

# 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: SAUGET/CAHOKIA State: IL

ZIP: 62206 Country: UNITED STATES

Latitude: 38.5663818 Longitude: -90.1437034

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

### Accident/Incident Date/Time

Date: 05/23/2019 Local Time: 2:10PM  
mm/dd/yyyy

Time Zone: CENTRAL

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

## AIRCRAFT INFORMATION

Registration Number: N369PA

Manufacturer: GUIMBAL

Model: G2CA

Serial Number: 1109

Year of Manufacture: 2015

Amateur-Built: ☐ Yes ☒ No If Yes: ☐ Kit/Plans ☐ Original Design Make: \_\_\_\_\_

☐ IFR-Equipped and Certified

☐ Commercial Space Flight

☐ Unmanned Aircraft

Maximum Gross Weight: 1543 lbs

Weight at Time of Accident/Incident: 1425 lbs

Number of Seats: 2 Flight Crew Seats: 1

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

#### Special

- ☐ Restricted
- ☐ Limited
- ☐ Provisional
- ☐ Special Flight
- ☐ Experimental
- ☐ Special Light-Sport
- ☐ Experimental Light-Sport

☐ Certificate of Authorization or Waiver (COA)

☐ None

☐ Unknown

### Landing Gear

(Check all that apply)

☐ Retractable

- ☐ Tricycle
- ☐ Amphibian
- ☐ Emergency Float
- ☐ Float
- ☐ Hull
- ☐ Tailwheel
- ☐ High Skid
- ☒ Skid
- ☐ Ski
- ☐ Ski/Wheel

☐ Other Launch/Recovery System

☐ None

☐ 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>mm/dd/yyyy | 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 | LYCOMING            | O-360-J2A           | L-42634-36E                  | 09/06/2015                 | 145                                                                                                  | 1839.8                | 48.9                                 | -                   |
| Eng. 2 |                     |                     |                              |                            |                                                                                                      |                       |                                      |                     |
| Eng. 3 |                     |                     |                              |                            |                                                                                                      |                       |                                      |                     |
| Eng. 4 |                     |                     |                              |                            |                                                                                                      |                       |                                      |                     |

### Last Inspection Type

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

Date Last Inspection: 05/08/2019  
mm/dd/yyyy

Airframe Total Time: 1839.8 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: PERSONAL EXTINGUISHER ON BOARD

### 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: KANNAD

Model or Part No.: AF-COMPACT

TSO No.: ☐ OC91 (121.5 MHz) ☐ OC91a (121.5 MHz)  
☒ C126 (406 MHz)

Was ELT still mounted in aircraft? ☒ Yes ☐ No

Was ELT still connected to antenna? ☒ Yes ☐ No

Did ELT Activate? ☒ Yes ☐ No

If activated:

Did ELT Aid in Locating Aircraft? ☐ Yes ☒ No

If not activated:

- Indicate Reason:
- ☐ Impact Damage
  - ☐ Fire Damage
  - ☐ Battery Expired/Damaged
  - ☐ Unknown

### Additional Equipment (Check all that apply)

- ☒ ADS-B
- ☐ Airframe Parachute
- ☐ Angle of Attack Indicator
- ☐ Autopilot
- ☐ Data Recorder
- ☐ Electronic Flight Bag or Handheld Device
- ☒ Electronic Multifunction Display
- ☒ Electronic Primary Flight Display
- ☐ Handheld GPS
- ☐ Heads Up Display
- ☐ Onboard Weather
- ☐ Satellite Tracking Device
- ☐ Stall Warning System
- ☐ Video Recording Device
- ☐ Other, Specify: \_\_\_\_\_

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Registered Aircraft Owner</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | City: <input type="text"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| Name: <u>D.H. HELICOPTER</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | State: <u>SAUGET</u> ZIP: <u>62206</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
| Fractional Ownership Aircraft: <input type="radio"/> Yes <input checked="" type="radio"/> No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | Country: <u>UNITED STATES</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
| <b>Operator of Aircraft</b> <input checked="" type="checkbox"/> Same As Registered Owner                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | <input type="checkbox"/> Same Address as Registered Owner                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Name: _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | City: _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| Doing Business As: _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | State: _____ ZIP: _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| Air Carrier/Operator Designator (4 Character Code): _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | Country: _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| <b>Operating Certificates Held</b><br>(Check all that apply)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | <b>Regulation Flight Conducted Under</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| <input type="checkbox"/> None<br><input type="checkbox"/> Flag Carrier Operating Certificate (FAR 121)<br><input type="checkbox"/> Supplemental<br><input type="checkbox"/> Air Cargo<br><input type="checkbox"/> Foreign Air Carriers (FAR 129)<br><input type="checkbox"/> Rotorcraft External Load (FAR 133)<br><input type="checkbox"/> Commuter Air Carrier (FAR 135)<br><input type="checkbox"/> On-Demand Air Taxi (FAR 135)<br><input type="checkbox"/> Commercial Air Tour (FAR 136)<br><input type="checkbox"/> Agricultural Aircraft (FAR 137)<br><input checked="" type="checkbox"/> Pilot School (FAR 141)<br><input type="checkbox"/> Certificate of Authorization or Waiver (COA)<br><input type="checkbox"/> Commercial Space Transportation<br>Experimental Permit<br><input type="checkbox"/> Commercial Space Transportation License<br><input type="checkbox"/> Other Operator of Large Aircraft |  | <input checked="" type="radio"/> FAR 91 <input type="radio"/> FAR 129 <input type="radio"/> FAR 415<br><input type="radio"/> FAR 103 <input type="radio"/> FAR 133 <input type="radio"/> FAR 431<br><input type="radio"/> FAR 121 <input type="radio"/> FAR 135 <input type="radio"/> FAR 435<br><input type="radio"/> FAR 125 <input type="radio"/> FAR 137 <input type="radio"/> FAR 437<br><br><input type="radio"/> FAR 91 Special Flight<br><input type="radio"/> Non-US, Commercial<br><input type="radio"/> Non-US, Non-commercial<br><br><input type="radio"/> Public Aircraft (Select one)<br><input type="radio"/> Armed Forces<br><input type="radio"/> Federal<br><input type="radio"/> State<br><input type="radio"/> Local<br><br><input type="radio"/> Unknown |  |
| <b>Revenue Sightseeing Flight</b><br><input type="radio"/> Yes <input checked="" type="radio"/> No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | <b>Air Medical Flight</b><br><input type="radio"/> Yes <input checked="" type="radio"/> No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| <b>Revenue Operation for FAR 121, 125, 129, 135</b><br>(Select one for each group)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| <input type="radio"/> Scheduled or Commuter <input type="radio"/> Domestic<br><input type="radio"/> Non-Scheduled or Air Taxi <input type="radio"/> International<br><br><input type="radio"/> Passenger<br><input type="radio"/> Cargo<br><input type="radio"/> Mail Contract Only                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| <b>Purpose of Flight for FAR 91, 103, 133, 137</b><br>(Select one)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| <input type="radio"/> Aerial Application <input type="radio"/> Firefighting <input type="radio"/> Unknown<br><input type="radio"/> Aerial Observation <input type="radio"/> Flight Test<br><input type="radio"/> Air Drop <input type="radio"/> Glider Tow<br><input type="radio"/> Air Race/Show <input checked="" type="radio"/> Instructional<br><input type="radio"/> Banner Tow <input type="radio"/> Other Work Use<br><input type="radio"/> Business <input type="radio"/> Personal<br><input type="radio"/> Executive/Corporate <input type="radio"/> Positioning<br><input type="radio"/> External Load <input type="radio"/> Skydiving<br><input type="radio"/> Ferry                                                                                                                                                                                                                                      |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| <b>AIRPORT INFORMATION</b> (Fill in if accident/incident occurred on approach, landing, takeoff, departure, or within 3 miles of an airport)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| <b>Airport Name:</b> <u>ST LOUIS DOWNTOWN AIRPORT</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | <b>Distance From Airport Center:</b> <u>0</u> sm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
| <b>Airport Identifier:</b> <u>KCPs</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | <b>Direction From Airport:</b> <u>0</u> degrees true                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| <b>Proximity to Airport:</b> <input type="radio"/> Off Airport/Airstrip <input checked="" type="radio"/> On Airport/Airstrip <input type="radio"/> N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | <b>Airport Elevation:</b> <u>413</u> ft. msl                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <b>Runway Information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | <b>Condition of Runway/Landing Surface</b> (Check all that apply)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Runway ID: <u>30R</u> (L/R/C) Length: <u>5300</u> ft Width: <u>75</u> ft                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | <input checked="" type="checkbox"/> Dry <input type="checkbox"/> Snow-Compacted <input type="checkbox"/> Water-Calm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| <b>Runway/Landing Surface</b> (Check all that apply)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | <input type="checkbox"/> Holes <input type="checkbox"/> Snow-Crusted <input type="checkbox"/> Water-Choppy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| <input type="checkbox"/> Asphalt <input type="checkbox"/> Grass/Turf <input type="checkbox"/> Macadam <input type="checkbox"/> Water                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | <input type="checkbox"/> Ice Covered <input type="checkbox"/> Snow-Dry <input type="checkbox"/> Water-Glassy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <input checked="" type="checkbox"/> Concrete <input type="checkbox"/> Gravel <input type="checkbox"/> Metal/Wood                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | <input type="checkbox"/> Rough <input type="checkbox"/> Snow-Wet <input type="checkbox"/> Wet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
| <input type="checkbox"/> Dirt <input type="checkbox"/> Ice <input type="checkbox"/> Snow <input type="checkbox"/> Unknown                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | <input type="checkbox"/> Rubber Deposits <input type="checkbox"/> Soft                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | <input type="checkbox"/> Slush-Covered <input type="checkbox"/> Vegetation <input type="checkbox"/> Unknown                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| <b>Approach/Departure Segment</b> (Select one)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| <input type="radio"/> Taxi <input type="radio"/> VFR Departure <input type="radio"/> On Instrument Approach <input type="radio"/> Downwind <input type="radio"/> Low Approach                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| <input type="radio"/> Takeoff <input type="radio"/> IFR Departure Procedure/Clearance <input type="radio"/> Landing <input type="radio"/> Base <input type="radio"/> Go Around                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| <input type="radio"/> Initial Climb <input type="radio"/> Aborted Landing (after touchdown)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| <input type="radio"/> Unknown                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| <b>IFR Approach</b> (Check all that apply)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | <b>VFR Approach</b> (Check all that apply)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| <input checked="" type="checkbox"/> None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | <input type="checkbox"/> None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
| <input type="checkbox"/> ADF/NDB <input type="checkbox"/> PAR <input type="checkbox"/> MLS <input type="checkbox"/> Practice                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | <input checked="" type="checkbox"/> Traffic Pattern <input type="checkbox"/> Stop and Go                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| <input type="checkbox"/> SDF <input type="checkbox"/> Sidestep <input type="checkbox"/> LDA <input type="checkbox"/> GPS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | <input type="checkbox"/> Straight-In <input type="checkbox"/> Touch and Go                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| <input type="checkbox"/> VOR/TVOR <input type="checkbox"/> ILS <input type="checkbox"/> ASR <input type="checkbox"/> Simulated Forced Landing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | <input type="checkbox"/> Valley/Terrain Following <input type="checkbox"/> Forced Landing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <input type="checkbox"/> VOR/DME <input type="checkbox"/> Localizer Only <input type="checkbox"/> Visual <input type="checkbox"/> Precautionary Landing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  | <input type="checkbox"/> Go Around                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| <input type="checkbox"/> TACAN <input type="checkbox"/> LOC-back course <input type="checkbox"/> Contact <input type="checkbox"/> Unknown                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | <input type="checkbox"/> Full Stop                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| <input type="checkbox"/> RNAV <input type="checkbox"/> Circling                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |

## "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: CHRISTOPHER

City of Residence: ELSAH

Middle Initial: J

State: IL ZIP: 62028

Last Name: KIEL

Country: UNITED STATES

Age at time of Accident/Incident: 32 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

06/18/2018  
 mm/dd/yyyy

#### Medical Certificate Limitations

NONE

#### Medical Certificate Special Issuance

N/A

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

08/27/2018  
 mm/dd/yyyy

#### Flight Review Aircraft

Make: GUIMBAL

Model: G2CA

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

☒ None  
☐ Single-Engine Land  
☐ Single-Engine Sea  
☐ Multiengine Land  
☐ Multiengine Sea

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

☐ None  
☐ Airship  
☐ Balloon  
☐ Glider  
☐ Gyroplane  
☒ Helicopter  
☐ Powered Lift

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

☐ None  
☐ Airplane  
☒ Helicopter  
☐ Powered Lift

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

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

#### Type Ratings

#### Student Endorsements (Include dates)

| Flight Time (Enter appropriate number of hours in each box) | All Aircraft | This Make & Model | Airplane Single Engine | Airplane Multiengine | Night | Instrument |           | Rotorcraft | Glider | Lighter Than Air |
|-------------------------------------------------------------|--------------|-------------------|------------------------|----------------------|-------|------------|-----------|------------|--------|------------------|
|                                                             |              |                   |                        |                      |       | Actual     | Simulated |            |        |                  |
| Total Time                                                  | 653          | 425               |                        |                      |       |            |           | 587        |        |                  |
| Pilot in Command (PIC)                                      | 545          | 425               |                        |                      |       |            |           | 545        |        |                  |
| Time as Instructor                                          | 324          | 324               |                        |                      |       |            |           | 324        |        |                  |
| This Make/Model                                             |              |                   |                        |                      |       |            |           |            |        |                  |
| Last 90 Days                                                | 135          | 135               |                        |                      | 8     |            | 9         | 135        |        |                  |
| Last 30 Days                                                | 32           | 32                |                        |                      | 1     |            | 2         | 32         |        |                  |
| Last 24 Hours                                               | 1            | 1                 |                        |                      |       |            |           | 1          |        |                  |

## "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: ETHAN

City of Residence: ST. CHARLES

Middle Initial: PAUL

State: MISSOURI ZIP: 63301

Last Name: HULSEY

Country: USA

Age at time of Accident/Incident: 27 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

01/29/2019  
mm/dd/yyyy

#### Medical Certificate Limitations

#### Medical Certificate Special Issuance

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

05/26/2019  
mm/dd/yyyy

#### Flight Review Aircraft

Make: GUIMBAL

Model: G2

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

☒ None  
☐ Single-Engine Land  
☐ Single-Engine Sea  
☐ Multiengine Land  
☐ Multiengine Sea

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

☒ None  
☐ Airship  
☐ Balloon  
☐ Glider  
☐ Gyroplane  
☐ Helicopter  
☐ Powered Lift

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

☒ None  
☐ Airplane  
☐ Helicopter  
☐ Powered Lift

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

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

#### Type Ratings

#### Student Endorsements (Include dates)

PRE SOLO KNOWLEDGE/ TRNG/ FLT 04/01/19  
 PVT PILOT KNOWLEDGE TEST 04/19/19  
 INT. SOLO/ SOLO XC 04/30/19  
 SOLO XC 04/30/19-05/21/19  
 PREREQ PRACTICAL/ PRACTICAL 05/25/19

| 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                                                  | 62           | 62                |                        |                      | 3     |            |           | 47         |        |                  |
| Pilot in Command (PIC)                                      | 11           | 11                |                        |                      |       |            |           | 11         |        |                  |
| 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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                          |                                                                                                                                                            | <b>Seat Occupied</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | <b>Injury</b>                                                                                                                                                                                                                  |
| First Name: _____ City of Residence: _____<br>Middle Initial: _____ State: _____ ZIP: _____<br>Last Name: _____ Country: _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                                                                                                          |                                                                                                                                                            | <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                                                                                                                                                                                                                                                                                                                                                                                             |  | <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)</b> (Check all that apply)<br><div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> None<br/> <input type="checkbox"/> Private<br/> <input type="checkbox"/> Student           </div> <div> <input type="checkbox"/> Flight Instructor<br/> <input type="checkbox"/> Recreational<br/> <input type="checkbox"/> Sport           </div> <div> <input type="checkbox"/> Commercial<br/> <input type="checkbox"/> Airline Transport<br/> <input type="checkbox"/> Flight Engineer           </div> <div> <input type="checkbox"/> US Military<br/> <input type="checkbox"/> Foreign           </div> </div> |  |                                                                                                                                          |                                                                                                                                                            | <b>Restraint Type:</b><br><div style="display: flex;"> <div style="flex: 1;"> <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="flex: 1;"> <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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                          |                                                                                                                                                            | <b>Seat Occupied</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | <b>Injury</b>                                                                                                                                                                                                                  |
| First Name: _____ City of Residence: _____<br>Middle Initial: _____ State: _____ ZIP: _____<br>Last Name: _____ Country: _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                                                                                                          |                                                                                                                                                            | <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                                                                                                                                                                                                                                                                                                                                                                                             |  | <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)</b> (Check all that apply)<br><div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> None<br/> <input type="checkbox"/> Private<br/> <input type="checkbox"/> Student           </div> <div> <input type="checkbox"/> Flight Instructor<br/> <input type="checkbox"/> Recreational<br/> <input type="checkbox"/> Sport           </div> <div> <input type="checkbox"/> Commercial<br/> <input type="checkbox"/> Airline Transport<br/> <input type="checkbox"/> Flight Engineer           </div> <div> <input type="checkbox"/> US Military<br/> <input type="checkbox"/> Foreign           </div> </div> |  |                                                                                                                                          |                                                                                                                                                            | <b>Restraint Type:</b><br><div style="display: flex;"> <div style="flex: 1;"> <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="flex: 1;"> <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)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                          |                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                                                                                                                                                |
| <b>Name and Address</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | <b>Seat</b>                                                                                                                              | <b>Injury</b>                                                                                                                                              | <b>Restraint Type</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | <b>Inflatable Restraints</b>                                                                                                                                                                                                   |
| 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 | <div style="display: flex;"> <div style="flex: 1;"> <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="flex: 1;"> <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>                           |  | <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                                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                          |                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | <input type="checkbox"/> Under 5 years<br><i>If Under 5,</i><br><input type="radio"/> Child Restraint<br><input type="radio"/> Lap-Held<br><input type="radio"/> Unknown                                                       |
| 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 | <div style="display: flex;"> <div style="flex: 1;"> <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="flex: 1;"> <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>                           |  | <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                                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                          |                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | <input type="checkbox"/> Under 5 years<br><i>If Under 5,</i><br><input type="radio"/> Child Restraint<br><input type="radio"/> Lap-Held<br><input type="radio"/> Unknown                                                       |
| 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 | <div style="display: flex;"> <div style="flex: 1;"> <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="flex: 1;"> <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>                           |  | <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                                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                          |                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | <input type="checkbox"/> Under 5 years<br><i>If Under 5,</i><br><input type="radio"/> Child Restraint<br><input type="radio"/> Lap-Held<br><input type="radio"/> Unknown                                                       |
| 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 | <div style="display: flex;"> <div style="flex: 1;"> <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="flex: 1;"> <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>                           |  | <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                                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                          |                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | <input type="checkbox"/> Under 5 years<br><i>If Under 5,</i><br><input type="radio"/> Child Restraint<br><input type="radio"/> Lap-Held<br><input type="radio"/> Unknown                                                       |

## FLIGHT ITINERARY INFORMATION

|                                                                                                                                                  |                                                                             |                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Last Departure Point</b><br>Airport ID: <u>KCPS</u><br>City: <u>SAUGET/CAHOKIA</u><br>State: <u>ILLINOIS</u><br>Country: <u>UNITED STATES</u> | <b>Time of Departure</b><br>Time: <u>2:10PM</u><br>Time Zone: <u>CENTRA</u> | <b>Destination</b><br>Airport ID: <u>KCPS</u><br>City: <u>SAUGET/CAHOKIA</u><br>State: <u>ILLINOIS</u><br>Country: <u>UNITED STATES</u> | <b>Type Flight Plan Filed</b><br><input checked="" 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 type="radio"/> VFR<br>Activated? <input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> Unknown |
|--------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                             |                                      |                                      |                                               |                                       |
|-------------------------------------------------------------|--------------------------------------|--------------------------------------|-----------------------------------------------|---------------------------------------|
| <b>Type of ATC Clearance/Service</b> (Check all that apply) |                                      |                                      |                                               |                                       |
| <input type="checkbox"/> None                               | <input type="checkbox"/> Special VFR | <input type="checkbox"/> Special IFR | <input type="checkbox"/> VFR Flight Following | <input type="checkbox"/> Cruise       |
| <input checked="" type="checkbox"/> VFR                     | <input type="checkbox"/> IFR         | <input type="checkbox"/> VFR On Top  | <input type="checkbox"/> Traffic Advisory     | <input type="checkbox"/> Unknown / NA |

|                                                                             |                                          |                                                         |                                                   |                                                       |
|-----------------------------------------------------------------------------|------------------------------------------|---------------------------------------------------------|---------------------------------------------------|-------------------------------------------------------|
| <b>Airspace where the accident/incident occurred</b> (Check all that apply) |                                          |                                                         |                                                   | <b>Altitude of In-Flight Occurrence:</b> _____ ft msl |
| <input type="checkbox"/> Class A                                            | <input type="checkbox"/> Class G         | <input type="checkbox"/> Military Operations Area (MOA) | <input type="checkbox"/> Special                  |                                                       |
| <input type="checkbox"/> Class B                                            | <input type="checkbox"/> Demo Area       | <input type="checkbox"/> Airport Advisory Area          | <input type="checkbox"/> Air Traffic Control Area |                                                       |
| <input type="checkbox"/> Class C                                            | <input type="checkbox"/> Warning Area    | <input type="checkbox"/> Jet Training Area              | <input type="checkbox"/> Unknown                  |                                                       |
| <input checked="" type="checkbox"/> Class D                                 | <input type="checkbox"/> Prohibited Area | <input type="checkbox"/> TRSA                           |                                                   |                                                       |
| <input type="checkbox"/> Class E                                            | <input type="checkbox"/> Restricted Area | <input type="checkbox"/> FAR 93                         |                                                   |                                                       |
|                                                                             |                                          |                                                         |                                                   |                                                       |

## WEATHER INFORMATION AT THE ACCIDENT/INCIDENT SITE

|                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Source of Pilot Weather Information</b><br>(Check all that apply)                                                                                                                                                                                                                                          | <b>Weather Observation Facility</b>                                                                                                                                                         |
| <input 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 | Facility ID: <u>KCPS</u><br>Observation Time: <u>1:53PM</u><br>Time Zone: <u>CENTRAL</u><br>Distance from Accident Site: <u>0</u> nm<br>Direction from Accident Site: <u>0</u> degrees true |
| <input type="checkbox"/> Company<br><input type="checkbox"/> Military<br><input type="checkbox"/> Internet<br><input type="checkbox"/> None<br><input type="checkbox"/> Unknown                                                                                                                               |                                                                                                                                                                                             |

|                                                                                                                               |                                                                                                                                                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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 type="radio"/> Few <input type="radio"/> Thin Overcast<br><input type="radio"/> Partial Obscuration <input checked="" type="radio"/> Unknown<br><input type="radio"/> Scattered | <b>Ceiling</b><br><input type="radio"/> None (Clear) <input type="radio"/> Obscured<br><input type="radio"/> Broken <input type="radio"/> Indefinite<br><input type="radio"/> Overcast <input checked="" type="radio"/> Unknown | <b>Temperature:</b> <u>UNK</u> (C) or _____ (F)<br><b>Dew Point:</b> <u>UNK</u> (C) or _____ (F)<br><b>Altimeter Setting:</b> <u>UNK</u> in. Hg<br>or _____ MB |
| <b>Lowest Cloud Condition Height</b><br>_____ ft agl                                                                                                                                                                                                                                         | <b>Ceiling Height</b><br>_____ ft agl                                                                                                                                                                                           |                                                                                                                                                                |

|                                                                                                                |                                                                                                                                          |                                                                                                  |                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>Wind Direction</b><br><input checked="" type="checkbox"/> Variable<br>-or-<br>Direction: _____ degrees true | <b>Wind Speed</b><br><input type="checkbox"/> Calm<br><input checked="" type="checkbox"/> Light and Variable<br>-or-<br>Speed: _____ kts | <b>Wind Gusts</b><br><input checked="" type="checkbox"/> Not Gusting<br>-or-<br>Speed: _____ kts | <b>Visibility</b> <u>UNK</u> miles<br>RVR: _____ feet<br>RVV: _____ miles<br><b>Density Altitude:</b> <u>1300</u> 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</b> (Check all that apply)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Restriction to Visibility</b> (Check all that apply)                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                                                                                                                                                            | <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 | <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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Icing Actual</b>                  | <b>Turbulence</b> |                                       |                                      |                             |                            |                             |                             |                                |                             |                              |                               |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |      |                                       |                                      |                             |                            |                             |                             |                                |                             |                              |                               |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                             |          |                                          |                                |                                    |                                   |                                          |                                 |                                                |                                  |
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| <table border="0"> <tr> <th>Amount</th> <th>Type</th> </tr> <tr> <td><input checked="" type="radio"/> None</td> <td><input checked="" type="radio"/> N/A</td> </tr> <tr> <td><input type="radio"/> Trace</td> <td><input type="radio"/> Rime</td> </tr> <tr> <td><input type="radio"/> Light</td> <td><input type="radio"/> Clear</td> </tr> <tr> <td><input type="radio"/> Moderate</td> <td><input type="radio"/> Mixed</td> </tr> <tr> <td><input type="radio"/> Severe</td> <td><input type="radio"/> Unknown</td> </tr> <tr> <td><input type="radio"/> Unknown</td> <td></td> </tr> </table> | Amount                               | Type              | <input checked="" type="radio"/> None | <input checked="" type="radio"/> N/A | <input type="radio"/> Trace | <input type="radio"/> Rime | <input type="radio"/> Light | <input type="radio"/> Clear | <input type="radio"/> Moderate | <input type="radio"/> Mixed | <input type="radio"/> Severe | <input type="radio"/> Unknown | <input type="radio"/> Unknown |  | <table border="0"> <tr> <th>Amount</th> <th>Type</th> </tr> <tr> <td><input checked="" type="radio"/> None</td> <td><input checked="" type="radio"/> N/A</td> </tr> <tr> <td><input type="radio"/> Trace</td> <td><input type="radio"/> Rime</td> </tr> <tr> <td><input type="radio"/> Light</td> <td><input type="radio"/> Clear</td> </tr> <tr> <td><input type="radio"/> Moderate</td> <td><input type="radio"/> Mixed</td> </tr> <tr> <td><input type="radio"/> Severe</td> <td><input type="radio"/> Unknown</td> </tr> <tr> <td><input type="radio"/> Unknown</td> <td></td> </tr> </table> | Amount | Type | <input checked="" type="radio"/> None | <input checked="" type="radio"/> N/A | <input type="radio"/> Trace | <input type="radio"/> Rime | <input type="radio"/> Light | <input type="radio"/> Clear | <input type="radio"/> Moderate | <input type="radio"/> Mixed | <input type="radio"/> Severe | <input type="radio"/> Unknown | <input type="radio"/> Unknown |  | <table border="0"> <tr> <th>Type (Check all that apply)</th> <th>Severity</th> </tr> <tr> <td><input checked="" type="checkbox"/> None</td> <td><input type="checkbox"/> Light</td> </tr> <tr> <td><input type="checkbox"/> Clear Air</td> <td><input type="checkbox"/> Moderate</td> </tr> <tr> <td><input type="checkbox"/> Terrain-Induced</td> <td><input type="checkbox"/> Severe</td> </tr> <tr> <td><input type="checkbox"/> Convective Turbulence</td> <td><input type="checkbox"/> Extreme</td> </tr> </table> | Type (Check all that apply) | Severity | <input checked="" type="checkbox"/> None | <input type="checkbox"/> Light | <input type="checkbox"/> Clear Air | <input type="checkbox"/> Moderate | <input type="checkbox"/> Terrain-Induced | <input type="checkbox"/> Severe | <input type="checkbox"/> Convective Turbulence | <input type="checkbox"/> Extreme |
| Amount                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Type                                 |                   |                                       |                                      |                             |                            |                             |                             |                                |                             |                              |                               |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |      |                                       |                                      |                             |                            |                             |                             |                                |                             |                              |                               |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                             |          |                                          |                                |                                    |                                   |                                          |                                 |                                                |                                  |
| <input checked="" type="radio"/> None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <input checked="" type="radio"/> N/A |                   |                                       |                                      |                             |                            |                             |                             |                                |                             |                              |                               |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |      |                                       |                                      |                             |                            |                             |                             |                                |                             |                              |                               |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                             |          |                                          |                                |                                    |                                   |                                          |                                 |                                                |                                  |
| <input type="radio"/> Trace                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <input type="radio"/> Rime           |                   |                                       |                                      |                             |                            |                             |                             |                                |                             |                              |                               |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |      |                                       |                                      |                             |                            |                             |                             |                                |                             |                              |                               |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                             |          |                                          |                                |                                    |                                   |                                          |                                 |                                                |                                  |
| <input type="radio"/> Light                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <input type="radio"/> Clear          |                   |                                       |                                      |                             |                            |                             |                             |                                |                             |                              |                               |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |      |                                       |                                      |                             |                            |                             |                             |                                |                             |                              |                               |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                             |          |                                          |                                |                                    |                                   |                                          |                                 |                                                |                                  |
| <input type="radio"/> Moderate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <input type="radio"/> Mixed          |                   |                                       |                                      |                             |                            |                             |                             |                                |                             |                              |                               |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |      |                                       |                                      |                             |                            |                             |                             |                                |                             |                              |                               |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                             |          |                                          |                                |                                    |                                   |                                          |                                 |                                                |                                  |
| <input type="radio"/> Severe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <input type="radio"/> Unknown        |                   |                                       |                                      |                             |                            |                             |                             |                                |                             |                              |                               |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |      |                                       |                                      |                             |                            |                             |                             |                                |                             |                              |                               |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                             |          |                                          |                                |                                    |                                   |                                          |                                 |                                                |                                  |
| <input type="radio"/> Unknown                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                      |                   |                                       |                                      |                             |                            |                             |                             |                                |                             |                              |                               |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |      |                                       |                                      |                             |                            |                             |                             |                                |                             |                              |                               |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                             |          |                                          |                                |                                    |                                   |                                          |                                 |                                                |                                  |
| Amount                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Type                                 |                   |                                       |                                      |                             |                            |                             |                             |                                |                             |                              |                               |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |      |                                       |                                      |                             |                            |                             |                             |                                |                             |                              |                               |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                             |          |                                          |                                |                                    |                                   |                                          |                                 |                                                |                                  |
| <input checked="" type="radio"/> None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <input checked="" type="radio"/> N/A |                   |                                       |                                      |                             |                            |                             |                             |                                |                             |                              |                               |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |      |                                       |                                      |                             |                            |                             |                             |                                |                             |                              |                               |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                             |          |                                          |                                |                                    |                                   |                                          |                                 |                                                |                                  |
| <input type="radio"/> Trace                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <input type="radio"/> Rime           |                   |                                       |                                      |                             |                            |                             |                             |                                |                             |                              |                               |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |      |                                       |                                      |                             |                            |                             |                             |                                |                             |                              |                               |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                             |          |                                          |                                |                                    |                                   |                                          |                                 |                                                |                                  |
| <input type="radio"/> Light                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <input type="radio"/> Clear          |                   |                                       |                                      |                             |                            |                             |                             |                                |                             |                              |                               |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |      |                                       |                                      |                             |                            |                             |                             |                                |                             |                              |                               |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                             |          |                                          |                                |                                    |                                   |                                          |                                 |                                                |                                  |
| <input type="radio"/> Moderate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <input type="radio"/> Mixed          |                   |                                       |                                      |                             |                            |                             |                             |                                |                             |                              |                               |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |      |                                       |                                      |                             |                            |                             |                             |                                |                             |                              |                               |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                             |          |                                          |                                |                                    |                                   |                                          |                                 |                                                |                                  |
| <input type="radio"/> Severe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <input type="radio"/> Unknown        |                   |                                       |                                      |                             |                            |                             |                             |                                |                             |                              |                               |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |      |                                       |                                      |                             |                            |                             |                             |                                |                             |                              |                               |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                             |          |                                          |                                |                                    |                                   |                                          |                                 |                                                |                                  |
| <input type="radio"/> Unknown                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                      |                   |                                       |                                      |                             |                            |                             |                             |                                |                             |                              |                               |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |      |                                       |                                      |                             |                            |                             |                             |                                |                             |                              |                               |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                             |          |                                          |                                |                                    |                                   |                                          |                                 |                                                |                                  |
| Type (Check all that apply)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Severity                             |                   |                                       |                                      |                             |                            |                             |                             |                                |                             |                              |                               |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |      |                                       |                                      |                             |                            |                             |                             |                                |                             |                              |                               |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                             |          |                                          |                                |                                    |                                   |                                          |                                 |                                                |                                  |
| <input checked="" type="checkbox"/> None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <input type="checkbox"/> Light       |                   |                                       |                                      |                             |                            |                             |                             |                                |                             |                              |                               |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |      |                                       |                                      |                             |                            |                             |                             |                                |                             |                              |                               |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                             |          |                                          |                                |                                    |                                   |                                          |                                 |                                                |                                  |
| <input type="checkbox"/> Clear Air                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <input type="checkbox"/> Moderate    |                   |                                       |                                      |                             |                            |                             |                             |                                |                             |                              |                               |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |      |                                       |                                      |                             |                            |                             |                             |                                |                             |                              |                               |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                             |          |                                          |                                |                                    |                                   |                                          |                                 |                                                |                                  |
| <input type="checkbox"/> Terrain-Induced                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <input type="checkbox"/> Severe      |                   |                                       |                                      |                             |                            |                             |                             |                                |                             |                              |                               |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |      |                                       |                                      |                             |                            |                             |                             |                                |                             |                              |                               |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                             |          |                                          |                                |                                    |                                   |                                          |                                 |                                                |                                  |
| <input type="checkbox"/> Convective Turbulence                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <input type="checkbox"/> Extreme     |                   |                                       |                                      |                             |                            |                             |                             |                                |                             |                              |                               |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |      |                                       |                                      |                             |                            |                             |                             |                                |                             |                              |                               |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                             |          |                                          |                                |                                    |                                   |                                          |                                 |                                                |                                  |

**NOTAMs (D and FDC), AIRMETs, SIGMETs, PIREPs in effect at the time of the accident/incident:**

NOTAM (D) TAXIWAY CLOSURES FOR REPAINTING AND NON-STANDARD MARKINGS

**DAMAGE TO AIRCRAFT AND OTHER PROPERTY****Aircraft Damage**

- ☐ None      ☒ Substantial  
☐ Minor      ☐ Destroyed  
                 ☐ Unknown

**Aircraft Fire**

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

**Aircraft Explosion**

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

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

DAMAGE TO AIRCRAFT INCLUDES: FRACTURE OF HULL AT REAR SKID BOW ATTACHMENT, MAIN ROTOR BLADES DAMAGED, FINNESTRON SEPARATED, CRACK IN CHASIS COWLING AROUND MAIN ROTOR MAST, DAMAGED TO RIGHT DOOR ATTACHMENT POINTS, FORE AND AFT SKID TUBE BOWS BENT, TRANSMISSION AND MAST MOUNTS LIKELY DAMAGED, POSSIBLE BREACH TO FIREWALL, AND ENGINE CONSIDERED DAMAGED DUE TO SUDDEN STOPPAGE.

**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.

TRAINING FLIGHT DEPARTED KCPS AT ROUGHLY 2:10PM LOCAL (CENTRAL TIME) TO COMPLETE OFF-AIRPORT TRAINING IN A NORTHERN TRAINING AREA BEYOND THE CLASS D AIRSPACE. UPON COMPLETION OF OFF-AIRPORT TRAINING, THE ACCIDENT AIRCRAFT RE-ESTABLISHED CONTACT WITH KCPS ATC AND ENTERED THE AIRPORT ENVIRONMENT AND ENTERED A RIGHT BASE FOR RUNWAY 30-R. THE FIRST APPROACH MADE WAS A GOVERNOR-OFF APPROACH TO THE RUNWAY SURFACE, FOLLOWED BY A QUICK-STOP PRIOR TO DEPARTING THE RUNWAY. PRIOR TO RE-ENTERING THE TRAFFIC PATTERN, THE NEXT MANEUVER, STUCK-PEDAL, WAS DISCUSSED. UPON REACHING THE MIDFIELD RIGHT DOWNWIND OF 30-R WE INITIATED THE MANEUVER, LOCKING A PEDAL POSITION WITH MY INPUTS ON THE ANTI-TORQUE PEDALS. OUR DOWNWIND WAS FLOWN AT 1000MSL, AS PER OUR TRAINING PRACTICES, WHICH THEN FOLLOWED WITH OUR BASE ENTRY AT 800MSL. UPON ENTERING FINAL, WE DISCUSSED OUR ACTIONS TO BE SHOWN IN THE MANEUVER, THE ABORT CRITERIA AND THE ABORT ACTIONS, THEN WE BEGAN OUR DESCENT FROM 800MSL TO ENTER A SHALLOWER-THAN-NORMAL GLIDE PATH TO THE RUNWAY SURFACE. WE MAINTAINED A MINIMUM OF 50KIAS UNTIL SURE WE COULD MAKE THE RUNWAY SURFACE AND ONCE THAT CRITERIA WAS MET, WE BEGAN FINAL CHECKS FOR THE MANEUVER AND COMMITTED TO THE APPROACH. THE APPROACH PROFILE IS MEANT TO BE SHALLOW, ENDING WITH A RUN-ON LANDING, MUCH LIKE A LOW POWER LANDING, BUT WITH THROTTLE MANIPULATION TO CONTROL THE YAW CAUSED BY A FIXED INPUT ON THE ANTI-TORQUE SYSTEM. ONCE THE MANEUVER HAD BEGUN AND WE MADE FIRST CONTACT WITH THE RUNWAY SURFACE, THE AIRCRAFT WAS DRIFTING TOO FAR TO THE LEFT-HAND SIDE OF THE RUNWAY, MEETING ABORT CRITERIA. AT THIS POINT, THE ABORT DECISION WAS MADE, MEANING THE ANTI-TORQUE SYSTEM WAS TO BE USED AND THE THROTTLE RELEASE TO ALLOW THE GOVERNOR SYSTEM TO MAINTAIN ENGINE/MAIN ROTOR RPMS. AS THE WEIGHT OF THE AIRCRAFT LEFT THE SKIDS, THE AIRCRAFT ENTERED AN UNCOMMANDED LEFT YAW AT A RAPID PACE. ONCE THE YAW WAS RECOGNIZED, WE CALLED OUT THE INPUTS FOR A TAIL-SPIN RECOVERY, BEING FULL RIGHT PEDAL INPUT AT A RAPID PACE AND VERIFICATION THAT THE ENGINE/MAIN ROTOR RPMS ARE WITHIN THE OPERATING RANGE. AT THIS POINT, WE WERE HEADED OFF OF THE LEFT SIDE OF THE RUNWAY IN A RAPID LEFT SPIN, TRYING TO LEVEL THE AIRCRAFT FOR LONG ENOUGH FOR THE AIRCRAFT TO REGAIN TAILROTOR AUTHORITY AND STOP THE SPIN. FROM MY RECOLLECTION (THE FLIGHT INSTRUCTOR), I RECALL SEEING THE RUNWAY PASSING BY TWICE PRIOR TO IMPACT, BUT I CANNOT BE COMPLETELY POSITIVE IN THIS REGARD. I BELIEVE THE YAW RATE BEGAN TO SLOW JUST PRIOR TO IMPACT BUT THE ROTATION BECAME A RAPID LEFT SIDESTEP, SO DESPITE HITTING THE GROUND SLIGHTLY BACKWARDS, THE AIRCRAFT SUNK THE LEFT-AFT SKID IN THE SOFT MUD, LEFT OF THE RUNWAY. AGAIN, FROM MY RECOLLECTION, THE LEFT SKID STRUCK VERY ABRUPTLY, FOLLOWED BY THE RIGHT-AFT TO A LESSER EXTENT AND THEN ROLLED ONTO ITS LEFT SIDE. THE MAIN ROTOR STRUCK THE GROUND AS THE AIRCRAFT ROLLED, CAUSING THE ENGINE TO STOP IMMEDIATELY UPON THE STRIKE. ONCE THE AIRCRAFT CAME TO REST, I INSTRUCTED THE STUDENT (WHO WAS IN THE SKYWARD SEAT) TO UNBUCKLE AND EGRESS, WHILE I RESPONDED TO THE CALL FROM ATC ON THE TOWER RADIO FREQUENCY. THE STUDENT BELIEVED HE SMELLED FUEL, CAUSING US TO LEAVE THE AIRCRAFT RAPIDLY AND WE DID NOT RETURN TO DO A FINAL SHUTDOWN OF FUEL SOURCES AND POWER UNTIL THE EMERGENCY RESPONDERS ARRIVED A FEW MOMENTS LATER.

\*\*AIRCRAFT CAME TO REST SHORTLY AFTER 2:40PM LOCAL AND THE FINAL LOCATION OF THE AIRCRAFT WAS IN THE GRASS AREA BETWEEN 30-R AND TAXIWAY B. THE ORIENTATION WAS THE AIRCRAFT NOSE POINTING SOUTH, TOWARD TAXIWAY B, THE TAIL POINTED TOWARDS RUNWAY 30-R AND THE AIRCRAFT ON ITS LEFT SIDE. THE DEBRIS FIELD SPANNED 15-20FT OUTWARDS FROM THE SITE AND CONSISTED PRIMARILY OF SMALL PIECES OF AIRFRAME COMPOSITES AND THE IMPACT ABSORBING FOAM USED IN THE CHASSIS SHELL, WITH THE ONLY MAIN COMPONENT TO LEAVE THE AIRCRAFT WAS THE RIGHT DOOR.

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

Operator/Owner Safety Recommendation

MAIN FOCUS FOR PREVENTION OF FUTURE INCIDENTS IS ON TRAINING SAFETY, BOTH IN INSTRUCTOR TRAINING FOR EMERGENCY PROCEDURES AND THE PROCEDURES IN WHICH WE APPROACH HIGH-RISK MANEUVERS.

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

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

**Total Time/Cycles  
On Part**

\_\_\_\_\_ Hours

\_\_\_\_\_ Cycles

**Time Since This Part  
Inspected/Overhauled**

\_\_\_\_\_ Hours

**FUEL & SERVICES INFORMATION****Fuel on Board at Last Takeoff**

(Convert from pounds, as necessary)

10 Gallons**Fuel Type**☐ 80/87☐ 115/145☐ Jet B☐ Other, specify \_\_\_\_\_☒ 100 Low Lead☐ Jet A☐ JP8☐ 100/130☐ Jet A-1☐ Automotive**Other Services, if Any, Prior to Departure****EVACUATION OF 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

AS THE AIRFRAME WAS LAYING ON ITS LEFT SIDE, THE STUDENT EGRESSED FIRST, USING THE OPEN DOOR ON THE RIGHT SIDE AS AN ESCAPE ROUTE. ONCE THE STUDENT WAS CLEAR, I FOLLOWED ON THE SAME PATH, USING THE SEATS, CONSOLE, AND CHASSIS TO CLIMB OUT OF THE DOOR OPENING.

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

\_\_\_\_\_

**Manufacturer:** \_\_\_\_\_**Model:** \_\_\_\_\_**Damage to Other Aircraft**☐ Destroyed☐ Minor☐ Substantial☐ None**Registered Owner of Other Aircraft**

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

City: \_\_\_\_\_

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

Country: \_\_\_\_\_

**Pilot of Other Aircraft**

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

City: \_\_\_\_\_

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

Country: \_\_\_\_\_

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

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

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

**Date of this Report**

05/31/2019

*mm/dd/yyyy*

**Name of Pilot/Operator:** CHRISTOPHER JAMES KIEL

**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.**

GAA19CA279

**Reviewed by NTSB Regional Office**

GAA

**Name of Investigator**

Eric Gutierrez

**Date Report Received**

6/3/2019