

# 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: Miami State: FL  
 ZIP: 33186 Country: USA  
 Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_  
*(Enter in decimal degrees or degrees:minutes:seconds)*

Accident/Incident Date/Time  
 Date: 08/05/2019 Local Time: 09:48 am  
*mm/dd/yyyy* Time Zone: 1348Z

Collision with Other Aircraft:  Midair  On-ground  None

## AIRCRAFT INFORMATION

Registration Number: NS915U  
 Manufacturer: Piper  
 Model: Mercury PA-28-140  
 Serial Number: 28-26897  
 Year of Manufacture: 1970  
 Amateur-Built:  Yes  No If Yes:  Kit/Plans  Original Design Make: Piper

IFR-Equipped and Certified  
 Commercial Space Flight  
 Unmanned Aircraft  
 Maximum Gross Weight: 2300 lbs  
 Weight at Time of Accident/Incident: 2300 lbs  
 Number of Seats: 4 Flight Crew Seats: 2  
 Cabin Crew Seats: \_\_\_\_\_ 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)*
- |  |   |
|--|---|
| <b>Standard</b>                            | <b>Special</b>                                    |
| <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
  - 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-320</u>			<u>160</u>	<u>2000</u>	<u>60</u>	<u>2000</u>
Eng. 2								
Eng. 3								
Eng. 4								

**Last Inspection Type**

100-Hour  Continuous Airworthiness  
 AAIP  Conditional Inspection  
 Annual  Unknown

Date Last Inspection: 7-24-19  
*mm/dd/yyyy*  
 Airframe Total Time: 9800 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: Hartzell  
 Model: \_\_\_\_\_

**ELT Installed:**  Yes  No  
 If Yes:  
 ELT Manufacturer: \_\_\_\_\_  
 Model or Part No.: \_\_\_\_\_  
 TSO No.:  OC91 (121.5 MHz)  OC91a (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: OSORIO AVIATION CORPCity: MiamiState: FL ZIP: 33186Fractional 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: Miami Executive Air PORT

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

Airport Identifier: KTHB

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

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

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

**Runway Information**Runway ID: 24R (L/R/C) Length: 5003 ft Width: 150 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                       Visual
- VOR/DME                       Localizer Only                       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: Daniel  
 Middle Initial: W  
 Last Name: Vaca

City of Residence: Miami  
 State: FL   ZIP: 33196  
 Country: USA

Age at time of Accident/Incident: \_\_\_\_\_ Date of Birth: [REDACTED] *mm/dd/yyyy*  
 Certificate Number: [REDACTED]

**Degree of Injury**

None    Fatal  
 Minor    Unknown  
 Serious

**Seat Occupied**

Left    Front    Unknown  
 Right    Rear  
 Center    Single

**Restraint Type**

**Available**  
 None  
 Lap only  
 3-point  
 4-point  
 5-point  
 Unknown

**Used**  
 None  
 Lap only  
 3-point  
 4-point  
 5-point  
 Unknown

**Inflatable Restraints**

Not Installed  
 Installed  
 Not Deployed  
 Deployed  
 Unknown

**Pilot Certificate(s) (Check all that apply)**

None    Flight Instructor    Commercial    US Military  
 Private    Recreational    Airline Transport    Foreign  
 Student    Sport    Flight Engineer

**Principal Occupation**

Pilot  
 Other  
 Unknown

**Medical Certificate**

None    Class 3  
 Class 1    Driver's License (Sport Pilot only)  
 Class 2    Unknown

**Medical Certificate Validity**

Without limitations/waivers    Unknown  
 With limitations/waivers    N/A  
 Special Issuance

**Date of Last Medical**

05/16/18  
*mm/dd/yyyy*

**Medical Certificate Limitations**

**Medical Certificate Special Issuance**

**Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks:** 02/11/2019  
*mm/dd/yyyy*

**Flight Review Aircraft**

Make: Cessna  
 Model: 172

**Airplane Rating(s) (Check all that apply)**

None  
 Single-Engine Land  
 Single-Engine Sea  
 Multiengine Land  
 Multiengine Sea

**Other Aircraft Rating(s) (Check all that apply)**

None  
 Airship  
 Balloon  
 Glider  
 Gyroplane  
 Helicopter  
 Powered Lift

**Instrument Rating(s) (Check all that apply)**

None  
 Airplane  
 Helicopter  
 Powered Lift

**Instructor Rating(s) (Check all that apply)**

None    Instrument Airplane  
 Airplane Single-Engine    Instrument Helicopter  
 Airplane Multi-Engine    Helicopter  
 Gyroplane    Glider  
 Powered Lift    Sport

**Type Ratings**

**Student Endorsements (Include dates)**

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	1584	4.3	1285	256.6	183	8.7	124			
Pilot in Command (PIC)	1399	4.3	1142	246	178.9	8.7	124			
Time as Instructor	1177	4.3	921	232.6	128.7	5.8	10.2			
This Make/Model										
Last 90 Days	56	4.3	56							
Last 30 Days	50	4.3	56							
Last 24 Hours	2.8		2.8							

**"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: Catalina City of Residence: Miami  
 Middle Initial: B State: FL ZIP: 33186  
 Last Name: Carter Country: USA  
 Age at time of Accident/Incident: 18 Date of Birth: [REDACTED] mm/dd/yyyy  
 Certificate Number: [REDACTED]

<b>Degree of Injury</b> <input type="radio"/> None <input type="radio"/> Fatal <input type="radio"/> Minor <input type="radio"/> Unknown <input checked="" type="radio"/> Serious	<b>Seat Occupied</b> <input checked="" type="radio"/> Left <input checked="" 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 style="width: 100%;"> <tr> <th style="text-align: left;">Available</th> <th style="text-align: left;">Used</th> </tr> <tr> <td><input type="radio"/> None</td> <td><input type="radio"/> None</td> </tr> <tr> <td><input checked="" type="radio"/> Lap only</td> <td><input checked="" 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 checked="" type="radio"/> Lap only	<input checked="" 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 checked="" 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 checked="" type="radio"/> Lap only	<input checked="" 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																

**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 checked="" type="checkbox"/> Private	<input type="checkbox"/> Recreational	<input type="checkbox"/> Airline Transport	<input checked="" type="checkbox"/> Foreign
<input type="checkbox"/> Student	<input type="checkbox"/> Sport	<input type="checkbox"/> Flight Engineer	

<b>Principal Occupation</b> <input checked="" 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 checked="" 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>11/16/2018</u> 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> <u>04/27/2019</u> mm/dd/yyyy	<b>Flight Review Aircraft</b> Make: <u>Piper</u> Model: <u>Cheerokee PA-28-140</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	99.7	7.5	99.7				4.4			
Pilot in Command (PIC)	66	7.5	66				4.4			
Time as Instructor										
This Make/Model							1.1			
Last 90 Days	50	7.5	50							
Last 30 Days	31	5								
Last 24 Hours										

**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: _____	<input type="radio"/> Left	<input type="radio"/> Front	<input type="radio"/> None
Middle Initial: _____	State: _____ ZIP: _____	<input type="radio"/> Center	<input type="radio"/> Rear	<input type="radio"/> Minor
Last Name: _____	Country: _____	<input type="radio"/> Right	<input type="radio"/> Single	<input type="radio"/> Serious
			<input type="radio"/> Unknown	<input type="radio"/> Fatal
				<input type="radio"/> Unknown
<b>Pilot Certificate(s)</b> (Check all that apply)		<b>Restraint Type:</b>		<b>Inflatable Restraints</b>
<input type="checkbox"/> None	<input type="checkbox"/> Flight Instructor	<input type="checkbox"/> Commercial	<input type="checkbox"/> US Military	<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"/> 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>	<b>Used</b>	
<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		
		<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>Crew Name and Address</b>		<b>Seat Occupied</b>		<b>Injury</b>
First Name: _____	City of Residence: _____	<input type="radio"/> Left	<input type="radio"/> Front	<input type="radio"/> None
Middle Initial: _____	State: _____ ZIP: _____	<input type="radio"/> Center	<input type="radio"/> Rear	<input type="radio"/> Minor
Last Name: _____	Country: _____	<input type="radio"/> Right	<input type="radio"/> Single	<input type="radio"/> Serious
			<input type="radio"/> Unknown	<input type="radio"/> Fatal
				<input type="radio"/> Unknown
<b>Pilot Certificate(s)</b> (Check all that apply)		<b>Restraint Type:</b>		<b>Inflatable Restraints</b>
<input type="checkbox"/> None	<input type="checkbox"/> Flight Instructor	<input type="checkbox"/> Commercial	<input type="checkbox"/> US Military	<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"/> 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>	<b>Used</b>	
<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		
		<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	

**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>Manuel</u> City: <u>Miami</u> Middle Initial: <u>E</u> State: _____ ZIP: <u>33186</u> Last Name: <u>Pacheco</u> Country: _____ <input type="radio"/> Crew <input checked="" type="radio"/> Passenger <input type="radio"/> Other	<input checked="" 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 checked="" type="radio"/> Serious <input type="radio"/> Fatal <input type="radio"/> Unknown	<b>Available</b> <input type="radio"/> None <input checked="" 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 checked="" type="radio"/> Lap Only <input type="radio"/> 3-point <input type="radio"/> 4-point <input type="radio"/> 5-point <input type="radio"/> Unknown	<input checked="" 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="checkbox"/> Child Restraint <input type="checkbox"/> Lap-Held <input type="checkbox"/> 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="checkbox"/> Child Restraint <input type="checkbox"/> Lap-Held <input type="checkbox"/> 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="checkbox"/> Child Restraint <input type="checkbox"/> Lap-Held <input type="checkbox"/> 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="checkbox"/> Child Restraint <input type="checkbox"/> Lap-Held <input type="checkbox"/> Unknown

### FLIGHT ITINERARY INFORMATION

<b>Last Departure Point</b> Airport ID: <u>KTMB</u> City: <u>Miami</u> State: <u>FL</u> Country: <u>USA</u>	<b>Time of Departure</b> Time: <u>9:38 am</u> Time Zone: <u>1348Z</u>	<b>Destination</b> Airport ID: <u>KTMB</u> City: <u>Miami</u> State: <u>FL</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 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
<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	

**Altitude of In-Flight Occurrence:** \_\_\_\_\_ ft msl

### WEATHER INFORMATION AT THE ACCIDENT/INCIDENT SITE

<b>Source of Pilot Weather Information (Check all that apply)</b> <input checked="" type="checkbox"/> National Weather Service <input type="checkbox"/> Company <input type="checkbox"/> Flight Service Station <input type="checkbox"/> Military <input type="checkbox"/> TV/Radio <input type="checkbox"/> Internet <input type="checkbox"/> Automated Report <input type="checkbox"/> None <input type="checkbox"/> Commercial Weather Service (DUATS) <input type="checkbox"/> Unknown <input type="checkbox"/> On-Board Weather	<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 type="radio"/> Scattered	<b>Celling</b> <input checked="" type="radio"/> None (Clear) <input type="radio"/> Obscured <input type="radio"/> Broken <input type="radio"/> Indefinite <input type="radio"/> Overcast <input type="radio"/> Unknown	<b>Temperature:</b> <u>26</u> (C) or _____ (F) <b>Dew Point:</b> <u>25</u> (C) or _____ (F) <b>Altimeter Setting:</b> _____ in. Hg or _____ MB
<b>Lowest Cloud Condition Height</b> _____ ft agl	<b>Ceiling Height</b> _____ ft agl	

<b>Wind Direction</b> <input type="checkbox"/> Variable -or- Direction: <u>000</u> degrees true	<b>Wind Speed</b> <input checked="" type="checkbox"/> Calm <input 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      Type <input checked="" type="radio"/> None <input checked="" type="radio"/> N/A <input type="radio"/> Trace <input type="radio"/> Rime <input type="radio"/> Light <input type="radio"/> Clear <input type="radio"/> Moderate <input type="radio"/> Mixed <input type="radio"/> Severe <input type="radio"/> Unknown <input type="radio"/> Unknown	<b>Icing Actual</b> Amount      Type <input checked="" type="radio"/> None <input checked="" type="radio"/> N/A <input type="radio"/> Trace <input type="radio"/> Rime <input type="radio"/> Light <input type="radio"/> Clear <input type="radio"/> Moderate <input type="radio"/> Mixed <input type="radio"/> Severe <input type="radio"/> Unknown <input type="radio"/> Unknown	<b>Turbulence</b> Type (Check all that apply)      Severity <input checked="" type="checkbox"/> None <input type="checkbox"/> Light <input type="checkbox"/> Clear Air <input type="checkbox"/> Moderate <input type="checkbox"/> Terrain-Induced <input type="checkbox"/> Severe <input type="checkbox"/> Convective Turbulence <input type="checkbox"/> Extreme
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**NOTAMS (D and FDC), AIRMETs, SIGMETs, PIREPs in effect at the time of the accident/incident:**  
 08/002 - OBST TOWER LGT, 07/064 (A0423/19) - TWY AA CHANGED TO TWY  
 07/059 (A0417/19) - TWY D CHANGED TO TWY DI, 07/058 (A0416/19) -  
 TWY A CHANGED TO TWY AI

**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)

The landing gear collars and the propeller was twisted on the top.

**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.

Date of accident: 08/09/2019  
 Time: 1348 / 09:48 am  
 CO-PILOT: Catalina Betén Cortés Jéner.

In the aircraft were 3 people, my instructor Daniel Vaca, my friend Marcelo Pacheco and me Catalina Cortés. We made the pre-flight, put 1/4 of oil totally 7/8 of oil, then we check the fuel that was around 35-40 gallons. we went inside the aircraft, we used the check list and started the airplane. was a normal starting, we copied the ATIS. The runway in use was 27R. then we taxi via ALPHA to 27R. we did the runup at the hold short 27R following the checklist, all the instruments were checked everything was normal, magnetos dropped about 50 RPMs each one, engine gauges all in green. we called ground and monitor tower, they gave us clearance for departure. I did the take off rotate at 75 knots. At 200 FT. start to dropped (partial lost power) then my instructor took the control and communicated with the tower and requested GR that is the parallel runway. He started the turn and then we had complete lost of power, so we decided to land straight in a corn field, was a forced landing. after the crash I went outside the airplane, I was out and finally I just got back the conscious at the hospital.

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

Operator/Owner Safety Recommendation

**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)

40 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**

we added oil

**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

the instructor opened the door and told us to exit.

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

Date of this Report

08/13/2019  
mm/dd/yyyy

Name of Pilot/Operator: [Redacted]

Signature: [Redacted]

— 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.  
CEN19LA252

Reviewed by NTSB Regional Office  
Denver, CO

Name of Investigator  
Edward Malinowski

Date Report Received  
8/13/19