

# 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: [REDACTED] State: KY

ZIP: 42330 Country: USA

Latitude: 32.41N Longitude: 87.16W

(Enter in decimal degrees or degrees:minutes:seconds)

### Accident/Incident Date/Time

Date: 05/20/2021 Local Time: 11:25  
*mm/dd/yyyy* Time Zone: Central

Collision with Other Aircraft: ☐ Midair ☐ On-ground ☒ None

## AIRCRAFT INFORMATION

Registration Number: N743BT

Manufacturer: Owner (Just Aircraft Kit)

Model: Highlander

Serial Number: JA 469-10-15

Year of Manufacture: 2019

Amateur-Built: ☒ Yes ☐ No If Yes: ☒ Kit/Plans ☐ Original Design Make: Just Aircraft

- ☐ IFR-Equipped and Certified  
☐ Commercial Space Flight  
☐ Unmanned Aircraft

Maximum Gross Weight: 1320 lbs  
Weight at Time of Accident/Incident: 1100 lbs

Number of Seats: 2 Flight Crew Seats: 0  
Cabin Crew Seats: 0 Passenger Seats: 1

Number of Engines: 1

### Category of Aircraft

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

### Type of Airworthiness Certificate

(Check all that apply)

- Standard**  
☒ Normal  
☐ Aerobatic  
☐ Balloon  
☐ Commuter  
☐ Transport  
☐ Utility  
☐ Certificate of Authorization or Waiver (COA)  
☐ None
- Special**  
☐ Restricted  
☐ Limited  
☐ Provisional  
☐ Special Flight  
☒ Experimental  
☐ Special Light-Sport  
☒ Experimental Light-Sport  
☐ Unknown

### Landing Gear

(Check all that apply)

- ☐ Retractable  
☒ Tricycle  
☐ Amphibian  
☐ Emergency Float  
☐ Float  
☐ Hull  
☐ Other Launch/Recovery System  
☐ None
- ☐ Tailwheel  
☐ High Skid  
☐ Skid  
☐ Ski  
☐ Ski/Wheel  
☐ Unknown

### Engine Type (Select one)

- ☒ Reciprocating  
☐ Turbo Shaft  
☐ Turbo Prop  
☐ Turbo Jet  
☐ Turbo Fan  
☐ Electric  
☐ Liquid Rocket  
☐ Solid Rocket  
☐ Hybrid Rocket  
☐ None  
☐ Unknown

### Fuel System Type (Reciprocating)

- ☐ Carburetor ☐ Fuel-Injected

| Engine | Engine Manufacturer | Engine Model/Series | Manufacturer's Serial Number | Date of Mfg.<br><i>mm/dd/yyyy</i> | Rated Power<br><input checked="" type="radio"/> Horsepower or<br><input type="radio"/> lbs of Thrust | Total Time<br>(hours) | Time Since:<br>Inspection<br>(hours) | Overhaul<br>(hours) |
|--------|---------------------|---------------------|------------------------------|-----------------------------------|------------------------------------------------------------------------------------------------------|-----------------------|--------------------------------------|---------------------|
| Eng. 1 | Rotax               | 912 ULS             | 6782460                      | 05/05/2010                        | 100                                                                                                  | 207.5                 | 30.5                                 | 520                 |
| Eng. 2 |                     |                     |                              |                                   |                                                                                                      |                       |                                      | 140.5               |
| Eng. 3 |                     |                     |                              |                                   |                                                                                                      |                       |                                      |                     |
| Eng. 4 |                     |                     |                              |                                   |                                                                                                      |                       |                                      |                     |

### Last Inspection Type

- ☐ 100-Hour ☐ Continuous Airworthiness  
☐ AAIP ☐ Conditional Inspection  
☒ Annual ☐ Unknown

Date Last Inspection: 12/10/2020  
*mm/dd/yyyy*

Airframe Total Time: 140.5 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: \_\_\_\_\_

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

### Propeller 2

- ☐ Fixed Pitch  
☐ Controllable Pitch  
☐ Ground Adjustable

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

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

ELT Installed: ☒ Yes ☐ No

If Yes:  
ELT Manufacturer: ACK  
Model or Part No.: 11-06395  
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: \_\_\_\_\_

**OWNER/OPERATOR INFORMATION****Registered Aircraft Owner**Name: Robert TremblyCity: Lineville  
State: IA ZIP: 50147Fractional 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**

(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: \_\_\_\_\_

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

Airport Identifier: \_\_\_\_\_

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

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

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

**Runway Information**

Runway ID: \_\_\_\_\_ (L/R/C) Length: \_\_\_\_\_ ft Width: \_\_\_\_\_ 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 ☐ Aborted Landing (after touchdown)  
☐ Crosswind ☐ Unknown

**IFR Approach (Check all that apply)**

- ☐ None  
  
☐ ADF/NDB ☐ PAR ☐ MLS ☐ Practice  
☐ SDF ☐ Sidestep ☐ LDA ☐ GPS  
☐ VOR/TVOR ☐ ILS ☐ ASR  
☐ VOR/DME ☐ Localizer Only ☐ Visual  
☐ TACAN ☐ LOC-back course ☐ Contact  
☐ RNAV ☐ Circling  
  
☐ Unknown

**VFR Approach (Check all that apply)**

- ☐ None  
  
☐ Traffic Pattern ☐ Stop and Go  
☐ Straight-In ☐ Touch and Go  
☐ Valley/Terrain Following ☐ Simulated Forced Landing  
☐ Go Around ☐ Forced Landing  
☐ Full Stop ☐ Precautionary Landing  
  
☐ Unknown

# **"FLIGHT CREWMEMBER 1" INFORMATION**

## **"Flight Crewmember 1" Responsibilities at the Time of Accident/Incident**

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

"Flight Crewmember 1" was pilot flying ☒ Yes ☐ No

## **"Flight Crewmember 1" Identification**

First Name: Robert Trembly

City of Residence: Lineville

Middle Initial: B

State: IA

ZIP: 50147

Last Name: Trembly

Country: USA

Age at time of Accident/Incident: 77

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**

02/10/2021  
mm/dd/yyyy

### **Medical Certificate Limitations**

MUST wear corrective lens

### **Medical Certificate Special Issuance**

Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks: 10/18/2020  
mm/dd/yyyy

### **Flight Review Aircraft**

Make: Last Aircraft Kit

Model: Highlander

### **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**

### **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                                                  | 483          | 483               | 483                    | 0                    | 8     | 0          | 0         | 0          | 0      | 0                |
| Pilot in Command (PIC)                                      | 453          | 453               | 453                    | 0                    | 6     | 0          | 0         | 0          | 0      | 0                |
| Time as Instructor                                          | 0            | 0                 | 0                      | 0                    | 0     | 0          | 0         | 0          | 0      | 0                |
| This Make/Model                                             |              |                   |                        |                      | 0     | 0          | 0         |            |        |                  |
| Last 90 Days                                                | 17           | 17                | 17                     | 0                    | 1     | 0          | 0         | 0          | 0      | 0                |
| Last 30 Days                                                | 17           | 17                | 17                     | 0                    | 0     | 0          | 0         | 0          | 0      | 0                |
| Last 24 Hours                                               | 4.5          | 4.5               | 4.5                    | 0                    | 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: \_\_\_\_\_

City of Residence: \_\_\_\_\_

Middle Initial: \_\_\_\_\_

State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Last Name: \_\_\_\_\_

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

#### 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

\_\_\_\_\_ mm/dd/yyyy

#### Medical Certificate Limitations

#### Medical Certificate Special Issuance

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

\_\_\_\_\_ mm/dd/yyyy

#### Flight Review Aircraft

Make: \_\_\_\_\_

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

#### 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

#### 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             |              |                   |                        |                      |       |            |           |            |        |                  |
| Pilot in Command (PIC) |              |                   |                        |                      |       |            |           |            |        |                  |
| Time as Instructor     |              |                   |                        |                      |       |            |           |            |        |                  |
| This Make/Model        |              |                   |                        |                      |       |            |           |            |        |                  |
| Last 90 Days           |              |                   |                        |                      |       |            |           |            |        |                  |
| Last 30 Days           |              |                   |                        |                      |       |            |           |            |        |                  |
| Last 24 Hours          |              |                   |                        |                      |       |            |           |            |        |                  |

| ADDITIONAL FLIGHT CREWMEMBERS (Exclusive of cabin crew, complete the following information)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                                                                                          |                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Crew Name and Address</b><br>First Name: _____ City of Residence: _____<br>Middle Initial: _____ State: _____ ZIP: _____<br>Last Name: _____ Country: _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                          |                                                                                                                                                            | <b>Seat Occupied</b><br><input type="radio"/> Left <input type="radio"/> Front<br><input type="radio"/> Center <input type="radio"/> Rear<br><input type="radio"/> Right <input type="radio"/> Single<br><input type="radio"/> Unknown                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                 | <b>Injury</b><br><input type="radio"/> None<br><input type="radio"/> Minor<br><input type="radio"/> Serious<br><input type="radio"/> Fatal<br><input type="radio"/> Unknown                                                                                                                                                                                                                                                              |
| <b>Pilot Certificate(s) (Check all that apply)</b><br><div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"><input type="checkbox"/> None</div> <div style="width: 50%;"><input type="checkbox"/> Flight Instructor</div> <div style="width: 50%;"><input type="checkbox"/> Commercial</div> <div style="width: 50%;"><input type="checkbox"/> US Military</div> <div style="width: 50%;"><input type="checkbox"/> Private</div> <div style="width: 50%;"><input type="checkbox"/> Recreational</div> <div style="width: 50%;"><input type="checkbox"/> Airline Transport</div> <div style="width: 50%;"><input type="checkbox"/> Foreign</div> <div style="width: 50%;"><input type="checkbox"/> Student</div> <div style="width: 50%;"><input type="checkbox"/> Sport</div> <div style="width: 50%;"><input type="checkbox"/> Flight Engineer</div> </div> |  |                                                                                                                                          |                                                                                                                                                            | <b>Restraint Type:</b><br><div style="display: flex;"> <div style="width: 50%;"> <b>Available</b><br/> <input type="radio"/> None<br/> <input type="radio"/> Lap Only<br/> <input type="radio"/> 3-point<br/> <input type="radio"/> 4-point<br/> <input type="radio"/> 5-point<br/> <input type="radio"/> Unknown             </div> <div style="width: 50%;"> <b>Used</b><br/> <input type="radio"/> None<br/> <input type="radio"/> Lap Only<br/> <input type="radio"/> 3-point<br/> <input type="radio"/> 4-point<br/> <input type="radio"/> 5-point<br/> <input type="radio"/> Unknown             </div> </div> |                                                                                                                                                                                                                 | <b>Inflatable Restraints</b><br><input type="checkbox"/> Not Installed<br><input type="checkbox"/> Installed<br><input type="checkbox"/> Not Deployed<br><input type="checkbox"/> Deployed<br><input type="checkbox"/> Unknown                                                                                                                                                                                                           |
| <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                                                                |                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Crew Name and Address</b><br>First Name: _____ City of Residence: _____<br>Middle Initial: _____ State: _____ ZIP: _____<br>Last Name: _____ Country: _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                          |                                                                                                                                                            | <b>Seat Occupied</b><br><input type="radio"/> Left <input type="radio"/> Front<br><input type="radio"/> Center <input type="radio"/> Rear<br><input type="radio"/> Right <input type="radio"/> Single<br><input type="radio"/> Unknown                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                 | <b>Injury</b><br><input type="radio"/> None<br><input type="radio"/> Minor<br><input type="radio"/> Serious<br><input type="radio"/> Fatal<br><input type="radio"/> Unknown                                                                                                                                                                                                                                                              |
| <b>Pilot Certificate(s) (Check all that apply)</b><br><div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"><input type="checkbox"/> None</div> <div style="width: 50%;"><input type="checkbox"/> Flight Instructor</div> <div style="width: 50%;"><input type="checkbox"/> Commercial</div> <div style="width: 50%;"><input type="checkbox"/> US Military</div> <div style="width: 50%;"><input type="checkbox"/> Private</div> <div style="width: 50%;"><input type="checkbox"/> Recreational</div> <div style="width: 50%;"><input type="checkbox"/> Airline Transport</div> <div style="width: 50%;"><input type="checkbox"/> Foreign</div> <div style="width: 50%;"><input type="checkbox"/> Student</div> <div style="width: 50%;"><input type="checkbox"/> Sport</div> <div style="width: 50%;"><input type="checkbox"/> Flight Engineer</div> </div> |  |                                                                                                                                          |                                                                                                                                                            | <b>Restraint Type:</b><br><div style="display: flex;"> <div style="width: 50%;"> <b>Available</b><br/> <input type="radio"/> None<br/> <input type="radio"/> Lap Only<br/> <input type="radio"/> 3-point<br/> <input type="radio"/> 4-point<br/> <input type="radio"/> 5-point<br/> <input type="radio"/> Unknown             </div> <div style="width: 50%;"> <b>Used</b><br/> <input type="radio"/> None<br/> <input type="radio"/> Lap Only<br/> <input type="radio"/> 3-point<br/> <input type="radio"/> 4-point<br/> <input type="radio"/> 5-point<br/> <input type="radio"/> Unknown             </div> </div> |                                                                                                                                                                                                                 | <b>Inflatable Restraints</b><br><input type="checkbox"/> Not Installed<br><input type="checkbox"/> Installed<br><input type="checkbox"/> Not Deployed<br><input type="checkbox"/> Deployed<br><input type="checkbox"/> Unknown                                                                                                                                                                                                           |
| <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                                                                |                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PASSENGER(S) / OTHER PERSONNEL (Include cabin crew; continue on separate sheet if necessary)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                                                                                                                          |                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Name and Address                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | Seat                                                                                                                                     | Injury                                                                                                                                                     | Restraint Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                 | Inflatable Restraints                                                                                                                                                                                                                                                                                                                                                                                                                    |
| First Name: _____ City: _____<br>Middle Initial: _____ State: _____ ZIP: _____<br>Last Name: _____ Country: _____<br><div style="display: flex; justify-content: space-around; margin-top: 10px;"> <input type="radio"/> Crew    <input type="radio"/> Passenger    <input type="radio"/> Other           </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | <input type="radio"/> Left<br><input type="radio"/> Center<br><input type="radio"/> Right<br><input type="radio"/> Unknown<br>Row: _____ | <input type="radio"/> None<br><input type="radio"/> Minor<br><input type="radio"/> Serious<br><input type="radio"/> Fatal<br><input type="radio"/> Unknown | <b>Available</b><br><input type="radio"/> None<br><input type="radio"/> Lap Only<br><input type="radio"/> 3-point<br><input type="radio"/> 4-point<br><input type="radio"/> 5-point<br><input type="radio"/> Unknown                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Used</b><br><input type="radio"/> None<br><input type="radio"/> Lap Only<br><input type="radio"/> 3-point<br><input type="radio"/> 4-point<br><input type="radio"/> 5-point<br><input type="radio"/> Unknown | <input type="checkbox"/> Not Installed<br><input type="checkbox"/> Installed<br><input type="checkbox"/> Not Deployed<br><input type="checkbox"/> Deployed<br><input type="checkbox"/> Unknown<br><div style="margin-top: 10px;"> <input type="checkbox"/> Under 5 years<br/>             If Under 5,<br/> <input type="radio"/> Child Restraint<br/> <input type="radio"/> Lap-Held<br/> <input type="radio"/> Unknown           </div> |
| First Name: _____ City: _____<br>Middle Initial: _____ State: _____ ZIP: _____<br>Last Name: _____ Country: _____<br><div style="display: flex; justify-content: space-around; margin-top: 10px;"> <input type="radio"/> Crew    <input type="radio"/> Passenger    <input type="radio"/> Other           </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | <input type="radio"/> Left<br><input type="radio"/> Center<br><input type="radio"/> Right<br><input type="radio"/> Unknown<br>Row: _____ | <input type="radio"/> None<br><input type="radio"/> Minor<br><input type="radio"/> Serious<br><input type="radio"/> Fatal<br><input type="radio"/> Unknown | <b>Available</b><br><input type="radio"/> None<br><input type="radio"/> Lap Only<br><input type="radio"/> 3-point<br><input type="radio"/> 4-point<br><input type="radio"/> 5-point<br><input type="radio"/> Unknown                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Used</b><br><input type="radio"/> None<br><input type="radio"/> Lap Only<br><input type="radio"/> 3-point<br><input type="radio"/> 4-point<br><input type="radio"/> 5-point<br><input type="radio"/> Unknown | <input type="checkbox"/> Not Installed<br><input type="checkbox"/> Installed<br><input type="checkbox"/> Not Deployed<br><input type="checkbox"/> Deployed<br><input type="checkbox"/> Unknown<br><div style="margin-top: 10px;"> <input type="checkbox"/> Under 5 years<br/>             If Under 5,<br/> <input type="radio"/> Child Restraint<br/> <input type="radio"/> Lap-Held<br/> <input type="radio"/> Unknown           </div> |
| First Name: _____ City: _____<br>Middle Initial: _____ State: _____ ZIP: _____<br>Last Name: _____ Country: _____<br><div style="display: flex; justify-content: space-around; margin-top: 10px;"> <input type="radio"/> Crew    <input type="radio"/> Passenger    <input type="radio"/> Other           </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | <input type="radio"/> Left<br><input type="radio"/> Center<br><input type="radio"/> Right<br><input type="radio"/> Unknown<br>Row: _____ | <input type="radio"/> None<br><input type="radio"/> Minor<br><input type="radio"/> Serious<br><input type="radio"/> Fatal<br><input type="radio"/> Unknown | <b>Available</b><br><input type="radio"/> None<br><input type="radio"/> Lap Only<br><input type="radio"/> 3-point<br><input type="radio"/> 4-point<br><input type="radio"/> 5-point<br><input type="radio"/> Unknown                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Used</b><br><input type="radio"/> None<br><input type="radio"/> Lap Only<br><input type="radio"/> 3-point<br><input type="radio"/> 4-point<br><input type="radio"/> 5-point<br><input type="radio"/> Unknown | <input type="checkbox"/> Not Installed<br><input type="checkbox"/> Installed<br><input type="checkbox"/> Not Deployed<br><input type="checkbox"/> Deployed<br><input type="checkbox"/> Unknown<br><div style="margin-top: 10px;"> <input type="checkbox"/> Under 5 years<br/>             If Under 5,<br/> <input type="radio"/> Child Restraint<br/> <input type="radio"/> Lap-Held<br/> <input type="radio"/> Unknown           </div> |
| First Name: _____ City: _____<br>Middle Initial: _____ State: _____ ZIP: _____<br>Last Name: _____ Country: _____<br><div style="display: flex; justify-content: space-around; margin-top: 10px;"> <input type="radio"/> Crew    <input type="radio"/> Passenger    <input type="radio"/> Other           </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | <input type="radio"/> Left<br><input type="radio"/> Center<br><input type="radio"/> Right<br><input type="radio"/> Unknown<br>Row: _____ | <input type="radio"/> None<br><input type="radio"/> Minor<br><input type="radio"/> Serious<br><input type="radio"/> Fatal<br><input type="radio"/> Unknown | <b>Available</b><br><input type="radio"/> None<br><input type="radio"/> Lap Only<br><input type="radio"/> 3-point<br><input type="radio"/> 4-point<br><input type="radio"/> 5-point<br><input type="radio"/> Unknown                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Used</b><br><input type="radio"/> None<br><input type="radio"/> Lap Only<br><input type="radio"/> 3-point<br><input type="radio"/> 4-point<br><input type="radio"/> 5-point<br><input type="radio"/> Unknown | <input type="checkbox"/> Not Installed<br><input type="checkbox"/> Installed<br><input type="checkbox"/> Not Deployed<br><input type="checkbox"/> Deployed<br><input type="checkbox"/> Unknown<br><div style="margin-top: 10px;"> <input type="checkbox"/> Under 5 years<br/>             If Under 5,<br/> <input type="radio"/> Child Restraint<br/> <input type="radio"/> Lap-Held<br/> <input type="radio"/> Unknown           </div> |

| FLIGHT ITINERARY INFORMATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Last Departure Point</b><br>Airport ID: <u>K BWG</u><br>City: <u>Bowling Green</u><br>State: <u>KY</u><br>Country: <u>USA</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | <b>Time of Departure</b><br>Time: <u>10:15 AM</u><br>Time Zone: <u>Central</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <b>Destination</b><br>Airport ID: <u>RMTU</u><br>City: <u>MT Vernon</u><br>State: <u>IL</u><br>Country: <u>USA</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | <b>Type Flight Plan Filed</b><br><input type="radio"/> None <input type="radio"/> VFR/IFR<br><input type="radio"/> Company VFR <input type="radio"/> IFR<br><input type="radio"/> Military VFR <input type="radio"/> Unknown<br><input checked="" type="radio"/> VFR<br>Activated? <input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Unknown                                                                                                                                                                                                                       |  |
| <b>Type of ATC Clearance/Service (Check all that apply)</b><br><div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"><input checked="" type="checkbox"/> None</div> <div style="width: 50%;"><input type="checkbox"/> Special VFR</div> <div style="width: 50%;"><input type="checkbox"/> Special IFR</div> <div style="width: 50%;"><input type="checkbox"/> VFR Flight Following</div> <div style="width: 50%;"><input type="checkbox"/> Cruise</div> <div style="width: 50%;"><input type="checkbox"/> VFR</div> <div style="width: 50%;"><input type="checkbox"/> IFR</div> <div style="width: 50%;"><input type="checkbox"/> VFR On Top</div> <div style="width: 50%;"><input type="checkbox"/> Traffic Advisory</div> <div style="width: 50%;"><input type="checkbox"/> Unknown / NA</div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| <b>Airspace where the accident/incident occurred (Check all that apply)</b><br><div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"><input type="checkbox"/> Class A</div> <div style="width: 33%;"><input checked="" type="checkbox"/> Class G</div> <div style="width: 33%;"><input type="checkbox"/> Military Operations Area (MOA)</div> <div style="width: 33%;"><input type="checkbox"/> Special</div> <div style="width: 33%;"><input type="checkbox"/> Class B</div> <div style="width: 33%;"><input type="checkbox"/> Demo Area</div> <div style="width: 33%;"><input type="checkbox"/> Airport Advisory Area</div> <div style="width: 33%;"><input type="checkbox"/> Air Traffic Control Area</div> <div style="width: 33%;"><input type="checkbox"/> Class C</div> <div style="width: 33%;"><input type="checkbox"/> Warning Area</div> <div style="width: 33%;"><input type="checkbox"/> Jet Training Area</div> <div style="width: 33%;"><input type="checkbox"/> Unknown</div> <div style="width: 33%;"><input type="checkbox"/> Class D</div> <div style="width: 33%;"><input type="checkbox"/> Prohibited Area</div> <div style="width: 33%;"><input type="checkbox"/> TRSA</div> <div style="width: 33%;"></div> <div style="width: 33%;"><input type="checkbox"/> Class E</div> <div style="width: 33%;"><input type="checkbox"/> Restricted Area</div> <div style="width: 33%;"><input type="checkbox"/> FAR 93</div> </div> |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| <b>Altitude of In-Flight Occurrence:</b> _____ ft msl                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| WEATHER INFORMATION AT THE ACCIDENT/INCIDENT SITE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| <b>Source of Pilot Weather Information (Check all that apply)</b><br><input checked="" type="checkbox"/> National Weather Service<br><input type="checkbox"/> Flight Service Station<br><input type="checkbox"/> TV/Radio<br><input checked="" type="checkbox"/> Automated Report<br><input type="checkbox"/> Commercial Weather Service (DUATS)<br><input type="checkbox"/> On-Board Weather<br><input type="checkbox"/> Company<br><input type="checkbox"/> Military<br><input checked="" type="checkbox"/> Internet<br><input type="checkbox"/> None<br><input type="checkbox"/> Unknown                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | <b>Weather Observation Facility</b><br>Facility ID: <u>K BWG MOS</u><br>Observation Time: <u>10:30 CDT</u><br>Time Zone: <u>CDT</u><br>Distance from Accident Site: <u>90</u> nm<br>Direction from Accident Site: <u>290</u> degrees true                                                                                                                                                                                                                                                                                                                                                            |  |
| <b>Basic Conditions</b><br><input checked="" type="radio"/> VMC<br><input type="radio"/> IMC<br><input type="radio"/> Unknown                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | <b>Light Condition</b><br><input type="radio"/> Dawn <input type="radio"/> Dusk <input type="radio"/> Dark Night <input type="radio"/> Unknown<br><input checked="" type="radio"/> Day <input type="radio"/> Night <input type="radio"/> Bright Night                                                                                                                                                                                                                                                                                                                                                |  |
| <b>Sky/Lowest Cloud Condition</b><br><input type="radio"/> Clear <input type="radio"/> Thin Broken<br><input checked="" type="radio"/> Few <input type="radio"/> Thin Overcast<br><input type="radio"/> Partial Obscuration <input type="radio"/> Unknown<br><input type="radio"/> Scattered<br><b>Lowest Cloud Condition Height</b><br><u>5,000</u> ft agl                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | <b>Ceiling</b><br><input checked="" type="radio"/> None (Clear) <input type="radio"/> Obscured<br><input type="radio"/> Broken <input type="radio"/> Indefinite<br><input type="radio"/> Overcast <input type="radio"/> Unknown<br><b>Ceiling Height</b><br>_____ ft agl                                                                                                                                                                                                                                                                                                                             |  |
| <b>Wind Direction</b><br><input type="checkbox"/> Variable<br>-or-<br>Direction: <u>172</u> degrees true                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | <b>Wind Speed</b><br><input type="checkbox"/> Calm<br><input type="checkbox"/> Light and Variable<br>-or-<br>Speed: <u>15</u> kts                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| <b>Wind Gusts</b><br><input type="checkbox"/> Not Gusting<br>-or-<br>Speed: <u>20</u> kts                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | <b>Visibility</b> <u>10</u> miles<br>RVR: _____ feet<br>RVV: _____ miles<br><b>Density Altitude:</b> _____ ft                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
| <b>Intensity of Precipitation</b><br><input type="radio"/> Light<br><input type="radio"/> Moderate<br><input type="radio"/> Heavy<br><input checked="" type="radio"/> N/A<br><input type="radio"/> Unknown                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | <b>Type of Precipitation (Check all that apply)</b><br><input checked="" type="checkbox"/> None <input type="checkbox"/> Drizzle <input type="checkbox"/> Freezing Rain<br><input type="checkbox"/> Rain <input type="checkbox"/> Ice Pellets <input type="checkbox"/> Snow Shower<br><input type="checkbox"/> Snow <input type="checkbox"/> Snow Pellets <input type="checkbox"/> Ice Pellets Shower<br><input type="checkbox"/> Hail <input type="checkbox"/> Snow Grains <input type="checkbox"/> Freezing Drizzle<br><input type="checkbox"/> Rain Showers <input type="checkbox"/> Ice Crystals |  |
| <b>Restriction to Visibility (Check all that apply)</b><br><input checked="" type="checkbox"/> None <input type="checkbox"/> Fog<br><input type="checkbox"/> Blowing Dust <input type="checkbox"/> Ground Fog<br><input type="checkbox"/> Blowing Sand <input type="checkbox"/> Haze<br><input type="checkbox"/> Blowing Snow <input type="checkbox"/> Ice Fog<br><input type="checkbox"/> Blowing Spray <input type="checkbox"/> Smoke<br><input type="checkbox"/> Dust <input type="checkbox"/> Unknown                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | <b>Icing Forecast</b><br><b>Amount</b><br><input checked="" type="radio"/> None <input type="radio"/> Trace<br><input type="radio"/> Light <input type="radio"/> Moderate<br><input type="radio"/> Severe <input type="radio"/> Unknown<br><b>Type</b><br><input type="radio"/> N/A <input type="radio"/> Rime<br><input type="radio"/> Clear <input type="radio"/> Mixed<br><input type="radio"/> Unknown                                                                                                                                                                                           |  |
| <b>Icing Actual</b><br><b>Amount</b><br><input checked="" type="radio"/> None <input type="radio"/> Trace<br><input type="radio"/> Light <input type="radio"/> Moderate<br><input type="radio"/> Severe <input type="radio"/> Unknown<br><b>Type</b><br><input type="radio"/> N/A <input type="radio"/> Rime<br><input type="radio"/> Clear <input type="radio"/> Mixed<br><input type="radio"/> Unknown                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | <b>Turbulence</b><br><b>Type (Check all that apply)</b><br><input checked="" type="checkbox"/> None <input type="checkbox"/> Clear Air<br><input type="checkbox"/> Terrain-Induced <input type="checkbox"/> Convective Turbulence<br><b>Severity</b><br><input type="checkbox"/> Light <input type="checkbox"/> Moderate<br><input type="checkbox"/> Severe <input type="checkbox"/> Extreme                                                                                                                                                                                                         |  |
| <b>NOTAMs (D and FDC), AIRMETs, SIGMETs, PIREPs in effect at the time of the accident/incident:</b><br><u>None</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |

## DAMAGE TO AIRCRAFT AND OTHER PROPERTY

### Aircraft Damage

- ☐ None  
☐ Minor  
☒ Substantial  
☐ Destroyed  
☐ Unknown

### Aircraft Fire

- ☒ None  
☐ In-Flight  
☐ On-Ground  
☐ Both Ground and In-Flight  
☐ Fire at Unknown Time  
☐ Unknown

### Aircraft Explosion

- ☒ None  
☐ In-Flight  
☐ On-Ground  
☐ Both Ground and In-Flight  
☐ Explosion at Unknown Time  
☐ Unknown

### Description of Damage to Aircraft and Other Property (Use additional sheet if necessary)

3 propeller blades broken, cowling cracked, nose leg and wheel destroyed, left wing tip crushed, left wing gas cap missing, right wing has minor damage, fuselage may be twisted, vertical stabilizer and rudder may have minor damage. Some small soybean plants were crushed from aircraft landing on its back in them, more were damaged by leaking gasoline, more were damaged by Emergency Rescue crew inspecting the aircraft and site, more were damaged by salvage team removing the aircraft from the field.

## 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.

After a smooth, 2.5 hours flight through the Appalachian mountains from Oconee County Airport, KCEU, the broken clouds were lifting and weather was good as I landed at Bowling Green Airport, KBWG, around 10 am, local time, taxied to the self-serve fuel pumps, observed the attach clip on the ground cable was broken, called the service number and left a message, attached it by wrapping the cable around the nose leg, brought out the ladder, requested 15 gallons of 100 LL fuel, paid for it with my AmEx credit card, turned on the pump, pulled out the hose, climbed the ladder, removed the compression gas cap lever with my Swiss Army knife, placed it in the wing beside the opening, inserted the fuel nozzle and filled the tank as full as I thought I could without it heating, expanding and overflowing. Then I replaced the cap, pressed down the lever, climbed down the ladder, drug the hose to the other side and laid it on the ground, brought the ladder from the side previously fueled and set it by the wing, climbed the ladder with the hose, removed the gas cap as I had done on the previous tank and placed it on the wing, fueled the tank as full as I estimated it could be without expanding and overflowing, replaced the cap, pressed down the compression lever, climbed down the ladder, reeled in the hose, reeled in the ground cable, took my fuel receipt for 10.5 gallons of 100 LL, looked under the fuselage for any leaks or carbon, checked the engine oil level which was in the middle of the dip stick, closed the inspection port, made a walk around the fuselage and pushed the aircraft away from the pumps. After reviewing the briefing in Foreflight, I filed a VFR flight plan through the app from KBWG to KMVN, Mt. Vernon, IL, about 1.5 hours, called to notify local traffic of my intentions, taxied and departed the active runway with smooth climb out and cruise.

Because of a 10 kts tailwind I was flying at 2,500 feet with a ground speed of about 100 kts. After having two of the carburetor floats replaced the day before I left Oconee, the engine was running smoother than ever with greater fuel economy. Almost exactly 1 hour from my departure from KBWG the engine stopped. When the propeller stopped turning I tried to restart it with the electric starter. It turned over freely but never fired so I realized I was having a forced landing. I saw a big, flat field to my right. I knew I had a tail wind so I turned about 180 degrees to my right and landed in the soft dirt. As soon as my nose wheel touched it dug in. The strong cross wind from the right caused the left wing tip to dig in as the aircraft flipped over stopping on its back. The vertical stabilizer and rudder were only slightly damaged because of landing in the soft dirt and lack of momentum. My Foreflight electronic log indicated there was 2 minutes from when the engine stopped until I landed.

As I hung upside down in my harness I heard fuel gurgling out which caused me to anxiously, quickly exit the aircraft. Happily, I sustained minor injuries; a scrape on my right shin from my leg hitting the bottom of the instrument panel as the plane stopped, a bruise on my left calf from bumping the door post, a bump on the top of my head when the aircraft stopped upside down. I closed my flight plan in the Foreflight app. I had landed in a soybean field near a gravel lane which I walked up to a farm house about half a mile. No one was home so I waited until after 5 pm when the farmer drove in. We drove in his pick up to see my airplane then called the Muhlenberg county sheriff to report the accident. Emergency crews came to check me and the airplane. I signed waivers declining emergency medical treatment. 48 hours later the salvage crew came, lifted the fuselage, carried it out of the field, turned it onto its wheels, noticed there was no fuel in either tank and the left tank cap missing. A search for the gas cap was unsuccessful. They loaded it onto a trailer and hauled it to their salvage yard in Springfield, TN to be examined by the NTSB to determine the cause of the accident.

**RECOMMENDATION (How could this accident/incident have been prevented?)****Operator/Owner Safety Recommendation**

The landing was abruptly forced by the engine stopping and refusing attempts to restart it. Fuel starvation was the probable cause. Numerous factors could have caused, including water in the gas, failure of the fuel pump, blockage in the fuel line, fuel valve shut off, or the gas tanks being empty of usable fuel. The aircraft is not equipped with fuel gauges, but the fuel level in the right and left wing tanks is visible through the translucent fiberglass tank side. I heard gas leaking out near my head as I hung upside down in my harness but I do not know how much gas was in the tanks which I would have had I checked it earlier in 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.)

Engine fuel starvation for unknown reasons.

Total Time/Cycles  
On Part

207.5 Hours  
Cycles

Time Since This Part  
Inspected/Overhauled

30.5 Hours

**FUEL & SERVICES INFORMATION**

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

Gallons

Fuel Type

☐ 80/87

☐ 100 Low Lead

☐ 100/130

☐ 115/145

☐ Jet A

☐ Jet A-1

☐ Jet B

☐ JP8

☐ Automotive

☐ Other, specify \_\_\_\_\_

Other Services, if Any, Prior to Departure

2 Carburetor floats replaced 3.5 hrs previously

**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

unlatched safety harness, unlatched & opened left door,  
Pilot exited solo occupant

**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  
☐ Substantial

☐ Minor  
☐ 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

05/29/2021  
mm/dd/yyyy

Name of Pilot/Operator:

Robert Tremblay

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.

ERA21LA228

Reviewed by NTSB Regional Office

ERA

Name of Investigator

L.Read

Date Report Received

5/29/2021