

# 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: TUCSON State: AZ  
 ZIP: 85735 Country: US  
 Latitude: 22-08-3.9600N Longitude: 111-10-28.4850W  
*(Enter in decimal degrees or degrees:minutes:seconds)*

### Accident/Incident Date/Time

Date: 3/13/2020 Local Time: 12:15  
*mm/dd/yyyy* Time Zone: 19:15

Collision with Other Aircraft:  Midair  On-ground  None

## AIRCRAFT INFORMATION

Registration Number: N15756  
 Manufacturer: Piper  
 Model: P28A  
 Serial Number: 28-7305135  
 Year of Manufacture: 1972  
 Amateur-Built:  Yes  No If Yes:  Kit/Plans  Original Design Make: \_\_\_\_\_

IFR-Equipped and Certified  
 Commercial Space Flight  
 Unmanned Aircraft

Maximum Gross Weight: ~~44928~~ 2450 lbs  
 Weight at Time of Accident/Incident: 2300 lbs  
 Number of Seats: 4 Flight Crew Seats: 2  
 Cabin Crew Seats: 2 Passenger Seats: 2  
 Number of Engines: 1

### Category of Aircraft

- Airplane
- Balloon
- Blimp/Dirigible
- Glider
- Gyroplane
- Helicopter
- Powered Lift
- Rocket
- Ultralight
- Unknown

### Type of Airworthiness Certificate

*(Check all that apply)*

- | 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 |
- Certificate of Authorization or Waiver (COA)  
 None  Unknown

### Landing Gear

*(Check all that apply)*

- Retractable  Fixed
- Tricycle  Tailwheel
- Amphibian  High Skid
- Emergency Float  Skid
- Float  Ski
- Hull  Ski/Wheel
- Other Launch/Recovery System
- None  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)

- Carburetor  Fuel-Injected

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>O-360-A4A</u>	<u>L-17175-36A</u>	<u>12/4/1972</u>	<u>180</u>	<u>4587</u>	<u>140.4</u>	<u>741.9</u>
Eng. 2								
Eng. 3								
Eng. 4								

### Last Inspection Type

- 100-Hour  Continuous Airworthiness  
 AAIP  Conditional Inspection  
 Annual  Unknown

Date Last Inspection: 7/26/2019  
*mm/dd/yyyy*

Airframe Total Time: 4430 hrs  
 hours measured at *(Select one)*  
 Last Inspection  Time of Accident/Incident

### Type of Maintenance Program (Select one)

- Annual  
 Conditional (Amateur-built only)  
 Manufacturer's Inspection Program  
 Other Approved Inspection Program (AAIP)  
 Continuous Airworthiness  
 Other, specify: \_\_\_\_\_

### Description of Fire Extinguishing System

- None  
 Specify: \_\_\_\_\_

### Propeller 1

- Fixed Pitch  
 Controllable Pitch  
 Ground Adjustable

Manufacturer: SENENICH  
 Model: 76EM855-D-60

ELT Installed:  Yes  No

If Yes:  
 ELT Manufacturer: Garnett Mfg. LTD  
 Model or Part No.: 627484-1  
 TSO No.:  C91 (121.5 MHz)  C91a (121.5 MHz)  
 OC126 (406 MHz)

Was ELT still mounted in aircraft?  Yes  No

Was ELT still connected to antenna?  Yes  No

Did ELT Activate?  Yes  No

If activated:

Did ELT Aid in Locating Aircraft:  Yes  No

If not activated:

- Indicate Reason:  Impact Damage  
 Fire Damage  
 Battery Expired/Damaged  
 Unknown

### Propeller 2

- Fixed Pitch  
 Controllable Pitch  
 Ground Adjustable

Manufacturer: \_\_\_\_\_  
 Model: \_\_\_\_\_

### Additional Equipment (Check all that apply)

- ADS-B  
 Airframe Parachute  
 Angle of Attack Indicator  
 Autopilot  
 Data Recorder  
 Electronic Flight Bag or Handheld Device  
 Electronic Multifunction Display  
 Electronic Primary Flight Display  
 Handheld GPS  
 Heads Up Display  
 Onboard Weather  
 Satellite Tracking Device  
 Stall Warning System  
 Video Recording Device  
 Other, Specify: \_\_\_\_\_

**OWNER/OPERATOR INFORMATION**

Registered Aircraft Owner

Name: Grant GustafsonCity: RedlandsState: CA ZIP: 92373Fractional Ownership Aircraft:  Yes  NoCountry: USAOperator 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: Ryan Field

Distance From Airport Center: \_\_\_\_\_ sm

Airport Identifier: KRYN

Direction From Airport: \_\_\_\_\_ degrees true

Proximity to Airport:  Off Airport/Airstrip  On Airport/Airstrip  N/A

Airport Elevation: \_\_\_\_\_ ft. msl

**Runway Information**Runway ID: 24L (L/R/C) Length: 5500 ft Width: 75 ft**Condition of Runway/Landing Surface** (Check all that apply)**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  
 VOR/DME     Localizer Only     Visual  
 TACAN     LOC-back course     Contact  
 RNAV     Circling  
 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: Marie Eugenia Zilio

City of Residence: Minneapolis

Middle Initial: E

State: MN ZIP: 55409

Last Name: Zilio

Country: USA 55423

Age at time of Accident/Incident: \_\_\_\_\_ Date of Birth: \_\_\_\_\_

Certificate Number: \_\_\_\_\_

<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 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>Pilot Certificate(s) (Check all that apply)</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 checked="" type="checkbox"/> Student <input type="checkbox"/> Sport <input type="checkbox"/> Flight Engineer			

<b>Principal Occupation</b> <input type="radio"/> Pilot <input checked="" type="radio"/> Other <input type="radio"/> Unknown	<b>Medical Certificate</b> <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	<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>01/28/2020</u> mm/dd/yyyy
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**Medical Certificate Limitations**  
NONE

**Medical Certificate Special Issuance**  
N/A

<b>Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks:</b> <u>N/A</u> mm/dd/yyyy	<b>Flight Review Aircraft</b> Make: _____ Model: _____
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<b>Airplane Rating(s) (Check all that apply)</b> <input checked="" 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) (Check all that apply)</b> <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) (Check all that apply)</b> <input checked="" type="checkbox"/> None <input type="checkbox"/> Airplane <input type="checkbox"/> Helicopter <input type="checkbox"/> Powered Lift	<b>Instructor Rating(s) (Check all that apply)</b> <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 (Include dates)</b> <u>Solo</u>
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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	37.5	30.1	37.5	-	-	-	-	-	-	-
Pilot in Command (PIC)										
Time as Instructor										
This Make/Model	[REDACTED]									
Last 90 Days										
Last 30 Days										
Last 24 Hours										

# "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

NONE

## "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> <table> <tr> <th>Available</th> <th>Used</th> </tr> <tr> <td><input type="radio"/> None</td> <td><input type="radio"/> None</td> </tr> <tr> <td><input type="radio"/> Lap only</td> <td><input type="radio"/> Lap only</td> </tr> <tr> <td><input type="radio"/> 3-point</td> <td><input type="radio"/> 3-point</td> </tr> <tr> <td><input type="radio"/> 4-point</td> <td><input type="radio"/> 4-point</td> </tr> <tr> <td><input type="radio"/> 5-point</td> <td><input type="radio"/> 5-point</td> </tr> <tr> <td><input type="radio"/> Unknown</td> <td><input type="radio"/> Unknown</td> </tr> </table>	Available	Used	<input type="radio"/> None	<input type="radio"/> None	<input type="radio"/> Lap only	<input type="radio"/> Lap only	<input type="radio"/> 3-point	<input type="radio"/> 3-point	<input type="radio"/> 4-point	<input type="radio"/> 4-point	<input type="radio"/> 5-point	<input type="radio"/> 5-point	<input type="radio"/> Unknown	<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
Available	Used																
<input type="radio"/> None	<input type="radio"/> None																
<input type="radio"/> Lap only	<input type="radio"/> Lap only																
<input type="radio"/> 3-point	<input type="radio"/> 3-point																
<input type="radio"/> 4-point	<input type="radio"/> 4-point																
<input type="radio"/> 5-point	<input type="radio"/> 5-point																
<input type="radio"/> Unknown	<input type="radio"/> Unknown																
<b>Pilot Certificate(s) (Check all that apply)</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>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	<b>Date of Last Medical</b> _____ mm/dd/yyyy
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**Medical Certificate Limitations**

\_\_\_\_\_

**Medical Certificate Special Issuance**

\_\_\_\_\_

<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) (Check all that apply)</b> <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) (Check all that apply)</b> <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) (Check all that apply)</b> <input type="checkbox"/> None <input type="checkbox"/> Airplane <input type="checkbox"/> Helicopter <input type="checkbox"/> Powered Lift	<b>Instructor Rating(s) (Check all that apply)</b> <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 (Include dates)</b> _____
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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										



# FLIGHT ITINERARY INFORMATION

<b>Last Departure Point</b> Airport ID: <u>KRYN</u> City: <u>TUCSON</u> State: <u>AZ</u> Country: <u>USA</u>	<b>Time of Departure</b> Time: <u>1130</u> Time Zone: <u>MT</u>	<b>Destination</b> Airport ID: <u>KRYN</u> City: <u>TUCSON</u> State: <u>AZ</u> Country: <u>USA</u>	<b>Type Flight Plan Filed</b> <input checked="" type="radio"/> None <input type="radio"/> VFR/IFR <input type="radio"/> Company VFR <input type="radio"/> IFR <input type="radio"/> Military VFR <input type="radio"/> Unknown <input type="radio"/> VFR Activated? <input 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 checked="" type="checkbox"/> None	<input type="checkbox"/> Special VFR	<input type="checkbox"/> Special IFR	<input type="checkbox"/> VFR Flight Following	<input type="checkbox"/> Cruise
<input 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> <u>Ground</u> 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 checked="" 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 (Check all that apply)</b> <input 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 type="checkbox"/> On-Board Weather <input type="checkbox"/> Company <input type="checkbox"/> Military <input type="checkbox"/> Internet <input checked="" type="checkbox"/> None <input type="checkbox"/> Unknown	<b>Weather Observation Facility</b> Facility ID: _____ Observation Time: _____ Time Zone: _____ Distance from Accident Site: _____ nm Direction from Accident Site: _____ 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 type="radio"/> Dusk <input type="radio"/> Dark Night <input type="radio"/> Unknown <input checked="" type="radio"/> Day <input type="radio"/> Night <input type="radio"/> Bright Night
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<b>Sky/Lowest Cloud Condition</b> <input type="radio"/> Clear <input type="radio"/> Thin Broken <input type="radio"/> Few <input type="radio"/> Thin Overcast <input type="radio"/> Partial Obscuration <input type="radio"/> Unknown <input checked="" type="radio"/> Scattered	<b>Ceiling</b> <input type="radio"/> None (Clear) <input type="radio"/> Obscured <input checked="" type="radio"/> Broken <input type="radio"/> Indefinite <input type="radio"/> Overcast <input type="radio"/> Unknown	<b>Temperature:</b> _____ (C) or <u>65</u> (F) <b>Dew Point:</b> _____ (C) or _____ (F) <b>Altimeter Setting:</b> _____ in. Hg or _____ MB
<b>Lowest Cloud Condition Height</b> <u>4000</u> ft agl	<b>Ceiling Height</b> <u>4000</u> ft agl	

<b>Wind Direction</b> <input checked="" type="checkbox"/> Variable -or- Direction: _____ degrees true	<b>Wind Speed</b> <input type="checkbox"/> Calm <input checked="" type="checkbox"/> Light and Variable -or- Speed: _____ kts	<b>Wind Gusts</b> <input checked="" type="checkbox"/> Not Gusting -or- Speed: _____ kts	<b>Visibility</b> <u>10</u> miles RVR: _____ feet RVV: _____ miles <b>Density Altitude:</b> _____ 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 (Check all that apply)</b> <input checked="" type="checkbox"/> None <input type="checkbox"/> Drizzle <input type="checkbox"/> Freezing Rain <input type="checkbox"/> Rain <input type="checkbox"/> Ice Pellets <input type="checkbox"/> Snow Shower <input type="checkbox"/> Snow <input type="checkbox"/> Snow Pellets <input type="checkbox"/> Ice Pellets Shower <input type="checkbox"/> Hail <input type="checkbox"/> Snow Grains <input type="checkbox"/> Freezing Drizzle <input type="checkbox"/> Rain Showers <input type="checkbox"/> Ice Crystals	<b>Restriction to Visibility (Check all that apply)</b> <input checked="" type="checkbox"/> None <input type="checkbox"/> Fog <input type="checkbox"/> Blowing Dust <input type="checkbox"/> Ground Fog <input type="checkbox"/> Blowing Sand <input type="checkbox"/> Haze <input type="checkbox"/> Blowing Snow <input type="checkbox"/> Ice Fog <input type="checkbox"/> Blowing Spray <input type="checkbox"/> Smoke <input type="checkbox"/> Dust <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 checked="" type="checkbox"/> None <input type="checkbox"/> Clear Air <input type="checkbox"/> Terrain-Induced <input type="checkbox"/> Convective Turbulence Severity: <input 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:

# DAMAGE TO AIRCRAFT AND OTHER PROPERTY

## Aircraft Damage

- None  
 Minor  
 Substantial  
 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 sheets if necessary)

- Landed  
 - Deviated to right  
 - Overcompensated to left  
 - Exited runway

- Hit windsock with right wing
- jumped ditch
- prop strike
- ground loop to full stop

## 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.

Student had performed multiple satisfactory touch and gos, followed by rest. Upon returning to touch and gos, performed several additional indicating readings to solo. She was instructed to proceed to solo while I remained at outside taxiway giving advice over hand held radio. Student performed two acceptable touch and gos. On the third she veered slightly to right after touch down and overcompensated to left. She proceeded at an angle of approximately 30° left of runway, colliding right wing to wind sock, shearing approximately 18" of wing. She continued in same direction until she jumped over ditch causing prop strike. After ditch she did a ground loop to the right of about 200°, coming to rest about 30 feet from taxiway. Engine was shut off. I proceeded to the aircraft. Electrical had been shut off. Student was shaken, but had no signs of physical injury. No fire or fuel leak was noted to have occurred.



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

Operator/Owner Safety Recommendation

Positive directional control for mild deviations from runway midline, maintaining aircraft centered in runway

**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)  
\_\_\_\_\_ 30 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

N/A

**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

Through single exit door

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

**Aircraft Registration Number** \_\_\_\_\_ N/A      **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 HEREBY CERTIFY THAT THE ABOVE INFORMATION IS COMPLETE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Date of this Report

5/7/2020  
mm/dd/yyyy

Name of Pilot/Operator: \_\_\_\_\_

Signature: \_\_\_\_\_

-- or --  Check here to electronically sign this document

If a Person Other than Pilot/Operator is Filing Report

Name: Toilo Barbosa

Title: flight instructor

Signature: \_\_\_\_\_

-- or --  Check here to electronically sign this document

**FOR NTSB USE ONLY**

NTSB Accident/Incident No.  
WPR20CA138

Reviewed by NTSB Regional Office  
AS-WPR

Name of Investigator  
Tealey Cornejo

Date Report Received



**DAMAGE TO AIRCRAFT AND OTHER PROPERTY**

<b>Aircraft Damage</b> <input type="radio"/> None <input checked="" type="radio"/> Substantial <input type="radio"/> Minor <input type="radio"/> Destroyed <input type="radio"/> Unknown		<b>Aircraft Fire</b> <input checked="" type="radio"/> None <input type="radio"/> Both Ground and In-Flight <input type="radio"/> In-Flight <input type="radio"/> Fire at Unknown Time <input type="radio"/> On-Ground <input type="radio"/> Unknown		<b>Aircraft Explosion</b> <input checked="" type="radio"/> None <input type="radio"/> Both Ground and In-Flight <input type="radio"/> In-Flight <input type="radio"/> Explosion at Unknown Time <input type="radio"/> On-Ground <input type="radio"/> Unknown	
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Description of Damage to Aircraft and Other Property (Use additional sheet if necessary)

- Right wingtip hit wind sock of the airport; there was no damage to the wind sock. Wing tip came off.
- Propeller hit the ground; bending caused damage to the nose of the aircraft.

**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 and location, services obtained, and intended destination. Provide as much detail as possible.

I was ready to solo on the 13<sup>th</sup>, after many practices of touch & go with my instructor, I was ready to make them by myself. I took off for the solo flight from runway 24L, and I have completed two of them successfully, following the pattern. That was around 11:30 and 12:00, there was partial wind at that time but no visibility issues. On my third round of doing touch & go, I was getting close to the runway, as I was making my corrections to land, I've landed. However, I had too much pressure on the right rudder. I made a mistake when I overcorrected myself by stepping too aggressive on the left rudder. There was when I lost control of the aircraft, because I exit the runway and went on the soft field. I got scared and could no longer control the aircraft. While I was running on the soft field, I hit the tip of the wing on the wind sock, to finally cross a ditch and hit the propeller on the ground. After that I came for a full stop.

**ADDITIONAL INFORMATION** (Please type or print in ink)

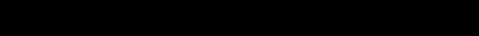
Use this space if additional space is needed for any answers.

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

Date of this Report

05/08/2020  
mm/dd/yyyy

Name of Pilot/Operator: Maria Eugenia Zilio

Signature: 

- 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. WPR20CA138	Reviewed by NTSB Regional Office AS-WPR	Name of Investigator Tealeye Cornejo	Date Report Received
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**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: 05/08/2020  
mm/dd/yyyy

Name of Pilot/Operator: Maria Eugênia Zilio

Signature: \_\_\_\_\_

-- 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. WPR20CA138	Reviewed by NTSB Regional Office AS-WPR	Name of Investigator Tealeye Comejo	Date Report Received 05/11/20
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**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: 5/7/2020  
mm/dd/yyyy  
Name of Pilot/Operator: \_\_\_\_\_  
Signature: \_\_\_\_\_  
- or -  Check here to electronically sign this document

If a Person Other than Pilot/Operator is Filing Report  
Name: Toilo Barbosa  
Signature: \_\_\_\_\_  
Title: flight instructor  
- or -  Check here to electronically sign this document

**FOR NTSB USE ONLY**

NTSB Accident/Incident No. WPR20CA138	Reviewed by NTSB Regional Office AS-WPR	Name of Investigator Tealeye Comejo	Date Report Received 05/11/20
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