

**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**

<b>Accident/Incident Location</b> Nearest City/Place: <u>Twin Falls</u> State: <u>Id</u> ZIP: <u>83301</u> Country: <u>USA</u> Latitude: <u>42.4833°N</u> Longitude: <u>114.4847°W</u> <i>(Enter in decimal degrees or degrees:minutes:seconds)</i>		<b>Accident/Incident Date/Time</b> Date: <u>03/06/2020</u> Local Time: <u>10:40 AM</u> <i>mm/dd/yyyy</i> Time Zone: <u>MST</u>	
Collision with Other Aircraft: <input type="radio"/> Midair <input type="radio"/> On-ground <input checked="" type="radio"/> None			

**AIRCRAFT INFORMATION**

Registration Number: <u>N41429</u> Manufacturer: <u>Piper</u> Model: <u>ARROW PA-28R-200</u> Serial Number: <u>28R-7435180</u> Year of Manufacture: <u>1974</u>		<input checked="" type="checkbox"/> IFR-Equipped and Certified <input type="checkbox"/> Commercial Space Flight <input type="checkbox"/> Unmanned Aircraft	
Amateur-Built: <input type="radio"/> Yes <input checked="" type="radio"/> No If Yes: <input type="radio"/> Kit/Plans <input type="radio"/> Original Design		Maximum Gross Weight: <u>2650</u> lbs Weight at Time of Accident/Incident: <u>2083</u> lbs Number of Seats: <u>4</u> Flight Crew Seats: <u>2</u> Cabin Crew Seats: _____ Passenger Seats: <u>2</u> Number of Engines: <u>1</u>	

<b>Category of Aircraft</b> <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	<b>Type of Airworthiness Certificate</b> <i>(Check all that apply)</i> <table border="0"> <tr> <th>Standard</th> <th>Special</th> </tr> <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 checked="" type="checkbox"/> None <input type="checkbox"/> Unknown	Standard	Special	<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	<b>Landing Gear</b> <i>(Check all that apply)</i> <input checked="" type="checkbox"/> Retractable <input 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 checked="" type="checkbox"/> None <input type="checkbox"/> Unknown	<b>Engine Type (Select one)</b> <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 <b>Fuel System Type (Reciprocating)</b> <input type="radio"/> Carburetor <input checked="" type="radio"/> Fuel-Injected
Standard	Special																		
<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. <i>mm/dd/yyyy</i>	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	<u>LYCOMING</u>	<u>ID-360-C1C</u>	<u>L-11846-51A</u>	<u>02/05/1974</u>	<u>200</u>	<u>5302.4</u>	<u>59.6</u>	<u>1717.4</u>
Eng. 2								
Eng. 3								
Eng. 4								

<b>Last Inspection Type</b> <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>04/05/2019</u> <i>mm/dd/yyyy</i> Airframe Total Time: <u>5302.4</u> hrs hours measured at <i>(Select one)</i> <input type="radio"/> Last Inspection <input checked="" type="radio"/> Time of Accident/Incident	<b>Propeller 1</b> <input type="radio"/> Fixed Pitch <input checked="" type="radio"/> Controllable Pitch <input type="radio"/> Ground Adjustable Manufacturer: <u>HARTZELL</u> Model: <u>HC-C24R-1BF</u>	<b>Propeller 2</b> <input type="radio"/> Fixed Pitch <input type="radio"/> Controllable Pitch <input type="radio"/> Ground Adjustable Manufacturer: <u>N/A</u> Model: _____
<b>Type of Maintenance Program (Select one)</b> <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: _____	<b>ELT Installed:</b> <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 type="checkbox"/> Unknown	<b>Additional Equipment (Check all that apply)</b> <input checked="" type="checkbox"/> ADS-B <input 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 type="checkbox"/> Electronic Multifunction Display <input type="checkbox"/> Electronic Primary Flight Display <input type="checkbox"/> Handheld GPS <input type="checkbox"/> Heads Up Display <input checked="" 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: _____
<b>Description of Fire Extinguishing System</b> <input type="radio"/> None <input checked="" type="radio"/> Specify: <u>ON BOARD HANDHELD HALON</u>	Indicate Reason: <u>LOW SPEED IMPACT</u>	

**OWNER/OPERATOR INFORMATION****Registered Aircraft Owner**Name: STRAIGHT ARROW, LLCCity: MERIDIANState: JD ZIP: \_\_\_\_\_Fractional Ownership Aircraft:  Yes  NoCountry: USA**Operator of Aircraft** Same As Registered Owner Same Address as Registered Owner

Name: \_\_\_\_\_

City: \_\_\_\_\_

Doing Business As: \_\_\_\_\_

State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Air Carrier/Operator Designator (4 Character Code): \_\_\_\_\_

Country: \_\_\_\_\_

**Operating Certificates Held***(Check all that apply)*

- None
- Flag Carrier Operating Certificate (FAR 121)
- Supplemental
- Air Cargo
- Foreign Air Carriers (FAR 129)
- Rotorcraft External Load (FAR 133)
- Commuter Air Carrier (FAR 135)
- On-Demand Air Taxi (FAR 135)
- Commercial Air Tour (FAR 136)
- Agricultural Aircraft (FAR 137)
- Pilot School (FAR 141)
- Certificate of Authorization or Waiver (COA)
- Commercial Space Transportation  
Experimental Permit
- Commercial Space Transportation License
- Other Operator of Large Aircraft

**Regulation Flight Conducted Under**

- FAR 91     FAR 129     FAR 415
- FAR 103     FAR 133     FAR 431
- FAR 121     FAR 135     FAR 435
- FAR 125     FAR 137     FAR 437
- FAR 91 Special Flight
- Non-US, Commercial
- Non-US, Non-commercial
- Public Aircraft *(Select one)*
- Armed Forces
- Federal
- State
- Local
- Unknown

**Revenue Operation for FAR 121, 125, 129, 135***(Select one for each group)*

- Scheduled or Commuter                       Domestic
- Non-Scheduled or Air Taxi                       International
- Passenger
- Cargo
- Mail Contract Only

**Purpose of Flight for FAR 91, 103, 133, 137***(Select one)*

- Aerial Application                       Firefighting                       Unknown
- Aerial Observation                       Flight Test
- Air Drop                       Glider Tow
- Air Race/Show                       Instructional
- Banner Tow                       Other Work Use
- Business                       Personal
- Executive/Corporate                       Positioning
- External Load                       Skydiving
- Ferry

**Revenue Sightseeing Flight** Yes     No**Air Medical Flight** Yes     No**AIRPORT INFORMATION (Fill in if accident/incident occurred on approach, landing, takeoff, departure, or within 3 miles of an airport)**Airport Name: JOSLIN FIELD MAGIC VALLEY AIRPORTDistance From Airport Center: 0 smAirport Identifier: KTWFDirection From Airport: 271 degrees trueProximity to Airport:  Off Airport/Airstrip     On Airport/Airstrip     N/AAirport Elevation: 4151.8 ft. msl**Runway Information**Runway ID: 26 (L/R/C) Length: 8703 ft Width: 150 ft**Condition of Runway/Landing Surface (Check all that apply)**

- Asphalt     Grass/Turf     Macadam     Water
- Concrete     Gravel     Metal/Wood
- Dirt     Ice     Snow     Unknown

- Dry     Snow-Compacted     Water-Calm
- Holes     Snow-Crusted     Water-Choppy
- Ice Covered     Snow-Dry     Water-Glassy
- Rough     Snow-Wet     Wet
- Rubber Deposits     Soft
- Slush-Covered     Vegetation     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 (Check all that apply)**

- None
- ADF/NDB     PAR     MLS     Practice
- SDF     Sidestep     LDA     GPS
- VOR/TVOR     ILS     ASR     Visual
- VOR/DME     Localizer Only     Visual     Contact
- TACAN     LOC-back course     Circling
- RNAV     Unknown

**VFR Approach (Check all that apply)**

- None
- Traffic Pattern     Stop and Go
- Straight-In     Touch and Go
- Valley/Terrain Following     Simulated Forced Landing
- Go Around     Forced Landing
- Full Stop     Precautionary Landing
- Unknown

**"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: MICHAEL   City of Residence: MERIDIAN  
 Middle Initial: E   State: IA   ZIP: 83646  
 Last Name: BATES   Country: USA  
 Age at time of Accident/Incident: 63   Date of Birth: [REDACTED] mm/dd/yyyy  
 Certificate Number: [REDACTED]

<b>Degree of Injury</b> <input checked="" type="radio"/> None <input type="radio"/> Fatal <input type="radio"/> Minor <input type="radio"/> Unknown <input type="radio"/> Serious	<b>Seat Occupied</b> <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	<b>Restraint Type</b> Available <input type="radio"/> None <input type="radio"/> Lap only <input checked="" 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 checked="" type="radio"/> 3-point <input type="radio"/> 4-point <input type="radio"/> 5-point <input type="radio"/> Unknown	<b>Inflatable Restraints</b> <input checked="" type="checkbox"/> Not Installed <input type="checkbox"/> Installed <input type="checkbox"/> Not Deployed <input type="checkbox"/> Deployed <input type="checkbox"/> Unknown

<b>Principal Occupation</b> <input type="radio"/> Pilot <input type="radio"/> Other <input type="radio"/> Unknown	<b>Medical Certificate</b> <u>BASIC MED</u> <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	<b>Medical Certificate Validity</b> <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	<b>Date of Last Medical</b> <u>12/12/2017</u> mm/dd/yyyy
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**Medical Certificate Limitations**  
BASIC MED LIMITS

**Medical Certificate Special Issuance**  
N/A

<b>Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks:</b> <u>07/01/2018</u> mm/dd/yyyy	<b>Flight Review Aircraft</b> Make: <u>PIPER</u> <u>ARROW</u> Model: <u>PA 28R-200</u>
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<b>Airplane Rating(s)</b> (Check all that apply) <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	<b>Other Aircraft Rating(s)</b> (Check all that apply) <input checked="" 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	<b>Instrument Rating(s)</b> (Check all that apply) <input checked="" type="checkbox"/> None <input type="checkbox"/> Airplane <input type="checkbox"/> Helicopter <input type="checkbox"/> Powered Lift	<b>Instructor Rating(s)</b> (Check all that apply) <input checked="" 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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<b>Type Ratings</b>	<b>Student Endorsements</b> (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	357.5	283.3	356.7	.8	8.9	.5	4.9			
Pilot in Command (PIC)	357.5	283.3	356.7	.8	8.9	.5	4.9			
Time as Instructor										
This Make/Model										
Last 90 Days	5.7	5.7	5.7							
Last 30 Days	3.8	3.8	3.8							
Last 24 Hours	1.5	1.5	1.5							

N/A

**"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: \_\_\_\_\_

<b>Degree of Injury</b> <input type="radio"/> None <input type="radio"/> Fatal <input type="radio"/> Minor <input type="radio"/> Unknown <input type="radio"/> Serious	<b>Seat Occupied</b> <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	<b>Restraint Type</b> <b>Available</b> <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 <b>Used</b> <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	<b>Inflatable Restraints</b> <input type="checkbox"/> Not Installed <input type="checkbox"/> Installed <input type="checkbox"/> Not Deployed <input type="checkbox"/> Deployed <input type="checkbox"/> Unknown
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<b>Pilot Certificate(s)</b> <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 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	<b>Principal Occupation</b> <input type="radio"/> Pilot <input type="radio"/> Other <input type="radio"/> Unknown	<b>Medical Certificate</b> <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	<b>Medical Certificate Validity</b> <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
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**Medical Certificate Limitations**

\_\_\_\_\_ mm/dd/yyyy

**Medical Certificate Special Issuance**

\_\_\_\_\_ mm/dd/yyyy

<b>Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks:</b> _____ mm/dd/yyyy	<b>Flight Review Aircraft</b> Make: _____ Model: _____
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<b>Airplane Rating(s)</b> <i>(Check all that apply)</i> <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	<b>Other Aircraft Rating(s)</b> <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	<b>Instrument Rating(s)</b> <i>(Check all that apply)</i> <input type="checkbox"/> None <input type="checkbox"/> Airplane <input type="checkbox"/> Helicopter <input type="checkbox"/> Powered Lift	<b>Instructor Rating(s)</b> <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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<b>Type Ratings</b>	<b>Student Endorsements</b> <i>(Include dates)</i>
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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										
Pilot in Command (PIC)										
Time as Instructor										
This Make/Model										
Last 90 Days										
Last 30 Days										
Last 24 Hours										

N/A

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

<b>Crew Name and Address</b>		<b>Seat Occupied</b>	<b>Injury</b>
First Name: _____ City of Residence: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____		<input type="radio"/> Left <input type="radio"/> Front <input type="radio"/> Center <input type="radio"/> Rear <input type="radio"/> Right <input type="radio"/> Single <input type="radio"/> Unknown	<input type="radio"/> None <input type="radio"/> Minor <input type="radio"/> Serious <input type="radio"/> Fatal <input type="radio"/> Unknown
<b>Pilot Certificate(s)</b> (Check all that apply)		<b>Restraint Type:</b>	
<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		<b>Available</b> <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	<b>Used</b> <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
<b>Type Rating/Endorsement for Accident/Incident Aircraft?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No		<b>Total Flight Time at the Time of this Accident/Incident:</b> _____ hrs	

<b>Crew Name and Address</b>		<b>Seat Occupied</b>	<b>Injury</b>
First Name: _____ City of Residence: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____		<input type="radio"/> Left <input type="radio"/> Front <input type="radio"/> Center <input type="radio"/> Rear <input type="radio"/> Right <input type="radio"/> Single <input type="radio"/> Unknown	<input type="radio"/> None <input type="radio"/> Minor <input type="radio"/> Serious <input type="radio"/> Fatal <input type="radio"/> Unknown
<b>Pilot Certificate(s)</b> (Check all that apply)		<b>Restraint Type:</b>	
<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		<b>Available</b> <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	<b>Used</b> <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
<b>Type Rating/Endorsement for Accident/Incident Aircraft?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No		<b>Total Flight Time at the Time of this Accident/Incident:</b> _____ 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: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____ <input type="radio"/> Crew <input type="radio"/> Passenger <input type="radio"/> Other	<input type="radio"/> Left <input type="radio"/> Center <input type="radio"/> Right <input type="radio"/> Unknown Row: _____	<input type="radio"/> None <input type="radio"/> Minor <input type="radio"/> Serious <input type="radio"/> Fatal <input type="radio"/> Unknown	<b>Available</b> <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	<b>Used</b> <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	<input type="checkbox"/> Not Installed <input type="checkbox"/> Installed <input type="checkbox"/> Not Deployed <input type="checkbox"/> Deployed <input type="checkbox"/> Unknown	<input type="checkbox"/> Under 5 years If Under 5, <input type="radio"/> Child Restraint <input type="radio"/> Lap-Held <input type="radio"/> Unknown
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____ <input type="radio"/> Crew <input type="radio"/> Passenger <input type="radio"/> Other	<input type="radio"/> Left <input type="radio"/> Center <input type="radio"/> Right <input type="radio"/> Unknown Row: _____	<input type="radio"/> None <input type="radio"/> Minor <input type="radio"/> Serious <input type="radio"/> Fatal <input type="radio"/> Unknown	<b>Available</b> <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	<b>Used</b> <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	<input type="checkbox"/> Not Installed <input type="checkbox"/> Installed <input type="checkbox"/> Not Deployed <input type="checkbox"/> Deployed <input type="checkbox"/> Unknown	<input type="checkbox"/> Under 5 years If Under 5, <input type="radio"/> Child Restraint <input type="radio"/> Lap-Held <input type="radio"/> Unknown
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____ <input type="radio"/> Crew <input type="radio"/> Passenger <input type="radio"/> Other	<input type="radio"/> Left <input type="radio"/> Center <input type="radio"/> Right <input type="radio"/> Unknown Row: _____	<input type="radio"/> None <input type="radio"/> Minor <input type="radio"/> Serious <input type="radio"/> Fatal <input type="radio"/> Unknown	<b>Available</b> <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	<b>Used</b> <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	<input type="checkbox"/> Not Installed <input type="checkbox"/> Installed <input type="checkbox"/> Not Deployed <input type="checkbox"/> Deployed <input type="checkbox"/> Unknown	<input type="checkbox"/> Under 5 years If Under 5, <input type="radio"/> Child Restraint <input type="radio"/> Lap-Held <input type="radio"/> Unknown
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____ <input type="radio"/> Crew <input type="radio"/> Passenger <input type="radio"/> Other	<input type="radio"/> Left <input type="radio"/> Center <input type="radio"/> Right <input type="radio"/> Unknown Row: _____	<input type="radio"/> None <input type="radio"/> Minor <input type="radio"/> Serious <input type="radio"/> Fatal <input type="radio"/> Unknown	<b>Available</b> <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	<b>Used</b> <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	<input type="checkbox"/> Not Installed <input type="checkbox"/> Installed <input type="checkbox"/> Not Deployed <input type="checkbox"/> Deployed <input type="checkbox"/> Unknown	<input type="checkbox"/> Under 5 years If Under 5, <input type="radio"/> Child Restraint <input type="radio"/> Lap-Held <input type="radio"/> Unknown

**FLIGHT ITINERARY INFORMATION**

<b>Last Departure Point</b> Airport ID: <u>KTWF</u> City: <u>TWIN FALLS</u> State: <u>ID</u> Country: <u>USA</u>	<b>Time of Departure</b> Time: <u>1040</u> Time Zone: <u>MOUNTAIN</u>	<b>Destination</b> Airport ID: <u>06U</u> City: <u>JAYPOT</u> State: <u>ND</u> Country: <u>USA</u>	<b>Type Flight Plan Filed</b> <input checked="" type="radio"/> None <input type="radio"/> Company VFR <input type="radio"/> Military VFR <input type="radio"/> VFR Activated? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Unknown <input type="radio"/> VFR/IFR <input type="radio"/> IFR <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 type="checkbox"/> VFR Flight Following	<input type="checkbox"/> Cruise
<input checked="" type="checkbox"/> VFR	<input 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 type="checkbox"/> Class G	<input type="checkbox"/> Military Operations Area (MOA)	<input type="checkbox"/> Special	<b>Altitude of In-Flight Occurrence:</b> _____ 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 checked="" 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**

<b>Source of Pilot Weather Information</b> (Check all that apply) <input type="checkbox"/> National Weather Service <input type="checkbox"/> Flight Service Station <input type="checkbox"/> TV/Radio <input checked="" type="checkbox"/> Automated Report <u>ASOS 1351.025</u> <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	<b>Weather Observation Facility</b> Facility ID: <u>KTWF</u> <u>ASOS 135.025</u> Observation Time: <u>10:30 MDT</u> Time Zone: <u>MOUNTAIN</u> Distance from Accident Site: <u>0</u> nm Direction from Accident Site: <u>170</u> degrees true
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<b>Basic Conditions</b> <input checked="" type="radio"/> VMC <input type="radio"/> IMC <input type="radio"/> Unknown	<b>Light Condition</b> <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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<b>Sky/Lowest Cloud Condition</b> <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	<b>Ceiling</b> <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: <u>18</u> (C) or _____ (F) Dew Point: <u>07</u> (C) or _____ (F) Altimeter Setting: <u>3002</u> in. Hg or _____ MB
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<b>Wind Direction</b> <input type="checkbox"/> Variable -or- <u>180°</u> Direction: _____ degrees true	<b>Wind Speed</b> <input type="checkbox"/> Calm <input type="checkbox"/> Light and Variable Speed: <u>18</u> kts	<b>Wind Gusts</b> <input type="checkbox"/> Not Gusting -or- <u>24</u> Speed: _____ kts	<b>Visibility</b> <u>10</u> miles RVR: _____ feet RVV: _____ miles Density Altitude: _____ ft
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<b>Intensity of Precipitation</b> <input type="radio"/> Light <input type="radio"/> Moderate <input type="radio"/> Heavy <input checked="" type="radio"/> N/A <input type="radio"/> Unknown	<b>Type of Precipitation</b> (Check all that apply) <input checked="" 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	<b>Restriction to Visibility</b> (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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<b>Icing Forecast</b> 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	<b>Icing Actual</b> 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	<b>Turbulence</b> Type (Check all that apply) <input type="checkbox"/> None <input type="checkbox"/> Clear Air <input type="checkbox"/> Terrain-Induced <input type="checkbox"/> Convective Turbulence Severity <input type="checkbox"/> Light <input checked="" type="checkbox"/> Moderate <input type="checkbox"/> Severe <input type="checkbox"/> Extreme AT 5,500'
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NOTAMS (D and FDC), AIRMETS, SIGMETs, PIREPs in effect at the time of the accident/incident:  
NONE

I CHECKED ForeFlight METAR, TAF, MOS, FORECAST DISCUSSION AND WINDS AWFT. DID NOT WRITE IT DOWN.

**DAMAGE TO AIRCRAFT AND OTHER PROPERTY**

**Aircraft Damage**

- None
- Substantial
- Minor
- Destroyed
- Unknown

**Aircraft Fire**

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

**Aircraft Explosion**

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

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

LEFT WING PITOT KNOCKED LOOSE. RIGHT WING STRUCTURE / SPAR DAMAGE  
KNOCKED DOWN NORTH MOST PAPI LIGHT

**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.

SEE ATTACHED .pdf NARRATIVE

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

Operator/Owner Safety Recommendation

REALIZE THAT THE CROSSWIND GUSTS WERE BEYOND MY PERSONAL LIMITS AND SIMPLY NOT TAKE OFF. I BELIEVE THAT WIND GUST WAS BEYOND THE AIRCRAFT LIMIT. I SHOULD HAVE REQUESTED RUNWAY 12, WHICH WAS NOT OFFERED BY THE TOWER. AFTER TALKING TO A LOCAL PILOT WHO FLEW ME HOME, HE STATED THE TOWER NEVER OFFERS RUNWAY 12. THAT WOULD HAVE BE A 50° CROSSWIND VERSUS A 90° CROSSWIND.

**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)

24 GALLONS 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

NORMAL EXIT THROUGH DOOR AT SHUTDOWN

**OTHER AIRCRAFT - COLLISION (If air or ground collision occurred, complete this section for other aircraft)**

Aircraft Registration Number

Manufacturer: \_\_\_\_\_  
 Model: N/A

Damage to Other Aircraft  
 Destroyed       Minor  
 Substantial       None

Registered Owner of Other Aircraft

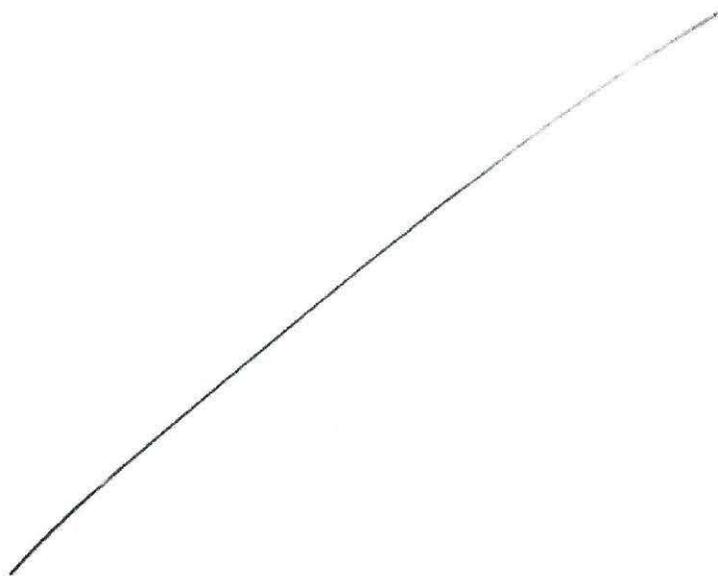
Name: \_\_\_\_\_  
 City: \_\_\_\_\_  
 State: \_\_\_\_\_ ZIP: \_\_\_\_\_  
 Country: \_\_\_\_\_

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

Date of this Report: 03/18/2020  
mm/dd/yyyy

Name of Pilot/Operator: MICHAEL E. BATES

Signature: ~~Michael E. Bates~~

- or -  Check here to electronically sign this document

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. <u>WPR20CA100</u>	Reviewed by NTSB Regional Office <u>WPR Federal Way, WA</u>	Name of Investigator <u>Tom Little</u>	Date Report Received <u>3-26-2020</u>
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