

NATIONAL TRANSPORTATION SAFETY BOARD

PILOT/OPERATOR AIRCRAFT ACCIDENT/INCIDENT REPORT

This form to be used for reporting civil and public use aircraft accidents and incidents

BASIC INFORMATION

Accident/Incident Location Nearest City/Place: <u>Philadelphia</u> State: <u>PA</u> ZIP: _____ Country: <u>USA</u> Latitude: <u>40°05.0'</u> (dd:mm:ss N/S) Longitude: <u>75°00.5'</u> (ddd:mm:ss E/W)		Date/Time Date: <u>04/28/2024</u> Local Time: <u>18:58Z</u> mm/dd/yyyy Time Zone: <u>EDT</u>	
Phase of Operation ☐ Standing ☐ Takeoff (incl. initial climb) ☐ Cruise ☐ Hover ☐ Taxi ☐ Climb ☐ Maneuvering ☐ Other ☐ Descent ☒ Landing ☐ Approach ☐ Unknown		Collision with Other Aircraft ☐ Midair ☐ On-ground ☒ None	
		Altitude of In-Flight Occurrence _____ ft MSL	

AIRCRAFT INFORMATION

Manufacturer: <u>Mustang II</u> Model: <u>Mustang II</u> Serial Number: <u>SRK 2013</u> Registration Number: <u>N1855M</u> Amateur-built: ☒ Yes ☐ No		Max Gross Weight: <u>1600</u> lbs Weight at Time of Accident/Incident: <u>1511</u> lbs Location of Center of Gravity at Time of Accident/Incident: <u>69.9</u> inches from ☐ nose or ☒ datum -or- _____ Percent Mean Aerodynamic Cord (% MAC)	
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Category of Aircraft ☒ Airplane ☐ Balloon ☐ Blimp/Dirigible ☐ Glider ☐ Gyrocraft ☐ Helicopter ☐ Powered lift ☐ Ultralight ☐ Unknown	Type of Airworthiness Certificate (Check all that apply) Standard ☐ Normal ☐ Utility ☐ Acrobatic ☐ Transport Special ☐ Restricted ☐ Limited ☐ Provisional ☒ Experimental ☐ Special Flight ☐ Light Sport	Number of Seats: <u>2</u> If Large Aircraft, how many seats for: Flight Crew: _____ Cabin Crew: _____ Passengers: _____	Landing Gear ☐ Retractable Check any additional landing gear configuration that applies: ☐ Tricycle ☒ Tailwheel ☐ Amphibian ☐ High Skid ☐ Emergency Float ☐ Skid ☐ Float ☐ Ski ☐ Hull ☐ Ski/Wheel ☐ Unknown
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Type of Maintenance Program ☐ Annual ☒ Conditional (Amateur-built only) ☐ Manufacturer's Inspection Program ☐ Other Approved Inspection Program (AAIP) ☐ Continuous Airworthiness ☐ Other, specify: _____	Last Inspection Type ☐ 100 Hour ☐ Continuous Airworthiness ☐ AAIP ☒ Conditional Inspection ☐ Annual ☐ Unknown	Date Last Inspection: <u>04/11/2024</u> mm/dd/yyyy Airframe Total Time: <u>592.4</u> hrs hours measured at (check one) ☐ Last Inspection ☒ Time of Accident/Incident
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IFR Equipped ☐ Yes ☒ No ☐ Unknown	Stall Warning System Installed ☒ Yes ☐ No ☐ Unknown	Type of Fire Extinguishing System ☒ None ☐ Specify _____
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ELT Installed ☒ Yes ☐ No ELT Activated ☐ Yes ☒ No	ELT Manufacturer: <u>ACK-04</u> Model/Series: <u>E-04 406</u> Serial Number: <u>11-10012</u> Battery Type: <u>Li-SO2</u> Battery Exp. Date: _____	
ELT Aided in Locating Accident/Incident ☐ Yes ☒ No		

Engine Type ☒ Reciprocating ☐ Turbo Jet ☐ Turbo Shaft ☐ Turbo Fan ☐ Turbo Prop ☐ Unknown	Reciprocating Fuel System Type ☐ Carburetor ☒ Fuel Injected	Propeller ☐ Fixed Pitch ☒ Controllable Pitch Manufacturer: <u>Hartzell</u> Model: <u>HC-F2YL-1BF/F7663-4</u>
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Engine	Engine Manufacturer	Engine Model/Series	Manufacturer's Serial Number	Date of Mfg. mm/dd/yyyy	Engine Rated Power Measured as (check one) ☒ Horsepower or ☐ lbs of Thrust	Total Time (hours)	Time Since Inspection (hours)	Time Since Overhaul (hours)
Eng. 1	<u>LYCOMING</u>	<u>I0-320-B1A</u>	<u>L-3289-55A</u>		<u>160</u>	<u>1041.1</u>	<u>3.5</u>	
Eng. 2								
Eng. 3								
Eng. 4								

OWNER/OPERATOR INFORMATION**Registered Aircraft Owner**Name: Patrick JonesFractional Ownership Aircraft: ☐ Yes ☒ No**Owner Address**City: Bensalem
State: PA ZIP: 19020
Country: USA**Operator of Aircraft**☒ Same As Registered OwnerName: Patrick Jones

Doing Business As: _____

Air Carrier/Operator Designator (4 Character Code): _____

Operator Address☒ Same As Registered OwnerCity: _____
State: _____ ZIP: _____
Country: _____**Regulation Flight Conducted Under**

- | | | | |
|--|----------------------------------|---|--|
| ☒ FAR 91 | ☐ FAR 129 | ☐ FAR 91 Special Flight | ☐ Public Use (select type) |
| ☐ FAR 103 | ☐ FAR 133 | ☐ Non-US, Commercial | ☐ Federal ☐ State ☐ Local |
| ☐ FAR 121 | ☐ FAR 135 | ☐ Non-US, Non-commercial | ☐ Unknown |
| ☐ FAR 125 | ☐ FAR 137 | ☐ Armed Forces | |

Revenue Sightseeing Flight☐ Yes ☒ No**Air Medical Flight**☐ Yes ☒ No**Purpose of Flight**

for FAR 91, 103, 133, 137 (Select one)

- ☒ Personal
☐ Business
☐ Executive/Corporate
☐ Other Work Use
☐ Instructional
☐ Ferry
☐ Positioning
☐ Aerial Application
☐ Aerial Observation
☐ Air Drop
☐ Air Race / Show
☐ Flight Test
☐ Public Use
☐ Unknown

Revenue Operation

for FAR 121, 125, 129, 135 (Select one)

- ☐ Scheduled or Commuter
☐ Non-Scheduled or Air Taxi

Domestic or International☐ Domestic ☐ International**Cargo Operation**

- ☐ Passenger/Cargo
☒ Passenger 1 How many?
☐ Cargo _____ lbs
☐ Mail

Type of Commercial Operating Certificate Held

(Check all that apply)

- ☒ None
☐ Flag Carrier Operating Certificate (121)
☐ Supplemental
☐ Air Cargo
☐ Foreign Air Carriers (129)
☐ Commuter Air Carrier (135)
☐ On-Demand Air Taxi (135)
☐ Large Helicopter (127)
☐ Rotorcraft External Load (133)
- or -
☐ Agricultural Aircraft (137)
☐ Other Operator of Large Aircraft

OTHER AIRCRAFT – COLLISION (If air or ground collision occurred, complete this section for other aircraft)**Aircraft Registration Number**N1855A**Manufacturer:**Boeing**Model:**

Damage to Other Aircraft☐ Destroyed ☐ Minor
☐ Substantial ☒ None**Registered Owner of Other Aircraft**

First Name: _____

Middle Initial: _____

Last Name: _____

City: _____

State: _____ ZIP: _____

Country: _____

Pilot of Other Aircraft

First Name: _____

Middle Initial: _____

Last Name: _____

City: _____

State: _____ ZIP: _____

Country: _____

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

DAMAGE TO AIRCRAFT AND OTHER PROPERTY**Aircraft Damage**☐ None ☒ Substantial
☐ Minor ☐ Destroyed**Aircraft Fire**☒ None ☐ Both Ground and In-Flight
☐ In-Flight ☐ Unknown Origin
☐ On-Ground**Aircraft Explosion**☒ None ☐ Both Ground and In-Flight
☐ In-Flight ☐ Unknown Origin
☐ On-Ground

Description of Damage to Aircraft and Other Property <i>(use additional sheet if necessary)</i> 1. Left wing Damage: UNKNOWN structure Damage: SKIN crumpled 2. Left main Landing gear Damage: UNKNOWN structural Damage 3. Left fuselage SKIN wrinkled Aft of Engine forward left wing 4. Left Pitot Tube under left wing Damaged 5. Evidence Propeller Strike 6. Left Flap side Damaged 7. Right main Landing gear Evidence of being bent			
AIRPORT INFORMATION <i>(If the accident/incident occurred on approach, takeoff or within 3 miles of an airport, complete this section)</i>			
Airport Identifier: <u>KPNE</u>		Distance From Airport Center: _____ SM	
Airport Name: <u>North East Philadelphia</u>		Direction From Airport: _____ degrees MAG	
Proximity to Airport ☐ Off Airport/Airstrip ☐ On Airport ☒ On Airstrip		Airport Elevation: <u>120</u> ft. MSL	
Approach Segment <i>(Select one)</i> ☐ On Instrument Approach ☒ Landing ☐ Base leg ☐ Final ☐ Go Around ☐ Crosswind ☐ Downwind ☐ Low Approach ☐ Aborted Landing (after touchdown)			
IFR Approach <i>(Check all that apply)</i> ☒ None ☐ PAR ☐ MLS ☐ Practice ☐ ADF/NDB ☐ Sidestep ☐ LDA ☐ GPS ☐ SDF ☐ ILS ☐ ASR ☐ Loran ☐ VOR/TVOR ☐ Localizer Only ☐ Visual ☐ Unknown ☐ VOR/DME ☐ LOC-back course ☐ Contact ☐ TACAN ☐ RNAV ☐ Circling		VFR Approach <i>(Check all that apply)</i> ☐ None ☐ Stop and Go ☐ Traffic Pattern ☐ Touch and Go ☒ Straight-In ☐ Simulated Forced Landing ☐ Valley/Terrain Following ☐ Forced Landing ☐ Go Around ☐ Precautionary Landing ☒ Full Stop ☐ Unknown	
Runway Information Runway ID: <u>24</u> (L/R/C) Length: <u>7000</u> ft Width: <u>100</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 ☐ Unknown ☐ Slush Covered ☐ Vegetation	
Runway/Landing Surface <i>(Check all that apply)</i> ☒ Asphalt ☐ Grass/Turf ☐ Macadam ☐ Water ☐ Concrete ☐ Gravel ☐ Metal/Wood ☐ Unknown ☐ Dirt ☐ Ice ☐ Snow			
FLIGHT ITINERARY INFORMATION			
Last Departure Point Airport ID: <u>KPNE</u> City: <u>Philadelphia</u> State: <u>PA</u> Country: <u>USA</u>		Time of Departure Time: <u>17:20Z</u> Time Zone: <u>EDT</u>	
Destination Airport ID: <u>KPNE</u> City: <u>Philadelphia</u> State: <u>PA</u> Country: <u>USA</u>		Type Flight Plan Filed ☒ None ☐ VFR/IFR ☐ Company VFR ☐ IFR ☐ Military VFR ☐ Unknown ☐ VFR Activated? ☐ Yes ☒ No	
Type of ATC Clearance/Service <i>(Check all that apply)</i> ☐ None ☐ Special VFR ☐ Special IFR ☐ VFR Flight Following ☐ Cruise ☒ VFR ☐ IFR ☐ VFR On Top ☐ Traffic Advisory ☐ Unknown / NA			
Airspace where the accident/incident occurred <i>(Check all that apply)</i> ☐ Class A ☐ Class E ☐ Prohibited Area ☐ Jet Training Area ☐ Special ☐ Class B ☐ Class G ☐ Restricted Area ☐ TRSA ☐ Air Traffic Control Area ☐ Class C ☐ Demo Area ☐ Military Operations Area (MOA) ☐ FAR 93 ☐ Unknown ☒ Class D ☐ Warning Area ☐ Airport Advisory Area			
Aircraft Load Description <i>(Check all that apply)</i> ☐ None ☐ Towing Glider ☐ Parachutists ☐ Livestock ☒ Passengers ☐ Towing Banner ☐ Water ☐ Unknown ☐ Cargo ☐ Other External ☐ Chemical/Fertilizer/Seeds			
FUEL & SERVICES INFORMATION			
Fuel on Board at Last Takeoff <i>(convert from pounds, as necessary)</i> <u>36</u> Gallons		Fuel Type ☐ 80/87 ☐ 115/145 ☐ JP3 ☒ 100 Low Lead ☐ Jet A ☐ JP4 ☐ 100/130 ☐ Automotive ☐ JP5 ☐ Other, specify _____	
Other Services, if Any, Prior to Departure			

EVACUATION OF AIRCRAFT

Was an emergency evacuation of the aircraft performed? ☐ Yes ☐ No

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

Aircraft is a ascent side by side with a sliding canopy with a lock and latch components. Exiting the aircraft is performed by undoing the lock + latch and sliding the canopy off. Undo the seat belts, grab hand hold at the top of the windscreen and placing hand on the side rail. Then pull straight up to standing position then swing outboard leg over the rail onto the wingwalk then lifting the inboard leg over the rail onto wing walk then make way off the wing onto the ground.

WEATHER INFORMATION AT THE ACCIDENT/INCIDENT SITE

Weather Observation Facility Facility ID: <u>KPNE</u> Observation Time: _____ Time Zone: <u>EDT</u> Distance from Accident Site: <u>15</u> NM Direction from Accident Site: <u>360</u> degrees MAG		Source of Weather Information (Check all that apply) ☒ National Weather Service ☒ Flight Service Station ☒ TV/Radio ☒ Automated Report ☐ Commercial Weather Service (DUATS) ☐ Company ☐ Military ☐ Internet ☐ Unknown		Method of Briefing (Check all that apply) ☐ In Person ☐ Teletype ☐ Telephone/Computer ☒ Aircraft Radio ☐ TV/Radio ☐ Unknown
Briefing Type/Completeness ☐ Full ☒ Partial / Limited By Pilot ☐ Partial / Limited By Briefer ☐ Abbreviated ☐ Unknown ☐ Not Pertinent		Light Condition ☒ Dawn ☐ Day ☐ Dusk ☐ Night ☐ Dark Night ☐ Bright Night ☐ Not Reported		Visibility <u>10</u> miles
Sky/Lowest Cloud Condition ☒ Clear ☐ Few ☐ Partial Obscuration ☐ Scattered ☐ Thin Broken ☐ Thin Overcast ☐ Unknown		Ceiling ☒ None (clear) ☐ Broken ☐ Overcast ☐ Obscured ☐ Indefinite ☐ Unknown		Restriction to Visibility (Check all that apply) ☒ None ☐ Blowing Dust ☐ Blowing Sand ☐ Blowing Snow ☐ Blowing Spray ☐ Dust ☐ Fog ☐ Ground Fog ☐ Haze ☐ Ice Fog ☐ Smoke ☐ Unknown
Lowest Cloud Condition Height _____ ft AGL		Ceiling Height _____ ft AGL		
Wind Direction ☐ Indicated: <u>180</u> degrees MAG ☐ Variable	Wind Speed Velocity: <u>9</u> KTS -or- ☐ Calm ☐ Light and Variable	Wind Gusts Velocity: <u>12</u> KTS ☐ Gusting ☐ Not Gusting	Type of Turbulence (Check all that apply) ☐ None ☒ Clear Air ☐ In Clouds ☐ Vicinity of Thunderstorm Severity of Turbulence ☐ Extreme ☐ Moderate ☒ Light ☐ Severe ☐ Moderate Chop	

NOTAMS (D, L and FDC), AIRMETs, SIGMETs, PIREPs in effect at the time of the accident/incident

Temperature: <u>24</u> (C) or _____ (F) Altimeter Setting: <u>30.13</u> in. HG or _____ MB Density Altitude: _____ ft Dew Point: <u>14</u> (C) or _____ (F)	Icing Forecast Amount ☒ None ☐ Trace ☐ Light ☐ Moderate ☐ Severe Type ☐ Rime ☐ Clear ☐ Mixed	Type of Precipitation (Check all that apply) ☒ None ☐ Rain ☐ Snow ☐ Hail ☐ Rain Showers ☐ Freezing Rain ☐ Snow Shower ☐ Drizzle ☐ Ice Pellets ☐ Snow Pellets ☐ Snow Grains ☐ Ice Crystals ☐ Ice Pellets Shower ☐ Freezing Drizzle
	Icing Actual Amount ☒ None ☐ Trace ☐ Light ☐ Moderate ☐ Severe Type ☐ Rime ☐ Clear ☐ Mixed	

PILOT "A" INFORMATION

Pilot "A" Responsibilities at the Time of Accident/Incident

☒ Pilot
 ☐ Co-Pilot
 ☐ Student Pilot
 ☐ Flight Instructor
 ☐ Check Pilot
 ☐ Flight Engineer
 ☐ Other Flight Crew

Pilot "A" Identification

First Name: Patrick City: Bensalem
 Middle Initial: J State: PA ZIP: 19020
 Last Name: Jones Country: USA
 Age at time of Accident/Incident: 71 Date of Birth: mm/dd/yyyy Certificate Number: mm/dd/yyyy

Degree of Injury ☒ None ☐ Fatal ☐ Minor ☐ Unknown ☐ Serious	Seat Occupied ☒ Left ☐ Front ☐ Unknown ☐ Right ☐ Rear ☐ Center ☐ Single	Seat Belt Used ☒ Yes ☐ No Available ☒ Yes ☐ No	Shoulder Harness Used ☒ Yes ☐ No Available ☒ Yes ☐ No
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Pilot Certificate(s) (Check all that apply)

☐ None ☐ Student ☐ Recreational ☐ Commercial ☐ Flight Engineer ☐ Foreign
☒ Private ☐ Flight Instructor ☐ Sport ☐ Airline Transport ☐ U.S. Military

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 ☒ With limitations/waivers ☐ Unknown	Date of Last Medical <u>11/30/2022</u> mm/dd/yyyy
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Medical Certificate Limitations

MUST WEAR CORRECTIVE LENSES

Medical Certificate Waivers

Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks: 05/19/2023
 mm/dd/yyyy

Flight Review Aircraft

Make: Cessna
 Model: C172

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 ☐ Free 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

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	657.8	295.7	657.8		4.9					
Pilot in Command (PIC)	542.9	295.7			4.9					
Time as Instructor										
This Make/Model										
Last 90 Days	13.6	13.6								
Last 30 Days	3.4	3.4								
Last 24 Hours										

N/A

PILOT "B" INFORMATION																																																																																																				
Pilot "B" Responsibilities at the Time of Accident/Incident ☐ Pilot ☐ Co-Pilot ☐ Student Pilot ☐ Flight Instructor ☐ Check Pilot ☐ Flight Engineer ☐ Other Flight Crew																																																																																																				
Pilot "B" Identification First Name: _____ Middle Initial: _____ Last Name: _____ City: _____ State: _____ ZIP: _____ Country: _____ Age at time of Accident/Incident: _____ Date of Birth: _____ mm/dd/yyyy Certificate Number: _____																																																																																																				
Degree of Injury ☐ None ☐ Fatal ☐ Minor ☐ Unknown ☐ Serious		Seat Occupied ☐ Left ☐ Front ☐ Unknown ☐ Right ☐ Rear ☐ Center ☐ Single			Seat Belt Used ☐ Yes ☐ No Available ☐ Yes ☐ No		Shoulder Harness Used ☐ Yes ☐ No Available ☐ Yes ☐ No																																																																																													
Pilot Certificate(s) <i>(Check all that apply)</i> ☐ None ☐ Student ☐ Private ☐ Flight Instructor ☐ Recreational ☐ Sport ☐ Commercial ☐ Airline Transport ☐ Flight Engineer ☐ U.S. Military ☐ Foreign																																																																																																				
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 ☐ With limitations/waivers ☐ Unknown		Date of Last Medical _____ mm/dd/yyyy																																																																																													
Medical Certificate Limitations																																																																																																				
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Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks: _____ mm/dd/yyyy				Flight Review Aircraft Make: _____ Model: _____																																																																																																
Airplane Rating(s) <i>(Check all that apply)</i> ☐ None ☐ Single-Engine Land ☐ Single-Engine Sea ☐ Multiengine Land ☐ Multiengine Sea		Other Aircraft Rating(s) <i>(Check all that apply)</i> ☐ None ☐ Airship ☐ Free Balloon ☐ Glider ☐ Gyroplane ☐ Helicopter ☐ Powered Lift		Instrument Rating(s) <i>(Check all that apply)</i> ☐ None ☐ Airplane ☐ Helicopter ☐ Powered Lift		Instructor Rating(s) <i>(Check all that apply)</i> ☐ None ☐ Airplane Single-Engine ☐ Airplane Multi-Engine ☐ Gyroplane ☐ Powered Lift ☐ Instrument Airplane ☐ Instrument Helicopter ☐ Helicopter ☐ Glider ☐ Sport																																																																																														
Type Ratings						Student Endorsements <i>(Include dates)</i>																																																																																														
<table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th rowspan="2">Flight Time <i>(enter appropriate number of hours in each box)</i></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 <i>(enter appropriate number of hours in each box)</i>	All Aircraft	This Make & Model	Airplane Single Engine	Airplane Multiengine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air	Actual	Simulated	Total Time											Pilot in Command (PIC)											Time as Instructor											This Make/Model											Last 90 Days											Last 30 Days											Last 24 Hours										
Flight Time <i>(enter appropriate number of hours in each box)</i>	All Aircraft	This Make & Model	Airplane Single Engine	Airplane Multiengine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air																																																																																										
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N/A

ADDITIONAL FLIGHT CREW MEMBERS (Exclusive of cabin attendants, complete the following information)																
Pilot Name and Address First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____						Degree of Injury ☐ None ☐ Fatal ☐ Minor ☐ Unknown ☐ Serious										
Pilot Certificate(s) (Check all that apply) ☐ None ☐ Student ☐ Recreational ☐ Commercial ☐ Flight Engineer ☐ Foreign ☐ Private ☐ Flight Instructor ☐ Sport ☐ Airline Transport ☐ U.S. Military						Seat Occupied ☐ Left ☐ Front ☐ Right ☐ Rear ☐ Center ☐ Single ☐ Unknown										
Type Rating/Endorsement for Accident/Incident Aircraft? ☐ Yes ☐ No						Total Flight Time at the Time of this Accident/Incident: _____ hrs										
Pilot Name and Address First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____						Degree of Injury ☐ None ☐ Fatal ☐ Minor ☐ Unknown ☐ Serious										
Pilot Certificate(s) (Check all that apply) ☐ None ☐ Student ☐ Recreational ☐ Commercial ☐ Flight Engineer ☐ Foreign ☐ Private ☐ Flight Instructor ☐ Sport ☐ Airline Transport ☐ U.S. Military						Seat Occupied ☐ Left ☐ Front ☐ Right ☐ Rear ☐ Center ☐ Single ☐ Unknown										
Type Rating/Endorsement for Accident/Incident Aircraft? ☐ Yes ☐ No						Total Flight Time at the Time of this Accident/Incident: _____ hrs										
Pilot Name and Address First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____						Degree of Injury ☐ None ☐ Fatal ☐ Minor ☐ Unknown ☐ Serious										
Pilot Certificate(s) (Check all that apply) ☐ None ☐ Student ☐ Recreational ☐ Commercial ☐ Flight Engineer ☐ Foreign ☐ Private ☐ Flight Instructor ☐ Sport ☐ Airline Transport ☐ U.S. Military						Seat Occupied ☐ Left ☐ Front ☐ Right ☐ Rear ☐ Center ☐ Single ☐ 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 flight attendants; continue on separate sheet if necessary)																
Name and Address						Seat	Crew	Non-Revenue	Revenue	Non-Occupant	FAA	Fatal	Serious Injury	Minor Injury	No Injury	Unknown
First Name: <u>Julia</u> City: <u>Bensalem</u> Middle Initial: <u>A</u> State: <u>PA</u> ZIP: <u>19020</u> Last Name: <u>JONES</u> Country: <u>USA</u>						R	☐	☒	☐	☐	☐	☐	☐	☐	☒	☐
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____							☐	☐	☐	☐	☐	☐	☐	☐	☐	
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____							☐	☐	☐	☐	☐	☐	☐	☐		
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____							☐	☐	☐	☐	☐	☐	☐	☐		
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____							☐	☐	☐	☐	☐	☐	☐	☐		
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____							☐	☐	☐	☐	☐	☐	☐	☐		
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____							☐	☐	☐	☐	☐	☐	☐	☐		
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____							☐	☐	☐	☐	☐	☐	☐	☐		

Narrative History Of Flight

Ground loop and runway excursion and gear collapse resulting in heavy damage to the airplane.

On 4/28/24 at 1:16 pm EDT, I Patrick Jones (PIC) and my wife Julia Jones (passenger) took off on runway 24 at PNE for a flight Northwest between RDG and ABE then East between ABE and AVP then South back to PNE (1.8 hrs.). I contacted PNE ATIS for weather at 20 miles from the field. Then at 10 miles contacted PNE tower with intentions to land. PNE tower directed me to a right 3-mile base for runway 24. About 5 miles from the field tower then directed me to the numbers clear to land runway 24 number one to the field. Throttled back to 100 knots and deployed two notches of flaps slowing the plane to 90 knots on short final. Tower then indicated winds 180@9/G12 knots. Slowing the plane to 83 knots over the fence to the numbers and getting close the ground and ground effect touched the plane down in a tailwheel landing. The roll out at first was straight and on centerline then it squirmed left then hard right into a full ground loop sliding and putting enough side load on the left main landing gear causing it to collapse under the belly of the plane. At this point the plane continued off the runway with the left wing contacting the ground turning 180 degrees with the propeller striking the grass stopping the engine and coming to a complete stop. I powered down the airplane and shut off the fuel. PNE operations personnel came to the airplane and I reported no injuries to myself, my wife and no property damage. When the airport manager and others arrived, he told me that NTSB and the local FSDO had been contacted and they subsequently approved the removal of the airplane to my hangar at PNE.

Recommendation

One idea that was thought to help prevent ground looping, which this aircraft is prone, was installing a better set of main wheel tires. This was done and initially better control after landing was experienced. Now after this accident perhaps installing a different tailwheel assembly might be tried to see if the rudder control is more effective at lower airspeed less than 50 knots is more effective.

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 time and point of departure, intended destination, and services obtained.

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

Operator/Owner Safety Recommendation

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

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

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS COMPLETE AND ACCURATE TO THE BEST OF MY KNOWLEDGE**Date of this Report**05/05/2024
mm/dd/yyyy**Signature and Name of Pilot/Operator**

Signature: _____

Type or Print Name: Patrick Jones**Signature and Name of Person Filing Report if Other than Pilot/Operator**

Signature: _____

Type or Print Name: _____

Title: _____

FOR NTSB USE ONLY**NTSB Accident/Incident No.**

ERA24LA202

Reviewed by NTSB Regional Office

AS-ERA

Name of Investigator

T. Gunther

Date Report Received

05/06/2024