

NATIONAL TRANSPORTATION SAFETY BOARD PILOT/OPERATOR AIRCRAFT ACCIDENT/INCIDENT REPORT This form to be used for reporting civil and public aircraft accidents and incidents																																																				
BASIC INFORMATION																																																				
Accident/Incident Location Nearest City/Place <u>Dayton Xenia</u> State <u>OH</u> ZIP <u>45385</u> Country <u>USA</u> Latitude <u>39.69°N</u> Longitude <u>83.99°W</u> <i>(Enter in decimal degrees or degrees minutes seconds)</i>				Accident/Incident Date/Time Date <u>10/22/2020</u> Local Time <u>6 19:00</u> <i>mm dd yyyy</i> Time Zone <u>EST</u>																																																
Collision with Other Aircraft: ☐ Midair ☐ On-ground ☒ None																																																				
AIRCRAFT INFORMATION																																																				
Registration Number: <u>N513JP</u> Manufacturer: <u>Cirrus Aircraft</u> Model: <u>SR-22T</u> Serial Number: _____ Year of Manufacture: _____ Amateur-Built: ☐ Yes ☒ No If Yes: ☐ Kit/Plans Make _____ ☐ Original Design _____				☒ IFR-Equipped and Certified ☐ Commercial Space Flight ☐ Unmanned Aircraft Maximum Gross Weight: <u>3600</u> lbs Weight at Time of Accident/Incident: <u>3550</u> lbs Number of Seats: <u>5</u> Flight Crew Seats <u>2</u> Cabin Crew Seats _____ Passenger Seats <u>3</u> Number of Engines: <u>1</u>																																																
Category of Aircraft ☒ Airplane ☐ Balloon ☐ Blimp/Dirigible ☐ Glider ☐ Gyroplane ☐ Helicopter ☐ Powered Lift ☐ Rocket ☐ Ultralight ☐ Unknown		Type of Airworthiness Certificate <i>(Check all that apply)</i> Standard ☒ Normal ☐ Aerobatic ☐ Balloon ☐ Commuter ☐ Transport ☐ Utility Special ☐ Restricted ☐ Limited ☐ Provisional ☐ Special Flight ☐ Experimental ☐ Special Light-Sport ☐ Experimental Light-Sport ☐ Certificate of Authorization or Waiver (COA) ☐ None ☐ Unknown		Landing Gear <i>(Check all that apply)</i> ☐ Retractable ☒ Tricycle ☐ Amphibian ☐ Emergency Float ☐ Float ☐ Hull ☐ Other Launch/Recovery System ☐ None ☐ Unknown ☐ Tailwheel ☐ High Skid ☐ Skid ☐ Ski ☐ Ski/Wheel		Engine Type (Select one) ☒ Reciprocating ☐ Liquid Rocket ☐ Turbo Shaft ☐ Solid Rocket ☐ Turbo Prop ☐ Hybrid Rocket ☐ Turbo Jet ☐ None ☐ Turbo Fan ☐ Unknown Fuel System Type (Reciprocating) ☐ Carburetor ☒ Fuel-Injected																																														
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Engine</th> <th>Engine Manufacturer</th> <th>Engine Model/Serial</th> <th>Manufacturer's Serial Number</th> <th>Date of Mfg. mm dd yyyy</th> <th>Rated Power or lbs of Thrust</th> <th>Total Time (hours)</th> <th>Time Since: Inspection (hours)</th> <th>Time Since: Overhaul (hours)</th> </tr> </thead> <tbody> <tr> <td>Eng 1</td> <td><u>Continental</u></td> <td><u>TSE0-550-K</u></td> <td></td> <td></td> <td><u>315</u></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Eng 2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Eng 3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Eng 4</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Engine	Engine Manufacturer	Engine Model/Serial	Manufacturer's Serial Number	Date of Mfg. mm dd yyyy	Rated Power or lbs of Thrust	Total Time (hours)	Time Since: Inspection (hours)	Time Since: Overhaul (hours)	Eng 1	<u>Continental</u>	<u>TSE0-550-K</u>			<u>315</u>				Eng 2									Eng 3									Eng 4															
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Last Inspection Type ☐ 100-Hour ☐ Continuous Airworthiness ☐ AAIP ☐ Conditional Inspection ☐ Annual ☐ Unknown Date Last Inspection: _____ <i>mm dd yyyy</i> Airframe Total Time: _____ hrs hours measured at (Select one) ☐ Last Inspection ☐ Time of Accident/Incident				Propeller 1 ☐ Fixed Pitch ☐ Controllable Pitch ☐ Ground Adjustable Manufacturer: _____ Model: _____				Propeller 2 ☐ Fixed Pitch ☐ Controllable Pitch ☐ Ground Adjustable Manufacturer: _____ Model: _____																																												
Type of Maintenance Program (Select one) ☐ Annual ☐ Conditional (Amateur-built only) ☐ Manufacturer's Inspection Program ☐ Other Approved Inspection Program (AAIP) ☐ Continuous Airworthiness ☐ Other, specify _____				ELT Installed: ☒ Yes ☐ No If Yes: ELT Manufacturer: <u>Artex</u> Model or Part No.: <u>Artex ELT 1000</u> TSO No.: ☐ OC91 (121.5 MHz) ☐ OC91a (121.5 MHz) ☒ C126 (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				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 _____																																												
Description of Fire Extinguishing System ☐ None ☐ Specify _____																																																				

OWNER/OPERATOR INFORMATION			
Registered Aircraft Owner		City: _____	
Name: _____		State: _____ ZIP: _____	
Fractional Ownership Aircraft: ☐ Yes ☐ No		Country: _____	
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 <i>(Check all that apply)</i> ☐ 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 <i>(Select one)</i> ☐ Armed Forces ☐ Federal ☐ State ☐ Local ☐ Unknown	Revenue Operation for FAR 121, 125, 129, 135 <i>(Select one for each group)</i> ☐ Scheduled or Commuter ☐ Non-Scheduled or Air Taxi ☐ Domestic ☐ International ☐ Passenger ☐ Cargo ☐ Mail Contract Only	
Purpose of Flight for FAR 91, 103, 133, 137 <i>(Select one)</i> ☐ Aerial Application ☐ Aerial Observation ☐ Air Drop ☐ Air Race/Show ☐ Banner Tow ☒ Business ☐ Executive/Corporate ☐ External Load ☐ Ferry ☐ Firefighting ☐ Flight Test ☐ Glider Tow ☐ Instructional ☐ Other Work Use ☐ Personal ☐ Positioning ☐ Skydiving ☐ Unknown			
Revenue Sightseeing Flight ☐ Yes ☒ No		Air Medical Flight ☐ Yes ☒ No	
AIRPORT INFORMATION <i>(Fill in if accident/incident occurred on approach, landing, takeoff, departure, or within 3 miles of an airport)</i>			
Airport Name: <u>Greene County - Lewis A Jackson Regional</u>		Distance From Airport Center: <u>1.5</u> sm	
Airport Identifier: <u>I19</u>		Direction From Airport: <u>250</u> degrees true	
Proximity to Airport: ☐ Off Airport/Airstrip ☒ On Airport/Airstrip ☐ N/A		Airport Elevation: <u>949</u> ft msl	
Runway Information Runway ID <u>25</u> (L/R/C) Length <u>5064</u> ft Width <u>75</u> ft		Condition of Runway/Landing Surface <i>(Check all that apply)</i> ☒ 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	
Runway/Landing Surface <i>(Check all that apply)</i> ☒ Asphalt ☐ Grass/Turf ☐ Macadam ☐ Water ☐ Concrete ☐ Gravel ☐ Metal/Wood ☐ Unknown ☐ Dirt ☐ Ice ☐ Snow			
Approach/Departure Segment <i>(Select one)</i> ☐ Taxi ☐ VFR Departure ☐ On Instrument Approach ☐ Downwind ☐ Low Approach ☒ Takeoff ☐ IFR Departure Procedure/Clearance ☐ Landing ☐ Base ☐ Go Around ☐ Initial Climb ☐ Final ☐ Aborted Landing (after touchdown) ☐ Crosswind ☐ Unknown			
IFR Approach <i>(Check all that apply)</i> ☒ 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 <i>(Check all that apply)</i> ☒ 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: Aaron

City of Residence: mableton

Middle Initial: H

State: GA

ZIP: 30126

Last Name: Carmack

Country: USA

Age at time of Accident/Incident: 47 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 <u>08/30/2020</u> mm dd/yyyy

Medical Certificate Limitations

none

Medical Certificate Special Issuance

n/a

Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks:

07/13/2020
mm dd/yyyy

Flight Review Aircraft

Make: Cessna

Model: SR20

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 ☐ Airplane Single-Engine ☐ Airplane Multi-Engine ☐ Gyroplane ☐ Powered Lift ☐ Instrument Airplane ☐ Instrument Helicopter ☐ Helicopter ☐ Glider ☐ Sport
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Type Ratings

none

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	295.4	149.1	295.4		104	35.1	65.4			
Pilot in Command (PIC)	192.6	115.0	192.6		6.1	26.9	62.5			
Time as Instructor										
This Make/Model										
Last 90 Days	28.0	38.0	38.0		1.0	.7	0			
Last 30 Days	21.6	21.6	21.6		1.0	0	0			
Last 24 Hours	0	0	0		0	0	0			

"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: <u>Daniel</u> Middle Initial: <u>A</u> Last Name: <u>McDonald</u> Age at time of Accident/Incident: <u>36</u> Date of Birth: [REDACTED] mm dd/yyyy					City of Residence: <u>Willie Rica</u> State: <u>GA</u> ZIP: <u>30180</u> Country: <u>USA</u>																																																																																														
Degree of Injury ☒ None ☐ Fatal ☐ Minor ☐ Unknown ☐ Serious		Seat Occupied ☐ Left ☒ Front ☐ Unknown ☒ Right ☐ Rear ☐ Center ☐ Single		Restraint Type <table style="width: 100%;"> <tr> <th style="text-align: left;">Available</th> <th style="text-align: left;">Used</th> </tr> <tr> <td>☐ None</td> <td>☐ None</td> </tr> <tr> <td>☐ Lap only</td> <td>☐ Lap only</td> </tr> <tr> <td>☐ 3-point</td> <td>☐ 3-point</td> </tr> <tr> <td>☒ 4-point</td> <td>☒ 4-point</td> </tr> <tr> <td>☐ 5-point</td> <td>☐ 5-point</td> </tr> <tr> <td>☐ Unknown</td> <td>☐ Unknown</td> </tr> </table>			Available	Used	☐ None	☐ None	☐ Lap only	☐ Lap only	☐ 3-point	☐ 3-point	☒ 4-point	☒ 4-point	☐ 5-point	☐ 5-point	☐ Unknown	☐ Unknown	Inflatable Restraints ☐ Not Installed ☒ Installed ☒ Not Deployed ☐ Deployed ☐ Unknown																																																																														
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Principal Occupation ☐ Pilot ☐ Other ☐ Unknown		Medical Certificate ☐ None ☐ Class 3 ☒ Class 1 ☐ Driver's License (Sport Pilot only) ☐ Class 2 ☐ Unknown			Medical Certificate Limitations <u>None</u>																																																																																														
Medical Certificate Special Issuance <u>N/A</u>																																																																																																			
Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks: <u>09/30/2019</u> mm dd/yyyy				Flight Review Aircraft Make: <u>P. Per</u> Model: <u>PA-28</u>																																																																																															
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 ☒ Airplane Single-Engine ☐ Airplane Multi-Engine ☐ Gyroplane ☐ Powered Lift ☒ Instrument Airplane ☐ Instrument Helicopter ☐ Helicopter ☐ Glider ☐ Sport																																																																																													
Type Ratings <u>CL-65, SF 340B</u>						Student Endorsements (Include dates)																																																																																													
<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th rowspan="2">Flight Time (Enter appropriate number of hours in each box)</th> <th rowspan="2">All Aircraft</th> <th rowspan="2">This Make & Model</th> <th rowspan="2">Airplane Single Engine</th> <th rowspan="2">Airplane Multiengine</th> <th rowspan="2">Night</th> <th colspan="2">Instrument</th> <th rowspan="2">Rotorcraft</th> <th rowspan="2">Glider</th> <th rowspan="2">Lighter Than Air</th> </tr> <tr> <th>Actual</th> <th>Simulated</th> </tr> </thead> <tbody> <tr> <td>Total Time</td> <td>5100</td> <td>250</td> <td>1900</td> <td>3200</td> <td>500</td> <td>300</td> <td>100</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Pilot in Command (PIC)</td> <td>2200</td> <td>250</td> <td>1600</td> <td>100</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Time as Instructor</td> <td>1500</td> <td>250</td> <td>1500</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>This Make/Model</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 90 Days</td> <td>365</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 30 Days</td> <td>22</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 24 Hours</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>										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	5100	250	1900	3200	500	300	100				Pilot in Command (PIC)	2200	250	1600	100							Time as Instructor	1500	250	1500								This Make/Model											Last 90 Days	365										Last 30 Days	22										Last 24 Hours	1									
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ADDITIONAL FLIGHT CREWMEMBERS (Exclusive of cabin crew, complete the following information)									
Crew Name and Address					Seat Occupied		Injury		
First Name _____ City of Residence _____					☐ Left ☐ Front ☐ Center ☐ Rear ☐ Right ☐ Single ☐ Unknown ☐ Unknown		☐ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown		
Middle Initial _____ State _____ ZIP _____									
Last Name _____ Country _____									
Pilot Certificate(s) (Check all that apply)					Restraint Type:		Inflatable Restraints		
☐ None ☐ Flight Instructor ☐ Commercial ☐ US Military ☐ Private ☐ Recreational ☐ Airline Transport ☐ Foreign ☐ Student ☐ Sport ☐ Flight Engineer					Available Used ☐ None ☐ None ☐ Lap Only ☐ Lap Only ☐ 3-point ☐ 3-point ☐ 4-point ☐ 4-point ☐ 5-point ☐ 5-point ☐ Unknown ☐ Unknown		☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown		
Type Rating/Endorsement for Accident/Incident Aircraft? ☐ Yes ☐ No					Total Flight Time at the Time of this Accident/Incident: _____ hrs				
Crew Name and Address					Seat Occupied		Injury		
First Name _____ City of Residence _____					☐ Left ☐ Front ☐ Center ☐ Rear ☐ Right ☐ Single ☐ Unknown ☐ Unknown		☐ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown		
Middle Initial _____ State _____ ZIP _____									
Last Name _____ Country _____									
Pilot Certificate(s) (Check all that apply)					Restraint Type:		Inflatable Restraints		
☐ None ☐ Flight Instructor ☐ Commercial ☐ US Military ☐ Private ☐ Recreational ☐ Airline Transport ☐ Foreign ☐ Student ☐ Sport ☐ Flight Engineer					Available Used ☐ None ☐ None ☐ Lap Only ☐ Lap Only ☐ 3-point ☐ 3-point ☐ 4-point ☐ 4-point ☐ 5-point ☐ 5-point ☐ Unknown ☐ Unknown		☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown		
Type Rating/Endorsement for Accident/Incident Aircraft? ☐ Yes ☐ No					Total Flight Time at the Time of this Accident/Incident: _____ hrs				
PASSENGER(S) / OTHER PERSONNEL (Include cabin crew; continue on separate sheet if necessary)									
Name and Address			Seat	Injury	Restraint Type		Inflatable Restraints	Age	
First Name <u>Ernesto</u> City <u>Doral</u>			☐ Left ☐ Center ☒ Right ☐ Unknown	☒ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown	Available Used ☐ None ☐ None ☐ Lap Only ☐ Lap Only ☒ 3-point ☒ 3-point ☐ 4-point ☐ 4-point ☐ 5-point ☐ 5-point ☐ Unknown ☐ Unknown		☒ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown	☐ Under 5 years If Under 5, ☐ Child Restraint ☐ Lap-Held ☐ Unknown	
Middle Initial _____ State <u>FL</u> ZIP <u>33172</u>									
Last Name <u>Perce</u> Country <u>USA</u>									
☐ Crew ☒ Passenger ☐ Other									
First Name _____ City _____			☐ Left ☐ Center ☐ Right ☐ Unknown	☐ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown	Available Used ☐ None ☐ None ☐ Lap Only ☐ Lap Only ☐ 3-point ☐ 3-point ☐ 4-point ☐ 4-point ☐ 5-point ☐ 5-point ☐ Unknown ☐ Unknown		☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown	☐ Under 5 years If Under 5, ☐ Child Restraint ☐ Lap-Held ☐ Unknown	
Middle Initial _____ State _____ ZIP _____									
Last Name _____ Country _____									
☐ Crew ☐ Passenger ☐ Other									
First Name _____ City _____			☐ Left ☐ Center ☐ Right ☐ Unknown	☐ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown	Available Used ☐ None ☐ None ☐ Lap Only ☐ Lap Only ☐ 3-point ☐ 3-point ☐ 4-point ☐ 4-point ☐ 5-point ☐ 5-point ☐ Unknown ☐ Unknown		☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown	☐ Under 5 years If Under 5, ☐ Child Restraint ☐ Lap-Held ☐ Unknown	
Middle Initial _____ State _____ ZIP _____									
Last Name _____ Country _____									
☐ Crew ☐ Passenger ☐ Other									
First Name _____ City _____			☐ Left ☐ Center ☐ Right ☐ Unknown	☐ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown	Available Used ☐ None ☐ None ☐ Lap Only ☐ Lap Only ☐ 3-point ☐ 3-point ☐ 4-point ☐ 4-point ☐ 5-point ☐ 5-point ☐ Unknown ☐ Unknown		☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown	☐ Under 5 years If Under 5, ☐ Child Restraint ☐ Lap-Held ☐ Unknown	
Middle Initial _____ State _____ ZIP _____									
Last Name _____ Country _____									
☐ Crew ☐ Passenger ☐ Other									

FLIGHT ITINERARY INFORMATION			
Last Departure Point Airport ID <u>I19</u> City <u>Dayton Xena</u> State <u>OH</u> Country <u>USA</u>		Time of Departure Time <u>19:00</u> Time Zone <u>Est</u>	
Destination Airport ID <u>KDPK</u> City <u>Atlanta</u> State <u>GA</u> Country <u>USA</u>		Type Flight Plan Filed ☐ None ☐ VFR/IFR ☐ Company VFR ☒ IFR ☐ Military VFR ☐ Unknown ☐ VFR Activated? ☐ Yes ☒ No ☐ Unknown	
Type of ATC Clearance/Service (Check all that apply) ☒ None ☐ Special VFR ☐ Special IFR ☐ VFR Flight Following ☐ Cruise ☐ VFR ☐ IFR ☐ VFR On Top ☐ Traffic Advisory ☐ Unknown / NA			
Airspace where the accident/incident occurred (Check all that apply) ☐ Class A ☒ Class G ☐ Military Operations Area (MOA) ☐ Special ☐ Class B ☐ Demo Area ☐ Airport Advisory Area ☐ Air Traffic Control Area ☐ Class C ☐ Warning Area ☐ Jet Training Area ☐ Unknown ☐ Class D ☐ Prohibited Area ☐ TRSA ☐ Class E ☐ Restricted Area ☐ FAR 93			Altitude of In-Flight Occurrence: <u>3</u> ft msl
WEATHER INFORMATION AT THE ACCIDENT/INCIDENT SITE			
Source of Pilot Weather Information (Check all that apply) ☐ National Weather Service ☐ Company ☐ Flight Service Station ☐ Military ☐ TV/Radio ☐ Internet ☒ Automated Report ☐ None ☐ Commercial Weather Service (DUATS) ☐ Unknown ☒ On-Board Weather		Weather Observation Facility Facility ID <u>I19</u> Observation Time <u>19:00</u> Time Zone <u>Est</u> Distance from Accident Site <u>1.5</u> nm Direction from Accident Site <u>250°/070°</u> degrees true	
Basic Conditions ☒ VMC ☐ IMC ☐ Unknown		Light Condition ☐ Dawn ☒ Dusk ☐ Dark Night ☐ Unknown ☐ Day ☐ Night ☐ Bright Night	
Sky/Lowest Cloud Condition ☒ Clear ☐ Thin Broken ☐ Thin Overcast ☐ Few ☐ Partial Obscuration ☐ Scattered Lowest Cloud Condition Height _____ ft agl		Ceiling ☒ None (Clear) ☐ Obscured ☐ Indefinite ☐ Broken ☐ Overcast ☐ Unknown Ceiling Height _____ ft agl	
Wind Direction ☐ Variable Direction _____ degrees true		Wind Speed ☒ Calm ☐ Light and Variable Speed _____ kts	Wind Gusts ☒ Not Gusting Speed _____ kts
Intensity of Precipitation ☐ Light ☐ Moderate ☐ Heavy ☐ N/A ☐ Unknown		Type of Precipitation (Check all that apply) ☒ None ☐ Drizzle ☐ Freezing Rain ☐ Rain ☐ Ice Pellets ☐ Snow Shower ☐ Snow ☐ Snow Pellets ☐ Ice Pellets Shower ☐ Hail ☐ Snow Grains ☐ Freezing Drizzle ☐ Rain Showers ☐ Ice Crystals	
Restriction to Visibility (Check all that apply) ☒ None ☐ Fog ☐ Ground Fog ☐ Blowing Dust ☐ Haze ☐ Ice Fog ☐ Blowing Sand ☐ Smoke ☐ Unknown ☐ Blowing Snow ☐ Dust		Visibility <u>10+</u> miles RVR <u>Unknown</u> feet RVV _____ miles Density Altitude: <u>1000</u> ft	
Icing Forecast Amount ☒ None ☐ Trace ☐ Light ☐ Moderate ☐ Severe ☐ Unknown Type ☐ N/A ☐ Rime ☐ Clear ☐ Mixed ☐ Unknown		Icing Actual Amount ☒ None ☐ Trace ☐ Light ☐ Moderate ☐ Severe ☐ Unknown Type ☐ N/A ☐ Rime ☐ Clear ☐ Mixed ☐ Unknown	
Turbulence Type (Check all that apply) ☒ None ☐ Clear Air ☐ Terrain-Induced ☐ Convective Turbulence Severity ☐ Light ☐ Moderate ☐ Severe ☐ Extreme			
NOTAMS (D and FDC), AIRMETS, SIGMETs, PIREPs in effect at the time of the accident/incident: <u>None</u>			

DAMAGE TO AIRCRAFT AND OTHER PROPERTY					
Aircraft Damage ☐ None ☒ Substantial ☐ Minor ☐ Destroyed ☐ Unknown ☐ 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 <i>(Use additional sheet if necessary)</i>					
NARRATIVE HISTORY OF FLIGHT <i>(Please type or print in ink)</i> 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.					
See Attached					

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

Operator/Owner Safety Recommendation

Taller Fences to Keep wild life off of Runways

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

85

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 AIRCRAFTWas an emergency evacuation of the aircraft performed? ☐ Yes ☒ No

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

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

Pilot of Other Aircraft

Name: _____

Name: _____

City: _____

City: _____

State: _____

State: _____

ZIP: _____

ZIP: _____

Country: _____

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

11/06/2020

mm/dd/yyyy

Name of Pilot/Operator:

Daniel McDonald / Aaron Carmah

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.

CEN21LA041

Reviewed by NTSB Regional Office

Central Regional Office

Name of Investigator

Michael J. Hodges

Date Report Received

11/06/2020

Greene County Airport (I19) Dayton Ohio October 22nd at approximately 19:00 Local (23:00Z)
During take off from runway 25 our aircraft N513JP a SR-22T was struck by a deer.

Approximately 1000' into our take off roll on runway 25 just a few seconds after rotation and becoming airborne a large deer, moving from north to south across the runway at high speed crossed into our path. The deer impacted the propeller, bottom of nose cowling, nose landing gear, and Left wing. Our aircraft was approximately 3-5' in the air at an airspeed between 77-85 Knots when the impact occurred. After the impact we were successful in landing back on runway 25. While on the landing rollout we were able to shutdown and secure the engine and roll to a safe stop on taxiway D clearing the active runway 25. Upon coming to a full stop on taxiway D we finished securing the aircraft. We then advised the two other aircraft that were in the traffic pattern for runway 25 at the time of the event over the ctaf that a deer had impacted us and for them to use caution. A few moments later we were helped by ground crew from MacAir Aviation in towing the aircraft to the ramp where we secured it.

Daniel McDonald

[REDACTED]
Villa Rica GA 30180
[REDACTED]

CFI [REDACTED] exp.1/22

Date of last review 12-31-19

Flight hours

Total~5000

12 months-170

6 months-86

90 days-35

7 days-7