

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>Carleton</u> State: <u>CT</u> ZIP: <u>06340</u> Country: <u>USA</u> Latitude: _____ Longitude: _____ (Enter in decimal degrees or degrees:minutes:seconds)				Accident/Incident Date/Time Date: <u>01/09/2024</u> Local Time: <u>12:15</u> mm/dd/yyyy Time Zone: <u>EST</u>																																																
Collision with Other Aircraft: ☐ Midair ☐ On-ground ☒ None																																																				
AIRCRAFT INFORMATION																																																				
Registration Number: <u>N38300</u> Manufacturer: <u>Piper</u> Model: <u>Seneca</u> Serial Number: <u>34-7450205</u> Year of Manufacture: <u>1974</u> Amateur-Built: ☐ Yes ☒ No If Yes: ☐ Kit/Plans ☐ Make: ☐ Original Design				☒ IFR-Equipped and Certified ☐ Commercial Space Flight ☐ Unmanned Aircraft Maximum Gross Weight: <u>4200</u> lbs Weight at Time of Accident/Incident: <u>~3800</u> lbs Number of Seats: <u>6</u> Flight Crew Seats: <u>2</u> Cabin Crew Seats: _____ Passenger Seats: <u>4</u> Number of Engines: <u>2</u>																																																
Category of Aircraft ☒ Airplane ☐ Balloon ☐ Blimp/Dirigible ☐ Glider ☐ Gyroplane ☐ Helicopter ☐ Powered Lift ☐ Rocket ☐ Ultralight ☐ Unknown		Type of Airworthiness Certificate (Check all that apply) Standard ☒ Normal ☐ Acrobatic ☐ 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 (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) ☒ Reciprocating ☐ Liquid Rocket ☐ Turbo Shaft ☐ Solid Rocket ☐ Turbo Prop ☐ Hybrid Rocket ☐ Turbo Jet ☐ None ☐ Turbo Fan ☐ Unknown ☐ Electric 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 ☒ Horsepower or ☐ lbs of Thrust</th> <th>Total Time (hours)</th> <th>Time Since: Inspection (hours)</th> <th>Overhaul (hours)</th> </tr> </thead> <tbody> <tr> <td>Eng. 1</td> <td><u>Lycoming</u></td> <td><u>IO-360</u></td> <td><u>12L2441-81E</u></td> <td><u>10/12/2016</u></td> <td><u>180 200</u></td> <td><u>2482.4</u></td> <td><u>3.1</u></td> <td><u>N/A</u></td> </tr> <tr> <td>Eng. 2</td> <td><u>Lycoming</u></td> <td><u>IO-360</u></td> <td><u>12L667-67E</u></td> <td><u>09/07/2019</u></td> <td><u>180 200</u></td> <td><u>1633.7</u></td> <td><u>3.1</u></td> <td><u>N/A</u></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 ☒ Horsepower or ☐ lbs of Thrust	Total Time (hours)	Time Since: Inspection (hours)	Overhaul (hours)	Eng. 1	<u>Lycoming</u>	<u>IO-360</u>	<u>12L2441-81E</u>	<u>10/12/2016</u>	<u>180 200</u>	<u>2482.4</u>	<u>3.1</u>	<u>N/A</u>	Eng. 2	<u>Lycoming</u>	<u>IO-360</u>	<u>12L667-67E</u>	<u>09/07/2019</u>	<u>180 200</u>	<u>1633.7</u>	<u>3.1</u>	<u>N/A</u>	Eng. 3									Eng. 4								
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Last Inspection Type ☐ 100-Hour ☐ Continuous Airworthiness ☐ AAIP ☐ Conditional Inspection ☒ Annual ☐ Unknown Date Last Inspection: <u>01/08/2024</u> mm/dd/yyyy Airframe Total Time: <u>20,557.4</u> hrs hours measured at (Select one) ☒ Last Inspection ☐ Time of Accident/Incident			Propeller 1 ☐ Fixed Pitch ☒ Controllable Pitch ☐ Ground Adjustable Manufacturer: <u>Hartzell</u> Model: <u>HC-C24K-2CG4F</u>			Propeller 2 ☐ Fixed Pitch ☒ Controllable Pitch ☐ Ground Adjustable Manufacturer: <u>Hartzell</u> Model: <u>HC-C24K-2CG4F</u>																																														
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>Ameriking</u> Model or Part No.: <u>AK-450</u> TSO No.: ☐ C91 (121.5 MHz) ☒ C91a (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

Name: Upgrade Inc

City: Groton

State: CT

ZIP: 06340

Fractional Ownership Aircraft: ☐ Yes ☒ No

Country: USA

Operator of Aircraft

☒ Same As Registered Owner

☒ Same Address as Registered Owner

Name: _____

City: _____

Doing Business As: Action Multi Ratings

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: Groton Municipal Airport

Airport Identifier: KGON

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

Distance From Airport Center: _____ sm

Direction From Airport: _____ degrees true

Airport Elevation: 9 ft. msl

Runway Information

Runway ID: 05 (L/R/C) Length: 5000 ft Width: 150 ft

Runway/Landing Surface (Check all that apply)

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

Condition of Runway/Landing Surface (Check all that apply)

- ☒ 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 ☐ Crosswind ☐ Aborted Landing (after touchdown)
- ☐ 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																																																																																																			
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"Flight Crewmember 1" was pilot flying ☐ Yes ☒ No																																																																																																			
"Flight Crewmember 1" Identification First Name: <u>Mical</u> City of Residence: <u>Preston</u> Middle Initial: <u>R</u> State: <u>CT</u> ZIP: <u>06365</u> Last Name: <u>Person</u> Country: <u>USA</u> Age at time of Accident/Incident: <u>23</u> 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 <table style="width: 100%; border: none;"> <tr> <th style="text-align: left; border: none;">Available</th> <th style="text-align: left; border: none;">Used</th> </tr> <tr> <td style="border: none;"> ☐ None ☐ Lap only ☒ 3-point ☐ 4-point ☐ 5-point ☐ Unknown </td> <td style="border: none;"> ☐ None ☐ Lap only ☒ 3-point ☐ 4-point ☐ 5-point ☐ Unknown </td> </tr> </table>			Available	Used	☐ None ☐ Lap only ☒ 3-point ☐ 4-point ☐ 5-point ☐ Unknown	☐ None ☐ Lap only ☒ 3-point ☐ 4-point ☐ 5-point ☐ Unknown	Inflatable Restraints ☒ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown																																																																																								
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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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"Flight Crewmember 2" was pilot flying ☒ Yes ☐ No																																																																																																					
"Flight Crewmember 2" Identification First Name: <u>Andrew</u> City of Residence: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: <u>Lee</u> Country: _____ Age at time of Accident/Incident: _____ Date of Birth: _____ mm/dd/yyyy Certificate Number: _____																																																																																																					
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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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<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></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Pilot in Command (PIC)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Time as Instructor</td> <td></td> <td></td> <td></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></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></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></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											Pilot in Command (PIC)											Time as Instructor											This Make/Model											Last 90 Days											Last 30 Days											Last 24 Hours										
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ADDITIONAL FLIGHT CREWMEMBERS (Exclusive of cabin crew, complete the following information)							
Crew Name and Address First Name: _____ City of Residence: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____			Seat Occupied ☐ Left ☐ Front ☐ Center ☐ Rear ☐ Right ☐ Single ☐ ☐ Unknown		Injury ☐ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown		
Pilot Certificate(s) (Check all that apply) ☐ None ☐ Flight Instructor ☐ Commercial ☐ US Military ☐ Private ☐ Recreational ☐ Airline Transport ☐ Foreign ☐ Student ☐ Sport ☐ Flight Engineer			Restraint Type: 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		
Type Rating/Endorsement for Accident/Incident Aircraft? ☐ Yes ☐ No			Total Flight Time at the Time of this Accident/Incident: _____ hrs				
Crew Name and Address First Name: _____ City of Residence: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____			Seat Occupied ☐ Left ☐ Front ☐ Center ☐ Rear ☐ Right ☐ Single ☐ ☐ Unknown		Injury ☐ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown		
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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: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____ ☐ Crew ☐ Passenger ☐ Other		☐ Left ☐ Center ☐ Right ☐ Unknown Row: _____	☐ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown	Available ☐ None ☐ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown	Used ☐ None ☐ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown	☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown	☐ Under 5 years If Under 5, ☐ Child Restraint ☐ Lap-Held ☐ Unknown
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____ ☐ Crew ☐ Passenger ☐ Other		☐ Left ☐ Center ☐ Right ☐ Unknown Row: _____	☐ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown	Available ☐ None ☐ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown	Used ☐ None ☐ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown	☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown	☐ Under 5 years If Under 5, ☐ Child Restraint ☐ Lap-Held ☐ Unknown
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FLIGHT ITINERARY INFORMATION			
Last Departure Point Airport ID: <u>KGen</u> City: <u>Groton</u> State: <u>CT</u> Country: <u>06365</u>		Time of Departure Time: <u>11:30</u> Time Zone: <u>EST</u>	
Destination Airport ID: <u>KGen</u> City: <u>Groton</u> State: <u>CT</u> Country: <u>06365</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 ☐ FAR 93 ☐ Class E ☐ Restricted Area			
Altitude of In-Flight Occurrence: <u>9</u> ft msl			
WEATHER INFORMATION AT THE ACCIDENT/INCIDENT SITE			
Source of Pilot Weather Information (Check all that apply) ☐ National Weather Service ☐ Flight Service Station ☐ TV/Radio ☒ Automated Report ☐ Commercial Weather Service (DUATS) ☐ On-Board Weather		Weather Observation Facility Facility ID: <u>KGen</u> Observation Time: <u>1200</u> Time Zone: <u>EST</u> Distance from Accident Site: <u>0</u> nm Direction from Accident Site: _____ 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 ☐ Few ☐ Thin Overcast ☐ Partial Obscuration ☐ Unknown ☐ Scattered		Temperature: _____ (C) or _____ (F) Dew Point: _____ (C) or _____ (F) Altimeter Setting: _____ in. Hg or _____ MB	
Lowest Cloud Condition Height _____ ft agl		Ceiling ☒ None (Clear) ☐ Obscured ☐ Broken ☐ Indefinite ☐ Overcast ☐ Unknown	
Wind Direction ☐ Variable Direction: <u>130</u> degrees true		Wind Speed ☐ Calm ☐ Light and Variable Speed: <u>10</u> kts	
Intensity of Precipitation ☐ Light ☐ Moderate ☐ Heavy ☒ N/A ☐ Unknown		Wind Gusts ☒ Not Gusting Speed: _____ kts	
Visibility <u>10</u> miles RVR: _____ feet RVV: _____ miles Density Altitude: _____ ft		Restriction to Visibility (Check all that apply) ☒ None ☐ Fog ☐ Blowing Dust ☐ Ground Fog ☐ Blowing Sand ☐ Haze ☐ Blowing Snow ☐ Ice Fog ☐ Blowing Spray ☐ Smoke ☐ Dust ☐ Unknown	
Icing Forecast Amount: ☒ None Type: ☐ N/A ☐ Rime ☐ Clear ☐ Light ☐ Moderate ☐ Severe ☐ Unknown		Icing Actual Amount: ☒ None Type: ☐ N/A ☐ Trace ☐ Light ☐ Moderate ☐ Severe ☐ 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:			

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 <i>(Use additional sheet if necessary)</i> Propellers and Belly of the aircraft		
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 location, services obtained, and intended destination. Provide as much detail as possible.					
Attached					
FUEL & SERVICES INFORMATION					
Fuel on board at last landing: ☐ 100% ☐ 75% ☐ 50% ☐ 25% ☐ 10% ☐ 0% Fuel used since last landing: ☐ 100% ☐ 75% ☐ 50% ☐ 25% ☐ 10% ☐ 0% Other services: ☐ Yes ☐ No					
EVALUATION OF AIRCRAFT					
Was an emergency evacuation of the aircraft performed? ☐ Yes ☐ No					
OTHER AIRCRAFT - COLLISION					
Aircraft Registration Number: _____ Name: _____ Date: _____ Location: _____ Status: _____ Remarks: _____					

On January 9th 2024, during a routine training flight, my student and I experienced a gear up landing on runway 05 at KGON. Ultimately, my hyper focus on my secondary responsibility of flight instruction distracted me from my primary responsibility of safe operation of the aircraft as PIC. There were other contributing factors such as changing runways, a crosswind, extending downwind each pattern lap in the flight, and also some minor friction between my student and I, that resulted in a breakdown of standard operating procedures.

This particular flight was our second of the day; the first flight focused on aerial maneuvers, this flight was focused on the finer points of landing within ACS. On our 3 previous laps in the pattern, there were a number of odd factors at play. My student had forgotten different items on each lap, and I had a high workload with both instructing him, ensuring he operated the aircraft safely, responding to ATC when my student missed the calls, and looking for traffic. An added stressor was his lack of receptiveness to my instruction; he would often interrupt and/or disregard my tips, and this frustrated me. On each lap, we were asked to extend downwind for traffic either arriving or departing, and we were asked to do so at seemingly irregular points in the traffic pattern. This interrupted the normal pattern landing flow that I teach. On this particular lap, abeam our touchdown point, exactly where in my flow I have my student put the gear down, ATC asked us if we wanted to switch runways, they told us to extend downwind, and immediately thereafter cleared us for a touch and go all at once. We responded that we would switch runways after this touch and go, read back our touch and go clearance, and by that time my student turned base. I immediately went into hyper-focus mode, intent on bringing my student to the perfect short field landing, not realizing he had not put the gear down. I had little confidence in his crosswind ability at this point as they were unfamiliar with the airplane, and I knew it would take a lot from me to coach them down safely. Turning final in my hyper focused instructor mode, I forgot to do my routine, "Turning final, 3 greens, cleared touch and go" check. This check would have saved us from what came next. His final approach was nearly perfect on speed, albeit chasing the proper glideslope. I continued to coach him down to correct this. Gently touching down, instead of hearing the squeak of rubber on asphalt, we heard the agonizing sound of the aircraft's skid plate scraping the ground. The plane came to a stop, we checked for injuries, I radioed tower for assistance, and we secured and exited the aircraft. I re-entered the aircraft to report our safety to the tower, and to turn the master switch off.

A critical mistake, as the PIC, I take full responsibility for our gear up landing. I never should have let these factors get in the way of my primary objective; safe operation of the aircraft. My routine flow during the traffic pattern worked very well up to this point, and I had not come close to missing the gear ever before. None of these reasons are excuses, they are contributors. I have heard of the metaphorical Swiss cheese. Each layer of cheese has several holes, and even with layers and layers, sometimes the holes line up. When they do, things such as gear up landings happen. I will never again allow Micah the Flight Instructor to take precedence over Micah the Pilot in Command. Safety relies on this.

(Once the dust settles, and if the circumstances are right, I am planning to share my experience with some others to emphasize the hierarchy of their responsibility so the frequency of these events is reduced in the future.)

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

Operator/Owner Safety Recommendation

Elimination of Distractions in the cockpit, such as mildly contentious student instructor relationship.

Prioritizing safe operation over giving detailed instructions to student during critical phase of flight.

MECHANICAL MALFUNCTION/FAILURE (If more space is needed, continue on separate sheet)Was there Mechanical Malfunction/Failure? ☐ Yes ☒ No

(If yes, list the name of the part, manufacturer, part no., serial no., and describe the failure.)

Total Time/Cycles
On Part

Hours

Cycles

Time Since This Part
Inspected/Overhauled

Hours

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

98

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

Both occupants through the right side pilot door

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

01/09/2024
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: _____

Title: _____

Signature: _____

- or - ☐ Check here to electronically sign this document**FOR NTSB USE ONLY**

NTSB Accident/Incident No.

ERA24LA089

Reviewed by NTSB Regional Office

ERA

Name of Investigator

Kurt Gibson

Date Report Received

01/18/2024