	<input type="radio"/> Lap Only	<input type="radio"/> Lap Only	<input type="checkbox"/> Child Restraint
<input type="radio"/> Crew <input checked="" type="radio"/> Passenger <input type="radio"/> Other	<input type="radio"/> Unknown	<input type="radio"/> Fatal	<input checked="" type="radio"/> 3-point	<input checked="" type="radio"/> 3-point	<input type="checkbox"/> Lap-Held
	Row: _____	<input type="radio"/> Unknown	<input type="radio"/> 4-point	<input type="radio"/> 4-point	<input type="checkbox"/> Unknown
			<input type="radio"/> 5-point	<input type="radio"/> 5-point	
			<input type="radio"/> Unknown	<input type="radio"/> Unknown	
First Name: <u>Jim</u> City: <u>Winston Salem</u>	<input checked="" type="radio"/> Left	<input checked="" type="radio"/> None	Available	Used	<input type="checkbox"/> Under 5 years
Middle Initial: _____ State: _____ ZIP: <u>27101</u>	<input type="radio"/> Center	<input type="radio"/> Minor	<input type="radio"/> None	<input type="radio"/> None	<input type="checkbox"/> If Under 5,
Last Name: <u>Toole</u> Country: _____	<input type="radio"/> Right	<input type="radio"/> Serious	<input type="radio"/> Lap Only	<input type="radio"/> Lap Only	<input type="checkbox"/> Child Restraint
<input type="radio"/> Crew <input checked="" type="radio"/> Passenger <input type="radio"/> Other	<input type="radio"/> Unknown	<input type="radio"/> Fatal	<input checked="" type="radio"/> 3-point	<input checked="" type="radio"/> 3-point	<input type="checkbox"/> Lap-Held
	Row: _____	<input type="radio"/> Unknown	<input type="radio"/> 4-point	<input type="radio"/> 4-point	<input type="checkbox"/> Unknown
			<input type="radio"/> 5-point	<input type="radio"/> 5-point	
			<input type="radio"/> Unknown	<input type="radio"/> Unknown	
First Name: _____ City: _____	<input type="radio"/> Left	<input type="radio"/> None	Available	Used	<input type="checkbox"/> Under 5 years
Middle Initial: _____ State: _____ ZIP: _____	<input type="radio"/> Center	<input type="radio"/> Minor	<input type="radio"/> None	<input type="radio"/> None	<input type="checkbox"/> If Under 5,
Last Name: _____ Country: _____	<input type="radio"/> Right	<input type="radio"/> Serious	<input type="radio"/> Lap Only	<input type="radio"/> Lap Only	<input type="checkbox"/> Child Restraint
<input type="radio"/> Crew <input type="radio"/> Passenger <input type="radio"/> Other	<input type="radio"/> Unknown	<input type="radio"/> Fatal	<input type="radio"/> 3-point	<input type="radio"/> 3-point	<input type="checkbox"/> Lap-Held
	Row: _____	<input type="radio"/> Unknown	<input type="radio"/> 4-point	<input type="radio"/> 4-point	<input type="checkbox"/> Unknown
			<input type="radio"/> 5-point	<input type="radio"/> 5-point	
			<input type="radio"/> Unknown	<input type="radio"/> Unknown	
First Name: _____ City: _____	<input type="radio"/> Left	<input type="radio"/> None	Available	Used	<input type="checkbox"/> Under 5 years
Middle Initial: _____ State: _____ ZIP: _____	<input type="radio"/> Center	<input type="radio"/> Minor	<input type="radio"/> None	<input type="radio"/> None	<input type="checkbox"/> If Under 5,
Last Name: _____ Country: _____	<input type="radio"/> Right	<input type="radio"/> Serious	<input type="radio"/> Lap Only	<input type="radio"/> Lap Only	<input type="checkbox"/> Child Restraint
<input type="radio"/> Crew <input type="radio"/> Passenger <input type="radio"/> Other	<input type="radio"/> Unknown	<input type="radio"/> Fatal	<input type="radio"/> 3-point	<input type="radio"/> 3-point	<input type="checkbox"/> Lap-Held
	Row: _____	<input type="radio"/> Unknown	<input type="radio"/> 4-point	<input type="radio"/> 4-point	<input type="checkbox"/> Unknown
			<input type="radio"/> 5-point	<input type="radio"/> 5-point	
			<input type="radio"/> Unknown	<input type="radio"/> Unknown	

FLIGHT ITINERARY INFORMATION

Last Departure Point Airport ID: <u>KRSL</u> City: <u>Russell</u> State: <u>KS</u> Country: _____	Time of Departure Time: <u>11:20</u> Time Zone: <u>CDT</u>	Destination Airport ID: <u>KGWS</u> City: <u>Glenwood SPings</u> State: <u>CO</u> Country: _____	Type Flight Plan Filed <input type="radio"/> None <input type="radio"/> Company VFR <input type="radio"/> Military VFR <input type="radio"/> VFR <input type="radio"/> VFR/IFR <input checked="" type="radio"/> IFR <input type="radio"/> Unknown Activated? <input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Unknown
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Type of ATC Clearance/Service (Check all that apply)

<input type="checkbox"/> None	<input type="checkbox"/> Special VFR	<input type="checkbox"/> Special IFR	<input checked="" type="checkbox"/> VFR Flight Following	<input type="checkbox"/> Cruise
<input checked="" type="checkbox"/> VFR	<input checked="" type="checkbox"/> IFR	<input type="checkbox"/> VFR On Top	<input type="checkbox"/> Traffic Advisory	<input type="checkbox"/> Unknown / NA

Airspace where the accident/incident occurred (Check all that apply)

<input type="checkbox"/> Class A	<input checked="" type="checkbox"/> Class G	<input type="checkbox"/> Military Operations Area (MOA)	<input type="checkbox"/> Special	Altitude of In-Flight Occurrence: <u>5900</u> <input type="checkbox"/> AGL <input checked="" type="checkbox"/> ft msl
<input type="checkbox"/> Class B	<input type="checkbox"/> Demo Area	<input type="checkbox"/> Airport Advisory Area	<input type="checkbox"/> Air Traffic Control Area	
<input type="checkbox"/> Class C	<input type="checkbox"/> Warning Area	<input type="checkbox"/> Jet Training Area	<input type="checkbox"/> Unknown	
<input type="checkbox"/> Class D	<input type="checkbox"/> Prohibited Area	<input type="checkbox"/> TRSA		
<input type="checkbox"/> Class E	<input type="checkbox"/> Restricted Area	<input type="checkbox"/> FAR 93		

WEATHER INFORMATION AT THE ACCIDENT/INCIDENT SITE

Source of Pilot Weather Information (Check all that apply) <input checked="" type="checkbox"/> National Weather Service <input type="checkbox"/> Flight Service Station <input type="checkbox"/> TV/Radio <input type="checkbox"/> Automated Report <input type="checkbox"/> Commercial Weather Service (DUATS) <input checked="" type="checkbox"/> On-Board Weather <input type="checkbox"/> Company <input type="checkbox"/> Military <input type="checkbox"/> Internet <input type="checkbox"/> None <input type="checkbox"/> Unknown	Weather Observation Facility Facility ID: <u>KGWS</u> Observation Time: <u>1:30 pm</u> Time Zone: <u>MDT</u> Distance from Accident Site: <u>1</u> nm Direction from Accident Site: <u>320</u> degrees true
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Basic Conditions <input checked="" type="radio"/> VMC <input type="radio"/> IMC <input type="radio"/> Unknown	Light Condition <input type="radio"/> Dawn <input checked="" type="radio"/> Day <input type="radio"/> Dusk <input type="radio"/> Night <input type="radio"/> Dark Night <input type="radio"/> Bright Night <input type="radio"/> Unknown
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Sky/Lowest Cloud Condition <input checked="" type="radio"/> Clear <input type="radio"/> Few <input type="radio"/> Partial Obscuration <input type="radio"/> Scattered <input type="radio"/> Thin Broken <input type="radio"/> Thin Overcast <input type="radio"/> Unknown	Ceiling <input checked="" type="radio"/> None (Clear) <input type="radio"/> Broken <input type="radio"/> Overcast <input type="radio"/> Obscured <input type="radio"/> Indefinite <input type="radio"/> Unknown	Temperature: _____ (C) or <u>82</u> (F) Dew Point: _____ (C) or _____ (F) Altimeter Setting: <u>29.84</u> in Hg or _____ MB
Lowest Cloud Condition Height _____ ft agl	Ceiling Height _____ ft agl	

Wind Direction <input checked="" type="checkbox"/> Variable -or- Direction: <u>calm</u> degrees true	Wind Speed <input checked="" type="checkbox"/> Calm <input type="checkbox"/> Light and Variable -or- Speed: _____ kts	Wind Gusts <input checked="" type="checkbox"/> Not Gusting -or- Speed: _____ kts	Visibility <u>10</u> miles RVR: _____ feet RVV: _____ miles Density Altitude: _____ ft
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Intensity of Precipitation <input type="radio"/> Light <input type="radio"/> Moderate <input type="radio"/> Heavy <input checked="" type="radio"/> N/A <input type="radio"/> Unknown	Type of Precipitation (Check all that apply) <input type="checkbox"/> None <input type="checkbox"/> Rain <input type="checkbox"/> Snow <input type="checkbox"/> Hail <input type="checkbox"/> Rain Showers <input type="checkbox"/> Drizzle <input type="checkbox"/> Ice Pellets <input type="checkbox"/> Snow Pellets <input type="checkbox"/> Snow Grains <input type="checkbox"/> Ice Crystals <input type="checkbox"/> Freezing Rain <input type="checkbox"/> Snow Shower <input type="checkbox"/> Ice Pellets Shower <input type="checkbox"/> Freezing Drizzle	Restriction to Visibility (Check all that apply) <input checked="" type="checkbox"/> None <input type="checkbox"/> Blowing Dust <input type="checkbox"/> Blowing Sand <input type="checkbox"/> Blowing Snow <input type="checkbox"/> Blowing Spray <input type="checkbox"/> Dust <input type="checkbox"/> Fog <input type="checkbox"/> Ground Fog <input type="checkbox"/> Haze <input type="checkbox"/> Ice Fog <input type="checkbox"/> Smoke <input type="checkbox"/> Unknown
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Icing Forecast Amount <input checked="" type="radio"/> None <input type="radio"/> Trace <input type="radio"/> Light <input type="radio"/> Moderate <input type="radio"/> Severe <input type="radio"/> Unknown Type <input type="radio"/> N/A <input type="radio"/> Rime <input type="radio"/> Clear <input type="radio"/> Mixed <input type="radio"/> Unknown	Icing Actual Amount <input checked="" type="radio"/> None <input type="radio"/> Trace <input type="radio"/> Light <input type="radio"/> Moderate <input type="radio"/> Severe <input type="radio"/> Unknown Type <input type="radio"/> N/A <input type="radio"/> Rime <input type="radio"/> Clear <input type="radio"/> Mixed <input type="radio"/> Unknown	Turbulence Type (Check all that apply) <input type="checkbox"/> None <input type="checkbox"/> Clear Air <input checked="" type="checkbox"/> Terrain-Induced <input type="checkbox"/> Convective Turbulence Severity <input checked="" type="checkbox"/> Light <input type="checkbox"/> Moderate <input type="checkbox"/> Severe <input type="checkbox"/> Extreme
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NOTAMS (D and FDC), AIRMETS, SIGMETs, PIREPs in effect at the time of the accident/incident:
 None

DAMAGE TO AIRCRAFT AND OTHER PROPERTY**Aircraft Damage**

- None Substantial
 Minor Destroyed
 Unknown

Aircraft Fire

- None Both Ground and In-Flight
 In-Flight Fire at Unknown Time
 On-Ground Unknown

Aircraft Explosion

- None Both Ground and In-Flight
 In-Flight Explosion at Unknown Time
 On-Ground Unknown

Description of Damage to Aircraft and Other Property *(Use additional sheet if necessary)*

Nose gear collapse. Prop damaged. Belly of nose skidded on asphalt. Minor scarring to runway surface, but not enough to close runway or alter its use.

No damage to flight control surfaces. Fiberglass belly was breached by skidding and broken nose gear. Remainder of structure remained intact.

NARRATIVE HISTORY OF FLIGHT *(Please type or print in ink)*

Describe what occurred in chronological order, including circumstances leading to and nature of accident/incident. Describe terrain and include wreckage distribution sketch if pertinent. Attach extra sheets if needed. State departure time and location, services obtained, and intended destination. Provide as much detail as possible.

Departed KRSL Russell Kansas about 11:20 CDT on an IFR flight with 2 passengers and about 70 gal. fuel (based on the weight and balance I had done). After about a half hour when I was clear of clouds, I cancelled IFR and kept flight following. My intended destination all along was KGWS, but initially I filed for a closer field to determine first whether headwinds would require an intermediate fuel stop. Since conditions were favorable, I "diverted" to KGWS, which meant simply that I didn't see the need for a fuel stop.

Since this was my first flight over/into the Rockies, I researched the trip thoroughly and had full published information about the field. Also, I called ahead a few days earlier to determine what services would be available. I have had mountain flying training and limited experience, and I reviewed my mountain flying training materials prior to the flight.

I approached the airport from the south at about 1:25 pm MDT. The AWOS (activated on CTAF with 3-clicks) stated "calm winds" and "pilot's discretion" on which runway to use. To be cautious, I overflew the field and then continued down the valley (northward) to gain enough altitude to safely turn 180 degrees. On approaching the field again, from the north, the AWOS again announced calm winds and pilot's discretion. Therefore I set up for straight in landing on 14, calling out the normal position reports for an uncontrolled field. As I crossed the threshold with full flaps I was at about 75 knots. I flared at a normal height and had the correct attitude, but when I flared the airplane sunk abruptly. I immediately increased power but I was too close to the surface (just a few feet) for that to matter. As a result of hitting the runway hard (mains first, then nose gear), the nose gear broke off. I continued to maintain directional control and gently braked to bring the plane to a stop at the normal exit point.

RECOMMENDATION (How could this accident/incident have been prevented?)

Operator/Owner Safety Recommendation

- 1) Could have chosen not to land here due to unfamiliarity with the field.
- 2) Could have carried more speed over threshold
- 3) Could have asked to speak with a local pilot prior to the flight about recommended approach techniques (although I did speak with the airport manager prior to day of flight).

MECHANICAL MALFUNCTION/FAILURE (if more space is needed, continue on separate sheet)

Was there Mechanical Malfunction/Failure? Yes No
 (If yes, list the name of the part, manufacturer, part no., serial no., and describe the failure.)

Total Time/Cycles
On Part

_____ Hours
 _____ Cycles

Time Since This Part
Inspected/Overhauled

_____ Hours

FUEL & SERVICES INFORMATION

Fuel on Board at Last Takeoff
(Convert from pounds, as necessary)

70 _____ Gallons

Fuel Type

- 80/87 115/145 Jet B Other, specify _____
 100 Low Lead Jet A JP8
 100/130 Jet A-1 Automotive

Other Services, if Any, Prior to Departure

EVACUATION OF AIRCRAFT

Was an emergency evacuation of the aircraft performed? Yes No

Method of Exit – Describe how the occupants exited and how many occupants evacuated each location

Exited through normal doors normally.

OTHER AIRCRAFT – COLLISION (if air or ground collision occurred, complete this section for other aircraft)

Aircraft Registration Number

Manufacturer: _____

Model: _____

Damage to Other Aircraft

- Destroyed Minor
 Substantial None

Registered Owner of Other Aircraft

Name: _____

City: _____

State: _____ ZIP: _____

Country: _____

Pilot of Other Aircraft

Name: _____

City: _____

State: _____ ZIP: _____

Country: _____

ADDITIONAL INFORMATION (Please type or print in Ink)

Use this space if additional space is needed for any answers.

I did an initial draft of this report the day after the incident, so that recall and information was fresh. However, I did not file it until a month later, when it was determined that this fits the "accident" rather than "incident" category. Initially I concluded this was not an "accident" based on the following:

- visually the damage appeared to be limited to the nose gear and surrounding belly, with no damage to the flight control surfaces or any other major structural features.
- a local mechanic who happened to be there and a couple of other pilots advised that the visual damage did not exceed an incident level

Subsequently, I explained this thinking to an FAA representative from the Denver FSDO, a few days later, and then to an NTSB representative from Chicago, about 2 weeks later, including sending a photo, and they advised to wait until a full inspection was done to determine extent of damage. Due to scheduling delays between insurance and Denver Cirrus shop, that did not occur until late last week, at which point I sent more detailed photos to NTSB representative, who then advised (yesterday) that I should file this report based on the skidding with broken nose gear having pierced the fiberglass belly at the nose gear.

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS COMPLETE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Date of this Report <u>09/25/2019</u> <i>mm/dd/yyyy</i>	Name of Pilot/Operator: <u>Mark A. Hall</u> Signature: _____ - or - <input checked="" type="checkbox"/> Check here to electronically sign this document
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If a Person Other than Pilot/Operator is Filing Report

Name: _____ **Title:** _____

Signature: _____

- or - Check here to electronically sign this document

FOR NTSB USE ONLY

NTSB Accident/Incident No. CEN19TA330	Reviewed by NTSB Regional Office Denver	Name of Investigator Baker	Date Report Received 9/25/19
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