

# 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: Grand Forks State: ND  
 ZIP: 58203 Country: United States of America  
 Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_  
*(Enter in decimal degrees or degrees:minutes:seconds)*

### Accident/Incident Date/Time

Date: 01/02/2022 Local Time: 1530  
*mm/dd/yyyy*  
 Time Zone: CST

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

## AIRCRAFT INFORMATION

Registration Number: N5844P

Manufacturer: Piper

Model: Comanche

Serial Number: 24-925

Year of Manufacture: 1959

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

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

Maximum Gross Weight: 2800 lbs

Weight at Time of Accident/Incident: 2200 lbs

Number of Seats: 4 Flight Crew Seats: 2

Cabin Crew Seats: \_\_\_\_\_ Passenger Seats: 2

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                                   | Special                                           |
|--------------------------------------------|---------------------------------------------------|
| <input checked="" type="checkbox"/> Normal | <input type="checkbox"/> Restricted               |
| <input type="checkbox"/> Aerobatic         | <input type="checkbox"/> Limited                  |
| <input type="checkbox"/> Balloon           | <input type="checkbox"/> Provisional              |
| <input type="checkbox"/> Commuter          | <input type="checkbox"/> Special Flight           |
| <input type="checkbox"/> Transport         | <input type="checkbox"/> Experimental             |
| <input type="checkbox"/> Utility           | <input type="checkbox"/> Special Light-Sport      |
|                                            | <input type="checkbox"/> Experimental Light-Sport |
- ☐ Certificate of Authorization or Waiver (COA)  
☐ None ☐ Unknown

### Landing Gear

(Check all that apply)

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

### Engine Type (Select one)

- |                                                |                                     |
|------------------------------------------------|-------------------------------------|
| <input checked="" type="radio"/> Reciprocating | <input type="radio"/> Liquid Rocket |
| <input type="radio"/> Turbo Shaft              | <input type="radio"/> Solid Rocket  |
| <input type="radio"/> Turbo Prop               | <input type="radio"/> Hybrid Rocket |
| <input type="radio"/> Turbo Jet                | <input type="radio"/> None          |
| <input type="radio"/> Turbo Fan                | <input type="radio"/> Unknown       |
| <input type="radio"/> Electric                 |                                     |

### Fuel System Type (Reciprocating)

- ☒ Carburetor ☐ Fuel-Injected

| Engine | Engine Manufacturer | Engine Model/Series | Manufacturer's Serial Number | Date of Mfg.<br><i>mm dd/yyyy</i> | Rated Power<br><input checked="" type="radio"/> Horsepower or<br><input type="radio"/> lbs of Thrust | Total Time<br>(hours) | Time Since:<br>Inspection<br>(hours) | Overhaul<br>(hours) |
|--------|---------------------|---------------------|------------------------------|-----------------------------------|------------------------------------------------------------------------------------------------------|-----------------------|--------------------------------------|---------------------|
| Eng. 1 | Lycoming            | O-540-B1A           | L-1757-40                    | 1967                              | 250                                                                                                  | 3235                  | 30                                   | 500                 |
| Eng. 2 |                     |                     |                              |                                   |                                                                                                      |                       |                                      |                     |
| Eng. 3 |                     |                     |                              |                                   |                                                                                                      |                       |                                      |                     |
| Eng. 4 |                     |                     |                              |                                   |                                                                                                      |                       |                                      |                     |

### Last Inspection Type

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

Date Last Inspection: 12/03/2021  
*mm/dd/yyyy*

Airframe Total Time: 4859 hrs

hours measured at (Select one)

- ☒ Last Inspection ☐ Time of Accident/Incident

### Type of Maintenance Program (Select one)

- ☒ Annual  
☐ Conditional (Amateur-built only)  
☐ Manufacturer's Inspection Program  
☐ Other Approved Inspection Program (AAIP)  
☐ Continuous Airworthiness  
☐ Other, specify: \_\_\_\_\_

### Description of Fire Extinguishing System

- ☐ None  
☐ Specify: \_\_\_\_\_

### Propeller 1

- ☐ Fixed Pitch  
☒ Controllable Pitch  
☐ Ground Adjustable

Manufacturer: McCaulley

Model: B3D32C412-C

### Propeller 2

- ☐ Fixed Pitch  
☐ Controllable Pitch  
☐ Ground Adjustable

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

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

ELT Installed: ☒ Yes ☐ No

If Yes:

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

Model or Part No.: \_\_\_\_\_

TSO No.: ☐ C91 (121.5 MHz) ☐ C91a (121.5 MHz)  
☐ C126 (406 MHz)

Was ELT still mounted in aircraft? ☒ Yes ☐ No

Was ELT still connected to antenna? ☒ Yes ☐ No

Did ELT Activate? ☐ Yes ☐ No

If activated:

Did ELT Aid in Locating Aircraft: ☐ Yes ☐ No

If not activated:

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

### Additional Equipment (Check all that apply)

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

**OWNER/OPERATOR INFORMATION****Registered Aircraft Owner**Name: Steven Leonard KoniarCity: MinotState: NDZIP: 58703Fractional Ownership Aircraft: ☐ Yes ☒ NoCountry: United States of America**Operator of Aircraft**☒ Same As Registered Owner☒ Same Address as Registered Owner

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

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

Doing Business As: \_\_\_\_\_

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

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

Air Carrier/Operator Designator (4 Character Code): \_\_\_\_\_

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

**Operating Certificates Held**

(Check all that apply)

- ☒ None  
☐ Flag Carrier Operating Certificate (FAR 121)  
☐ Supplemental  
☐ Air Cargo  
☐ Foreign Air Carriers (FAR 129)  
☐ Rotorcraft External Load (FAR 133)  
☐ Commuter Air Carrier (FAR 135)  
☐ On-Demand Air Taxi (FAR 135)  
☐ Commercial Air Tour (FAR 136)  
☐ Agricultural Aircraft (FAR 137)  
☐ Pilot School (FAR 141)  
☐ Certificate of Authorization or Waiver (COA)  
☐ Commercial Space Transportation  
Experimental Permit  
☐ Commercial Space Transportation License  
☐ Other Operator of Large Aircraft

**Regulation Flight Conducted Under**

- ☒ FAR 91 ☐ FAR 129 ☐ FAR 415  
☐ FAR 103 ☐ FAR 133 ☐ FAR 431  
☐ FAR 121 ☐ FAR 135 ☐ FAR 435  
☐ FAR 125 ☐ FAR 137 ☐ FAR 437

- ☐ FAR 91 Special Flight  
☐ Non-US. Commercial  
☐ Non-US. Non-commercial

☐ Public Aircraft (Select one)

- ☐ Armed Forces  
☐ Federal  
☐ State  
☐ Local

☐ Unknown**Revenue Operation for FAR 121, 125, 129, 135**

(Select one for each group)

- ☐ Scheduled or Commuter ☐ Domestic  
☐ Non-Scheduled or Air Taxi ☐ International  
  
☐ Passenger  
☐ Cargo  
☐ Mail Contract Only

**Purpose of Flight for FAR 91, 103, 133, 137**

(Select one)

- ☐ Aerial Application ☐ Firefighting ☐ Unknown  
☐ Aerial Observation ☐ Flight Test  
☐ Air Drop ☐ Glider Tow  
☐ Air Race/Show ☐ Instructional  
☐ Banner Tow ☐ Other Work Use  
☐ Business ☒ Personal  
☐ Executive/Corporate ☐ Positioning  
☐ External Load ☐ Skydiving  
☐ Ferry

**Revenue Sightseeing Flight**☐ Yes ☒ No**Air Medical Flight**☐ Yes ☒ No**AIRPORT INFORMATION (Fill in if accident/incident occurred on approach, landing, takeoff, departure, or within 3 miles of an airport)**Airport Name: Grand Forks International

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

Airport Identifier: KGFK

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

Proximity to Airport: ☐ Off Airport/Airstrip ☒ On Airport/Airstrip ☐ N/AAirport Elevation: 845 ft. msl**Runway Information**Runway ID: 17R (L/R/C) Length: 7351 ft Width: 150 ft**Condition of Runway/Landing Surface (Check all that apply)****Runway/Landing Surface (Check all that apply)**

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

- ☒ Dry ☐ Snow-Compacted ☐ Water-Calm  
☐ Holes ☐ Snow-Crusted ☐ Water-Choppy  
☐ Ice Covered ☐ Snow-Dry ☐ Water-Glassy  
☐ Rough ☐ Snow-Wet ☐ Wet  
☐ Rubber Deposits ☐ Soft  
☐ Slush-Covered ☐ Vegetation ☐ Unknown

**Approach/Departure Segment (Select one)**

- ☐ Taxi ☐ VFR Departure ☐ On Instrument Approach ☐ Downwind ☐ Low Approach  
☐ Takeoff ☐ IFR Departure Procedure/Clearance ☒ Landing ☐ Base ☐ Go Around  
☐ Initial Climb ☐ Final ☐ Aborted Landing (after touchdown)  
☐ Crosswind ☐ Unknown

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

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

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

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

# **"FLIGHT CREWMEMBER 1" INFORMATION**

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

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

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

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

First Name: Steven City of Residence: Minot  
 Middle Initial: L State: ND ZIP: 58703  
 Last Name: Koniar Country: United States of America  
 Age at time of Accident/Incident: 35 Date of Birth: [REDACTED] mm/dd/yyyy  
 Certificate Number: [REDACTED]

| <b>Degree of Injury</b><br><input checked="" type="radio"/> None <input type="radio"/> Fatal<br><input type="radio"/> Minor <input type="radio"/> Unknown<br><input type="radio"/> Serious                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                  | <b>Seat Occupied</b><br><input checked="" type="radio"/> Left <input type="radio"/> Front <input type="radio"/> Unknown<br><input type="radio"/> Right <input type="radio"/> Rear<br><input type="radio"/> Center <input type="radio"/> Single              |                                                 | <b>Restraint Type</b><br><table border="0"> <tr> <th>Available</th> <th>Used</th> </tr> <tr> <td> <input type="radio"/> None<br/> <input type="radio"/> Lap only<br/> <input checked="" type="radio"/> 3-point<br/> <input type="radio"/> 4-point<br/> <input type="radio"/> 5-point<br/> <input type="radio"/> Unknown                 </td> <td> <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                 </td> </tr> </table> |  | Available                                                      | Used                                       | <input type="radio"/> None<br><input type="radio"/> Lap only<br><input checked="" type="radio"/> 3-point<br><input type="radio"/> 4-point<br><input type="radio"/> 5-point<br><input type="radio"/> Unknown | <input type="radio"/> None<br><input type="radio"/> Lap only<br><input type="radio"/> 3-point<br><input type="radio"/> 4-point<br><input type="radio"/> 5-point<br><input type="radio"/> Unknown | <b>Inflatable Restraints</b><br><input checked="" 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 |                                       |                                            |                                  |                                  |                                |                                          |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|--------------------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------------------|--|
| Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Used                                                                                                                                                                                             |                                                                                                                                                                                                                                                             |                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                |                                            |                                                                                                                                                                                                             |                                                                                                                                                                                                  |                                                                                                                                                                                                                                           |                                       |                                            |                                  |                                  |                                |                                          |  |
| <input type="radio"/> None<br><input type="radio"/> Lap only<br><input checked="" type="radio"/> 3-point<br><input type="radio"/> 4-point<br><input type="radio"/> 5-point<br><input type="radio"/> Unknown                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <input type="radio"/> None<br><input type="radio"/> Lap only<br><input type="radio"/> 3-point<br><input type="radio"/> 4-point<br><input type="radio"/> 5-point<br><input type="radio"/> Unknown |                                                                                                                                                                                                                                                             |                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                |                                            |                                                                                                                                                                                                             |                                                                                                                                                                                                  |                                                                                                                                                                                                                                           |                                       |                                            |                                  |                                  |                                |                                          |  |
| <b>Pilot Certificate(s)</b> (Check all that apply)<br><table border="0"> <tr> <td><input type="checkbox"/> None</td> <td><input type="checkbox"/> Flight Instructor</td> <td><input checked="" type="checkbox"/> Commercial</td> <td><input checked="" type="checkbox"/> US Military</td> </tr> <tr> <td><input checked="" type="checkbox"/> Private</td> <td><input type="checkbox"/> Recreational</td> <td><input type="checkbox"/> Airline Transport</td> <td><input type="checkbox"/> Foreign</td> </tr> <tr> <td><input type="checkbox"/> Student</td> <td><input type="checkbox"/> Sport</td> <td><input type="checkbox"/> Flight Engineer</td> <td></td> </tr> </table> |                                                                                                                                                                                                  |                                                                                                                                                                                                                                                             |                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | <input type="checkbox"/> None                                  | <input type="checkbox"/> Flight Instructor | <input checked="" type="checkbox"/> Commercial                                                                                                                                                              | <input checked="" type="checkbox"/> US Military                                                                                                                                                  | <input checked="" type="checkbox"/> Private                                                                                                                                                                                               | <input type="checkbox"/> Recreational | <input type="checkbox"/> Airline Transport | <input type="checkbox"/> Foreign | <input type="checkbox"/> Student | <input type="checkbox"/> Sport | <input type="checkbox"/> Flight Engineer |  |
| <input type="checkbox"/> None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <input type="checkbox"/> Flight Instructor                                                                                                                                                       | <input checked="" type="checkbox"/> Commercial                                                                                                                                                                                                              | <input checked="" type="checkbox"/> US Military |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                |                                            |                                                                                                                                                                                                             |                                                                                                                                                                                                  |                                                                                                                                                                                                                                           |                                       |                                            |                                  |                                  |                                |                                          |  |
| <input checked="" type="checkbox"/> Private                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <input type="checkbox"/> Recreational                                                                                                                                                            | <input type="checkbox"/> Airline Transport                                                                                                                                                                                                                  | <input type="checkbox"/> Foreign                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                |                                            |                                                                                                                                                                                                             |                                                                                                                                                                                                  |                                                                                                                                                                                                                                           |                                       |                                            |                                  |                                  |                                |                                          |  |
| <input type="checkbox"/> Student                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <input type="checkbox"/> Sport                                                                                                                                                                   | <input type="checkbox"/> Flight Engineer                                                                                                                                                                                                                    |                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                |                                            |                                                                                                                                                                                                             |                                                                                                                                                                                                  |                                                                                                                                                                                                                                           |                                       |                                            |                                  |                                  |                                |                                          |  |
| <b>Principal Occupation</b><br><input checked="" type="radio"/> Pilot<br><input type="radio"/> Other<br><input type="radio"/> Unknown                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                  | <b>Medical Certificate</b><br><input type="radio"/> None <input checked="" type="radio"/> Class 3<br><input type="radio"/> Class 1 <input type="radio"/> Driver's License (Sport Pilot only)<br><input type="radio"/> Class 2 <input type="radio"/> Unknown |                                                 | <b>Medical Certificate Validity</b><br><input checked="" type="radio"/> Without limitations/waivers <input type="radio"/> Unknown<br><input type="radio"/> With limitations/waivers <input type="radio"/> N/A<br><input type="radio"/> Special Issuance                                                                                                                                                                                                                                                                                                                                            |  | <b>Date of Last Medical</b><br><u>11/30/2021</u><br>mm/dd/yyyy |                                            |                                                                                                                                                                                                             |                                                                                                                                                                                                  |                                                                                                                                                                                                                                           |                                       |                                            |                                  |                                  |                                |                                          |  |

## **Medical Certificate Limitations**

N/A

## **Medical Certificate Special Issuance**

N/A

**Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks:**  
12/06/2021  
 mm/dd/yyyy

## **Flight Review Aircraft**

Make: Piper  
 Model: Comanche

|                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Airplane Rating(s)</b><br>(Check all that apply)<br><input type="checkbox"/> None<br><input checked="" type="checkbox"/> Single-Engine Land<br><input type="checkbox"/> Single-Engine Sea<br><input checked="" type="checkbox"/> Multiengine Land<br><input type="checkbox"/> Multiengine Sea | <b>Other Aircraft Rating(s)</b><br>(Check all that apply)<br><input type="checkbox"/> None<br><input type="checkbox"/> Airship<br><input type="checkbox"/> Balloon<br><input type="checkbox"/> Glider<br><input type="checkbox"/> Gyroplane<br><input type="checkbox"/> Helicopter<br><input type="checkbox"/> Powered Lift | <b>Instrument Rating(s)</b><br>(Check all that apply)<br><input type="checkbox"/> None<br><input checked="" type="checkbox"/> Airplane<br><input type="checkbox"/> Helicopter<br><input type="checkbox"/> Powered Lift | <b>Instructor Rating(s)</b><br>(Check all that apply)<br><input type="checkbox"/> None<br><input type="checkbox"/> Airplane Single-Engine<br><input type="checkbox"/> Airplane Multi-Engine<br><input type="checkbox"/> Gyroplane<br><input type="checkbox"/> Powered Lift<br><input type="checkbox"/> Instrument Airplane<br><input type="checkbox"/> Instrument Helicopter<br><input type="checkbox"/> Helicopter<br><input type="checkbox"/> Glider<br><input type="checkbox"/> Sport |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## **Type Ratings**

None

## **Student Endorsements** (Include dates)

| Flight Time (Enter appropriate number of hours in each box) | All Aircraft | This Make & Model | Airplane Single Engine | Airplane Multiengine | Night | Instrument |           | Rotorcraft | Glider | Lighter Than Air |
|-------------------------------------------------------------|--------------|-------------------|------------------------|----------------------|-------|------------|-----------|------------|--------|------------------|
|                                                             |              |                   |                        |                      |       | Actual     | Simulated |            |        |                  |
| Total Time                                                  | 2,198        | 32                | 341                    | 1,849                | 419   | 351        | 74        |            |        |                  |
| Pilot in Command (PIC)                                      | 416          | 22                | 53                     | 339                  | 216   | 211        |           |            |        |                  |
| Time as Instructor                                          |              |                   |                        |                      |       |            |           |            |        |                  |
| This Make/Model                                             |              |                   |                        |                      |       | 0          | 0         |            |        |                  |
| Last 90 Days                                                |              | 32                |                        |                      |       |            |           |            |        |                  |
| Last 30 Days                                                |              |                   |                        |                      |       |            |           |            |        |                  |
| Last 24 Hours                                               |              |                   |                        |                      |       |            |           |            |        |                  |

| "FLIGHT CREWMEMBER 2" INFORMATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |              |                   |                                                                                                                                                                                                                                                                                                                                 |                                                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                |                  |                                                                    |              |                   |                        |                      |       |            |  |            |        |                  |        |           |            |  |  |  |  |  |  |  |  |  |  |                        |  |  |  |  |  |  |  |  |  |  |                    |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |  |  |              |  |  |  |  |  |  |  |  |  |  |              |  |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |  |
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| <b>"Flight Crewmember 2" Responsibilities at the Time of Accident/Incident</b><br><input type="radio"/> Pilot <input type="radio"/> Co-Pilot <input type="radio"/> Student Pilot <input type="radio"/> Flight Instructor <input type="radio"/> Check Pilot <input type="radio"/> Flight Engineer <input type="radio"/> Other Flight Crew                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |                   |                                                                                                                                                                                                                                                                                                                                 |                                                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                |                  |                                                                    |              |                   |                        |                      |       |            |  |            |        |                  |        |           |            |  |  |  |  |  |  |  |  |  |  |                        |  |  |  |  |  |  |  |  |  |  |                    |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |  |  |              |  |  |  |  |  |  |  |  |  |  |              |  |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |  |
| <b>"Flight Crewmember 2" was pilot flying</b> <input type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |              |                   |                                                                                                                                                                                                                                                                                                                                 |                                                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                |                  |                                                                    |              |                   |                        |                      |       |            |  |            |        |                  |        |           |            |  |  |  |  |  |  |  |  |  |  |                        |  |  |  |  |  |  |  |  |  |  |                    |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |  |  |              |  |  |  |  |  |  |  |  |  |  |              |  |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |  |
| <b>"Flight Crewmember 2" Identification</b><br><div style="display: flex; justify-content: space-between;"> <div>           First Name: _____<br/>           Middle Initial: _____<br/>           Last Name: _____         </div> <div>           City of Residence: _____<br/>           State: _____    ZIP: _____<br/>           Country: _____         </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;">           Age at time of Accident/Incident: _____           Date of Birth: _____ <i>mm/dd/yyyy</i> </div> <div style="text-align: center; margin-top: 5px;">           Certificate Number: _____         </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |              |                   |                                                                                                                                                                                                                                                                                                                                 |                                                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                |                  |                                                                    |              |                   |                        |                      |       |            |  |            |        |                  |        |           |            |  |  |  |  |  |  |  |  |  |  |                        |  |  |  |  |  |  |  |  |  |  |                    |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |  |  |              |  |  |  |  |  |  |  |  |  |  |              |  |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |  |
| <b>Degree of Injury</b><br><input type="radio"/> None <input type="radio"/> Fatal<br><input type="radio"/> Minor <input type="radio"/> Unknown<br><input type="radio"/> Serious                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |                   | <b>Seat Occupied</b><br><input type="radio"/> Left <input type="radio"/> Front <input type="radio"/> Unknown<br><input type="radio"/> Right <input type="radio"/> Rear<br><input type="radio"/> Center <input type="radio"/> Single                                                                                             |                                                              |       | <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>Pilot Certificate(s)</b> <i>(Check all that apply)</i><br><div style="display: flex; flex-wrap: wrap;"> <div style="flex: 1; min-width: 150px;"><input type="checkbox"/> None</div> <div style="flex: 1; min-width: 150px;"><input type="checkbox"/> Flight Instructor</div> <div style="flex: 1; min-width: 150px;"><input type="checkbox"/> Commercial</div> <div style="flex: 1; min-width: 150px;"><input type="checkbox"/> US Military</div> <div style="flex: 1; min-width: 150px;"><input type="checkbox"/> Private</div> <div style="flex: 1; min-width: 150px;"><input type="checkbox"/> Recreational</div> <div style="flex: 1; min-width: 150px;"><input type="checkbox"/> Airline Transport</div> <div style="flex: 1; min-width: 150px;"><input type="checkbox"/> Foreign</div> <div style="flex: 1; min-width: 150px;"><input type="checkbox"/> Student</div> <div style="flex: 1; min-width: 150px;"><input type="checkbox"/> Sport</div> <div style="flex: 1; min-width: 150px;"><input type="checkbox"/> Flight Engineer</div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |              |                   |                                                                                                                                                                                                                                                                                                                                 |                                                              |       | <b>Medical Certificate Validity</b><br><input type="radio"/> Without limitations/waivers <input type="radio"/> Unknown<br><input type="radio"/> With limitations/waivers <input type="radio"/> N/A<br><input type="radio"/> Special Issuance                                                                                                                                                                                                                                                                                                                                                                  |           | <b>Date of Last Medical</b><br><div style="text-align: center;">_____ <i>mm/dd/yyyy</i></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                |                  |                                                                    |              |                   |                        |                      |       |            |  |            |        |                  |        |           |            |  |  |  |  |  |  |  |  |  |  |                        |  |  |  |  |  |  |  |  |  |  |                    |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |  |  |              |  |  |  |  |  |  |  |  |  |  |              |  |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |  |
| <b>Medical Certificate Limitations</b><br><div style="height: 40px;"></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |                   |                                                                                                                                                                                                                                                                                                                                 |                                                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                |                  |                                                                    |              |                   |                        |                      |       |            |  |            |        |                  |        |           |            |  |  |  |  |  |  |  |  |  |  |                        |  |  |  |  |  |  |  |  |  |  |                    |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |  |  |              |  |  |  |  |  |  |  |  |  |  |              |  |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |  |
| <b>Medical Certificate Special Issuance</b><br><div style="height: 40px;"></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |              |                   |                                                                                                                                                                                                                                                                                                                                 |                                                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                |                  |                                                                    |              |                   |                        |                      |       |            |  |            |        |                  |        |           |            |  |  |  |  |  |  |  |  |  |  |                        |  |  |  |  |  |  |  |  |  |  |                    |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |  |  |              |  |  |  |  |  |  |  |  |  |  |              |  |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |  |
| <b>Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks:</b> _____ <i>mm/dd/yyyy</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |              |                   |                                                                                                                                                                                                                                                                                                                                 | <b>Flight Review Aircraft</b><br>Make: _____<br>Model: _____ |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                |                  |                                                                    |              |                   |                        |                      |       |            |  |            |        |                  |        |           |            |  |  |  |  |  |  |  |  |  |  |                        |  |  |  |  |  |  |  |  |  |  |                    |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |  |  |              |  |  |  |  |  |  |  |  |  |  |              |  |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |  |
| <b>Airplane Rating(s)</b> <i>(Check all that apply)</i><br><input type="checkbox"/> None<br><input type="checkbox"/> Single-Engine Land<br><input type="checkbox"/> Single-Engine Sea<br><input type="checkbox"/> Multiengine Land<br><input type="checkbox"/> Multiengine Sea                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |              |                   | <b>Other Aircraft Rating(s)</b> <i>(Check all that apply)</i><br><input type="checkbox"/> None<br><input type="checkbox"/> Airship<br><input type="checkbox"/> Balloon<br><input type="checkbox"/> Glider<br><input type="checkbox"/> Gyroplane<br><input type="checkbox"/> Helicopter<br><input type="checkbox"/> Powered Lift |                                                              |       | <b>Instrument Rating(s)</b> <i>(Check all that apply)</i><br><input type="checkbox"/> None<br><input type="checkbox"/> Airplane<br><input type="checkbox"/> Helicopter<br><input type="checkbox"/> Powered Lift                                                                                                                                                                                                                                                                                                                                                                                               |           | <b>Instructor Rating(s)</b> <i>(Check all that apply)</i><br><div style="display: flex;"> <div style="flex: 1;"> <input type="checkbox"/> None<br/> <input type="checkbox"/> Airplane Single-Engine<br/> <input type="checkbox"/> Airplane Multi-Engine<br/> <input type="checkbox"/> Gyroplane<br/> <input type="checkbox"/> Powered Lift             </div> <div style="flex: 1;"> <input type="checkbox"/> Instrument Airplane<br/> <input type="checkbox"/> Instrument Helicopter<br/> <input type="checkbox"/> Helicopter<br/> <input type="checkbox"/> Glider<br/> <input type="checkbox"/> Sport             </div> </div> |                                                                                                                                                                                                                                |                  |                                                                    |              |                   |                        |                      |       |            |  |            |        |                  |        |           |            |  |  |  |  |  |  |  |  |  |  |                        |  |  |  |  |  |  |  |  |  |  |                    |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |  |  |              |  |  |  |  |  |  |  |  |  |  |              |  |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |  |
| <b>Type Ratings</b><br><div style="height: 40px;"></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |                   |                                                                                                                                                                                                                                                                                                                                 |                                                              |       | <b>Student Endorsements</b> <i>(Include dates)</i><br><div style="height: 40px;"></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                |                  |                                                                    |              |                   |                        |                      |       |            |  |            |        |                  |        |           |            |  |  |  |  |  |  |  |  |  |  |                        |  |  |  |  |  |  |  |  |  |  |                    |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |  |  |              |  |  |  |  |  |  |  |  |  |  |              |  |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |  |
| <table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th rowspan="2" style="text-align: left; padding: 5px;">Flight Time <i>(Enter appropriate number of hours in each box)</i></th> <th rowspan="2" style="padding: 5px;">All Aircraft</th> <th rowspan="2" style="padding: 5px;">This Make &amp; Model</th> <th rowspan="2" style="padding: 5px;">Airplane Single Engine</th> <th rowspan="2" style="padding: 5px;">Airplane Multiengine</th> <th rowspan="2" style="padding: 5px;">Night</th> <th colspan="2" style="padding: 5px;">Instrument</th> <th rowspan="2" style="padding: 5px;">Rotorcraft</th> <th rowspan="2" style="padding: 5px;">Glider</th> <th rowspan="2" style="padding: 5px;">Lighter Than Air</th> </tr> <tr> <th style="padding: 5px;">Actual</th> <th style="padding: 5px;">Simulated</th> </tr> </thead> <tbody> <tr> <td style="text-align: left; padding: 5px;">Total Time</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td style="text-align: left; padding: 5px;">Pilot in Command (PIC)</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td style="text-align: left; padding: 5px;">Time as Instructor</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td style="text-align: left; padding: 5px;">This Make/Model</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td style="text-align: left; padding: 5px;">Last 90 Days</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td style="text-align: left; padding: 5px;">Last 30 Days</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td style="text-align: left; padding: 5px;">Last 24 Hours</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </tbody> </table> |              |                   |                                                                                                                                                                                                                                                                                                                                 |                                                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                |                  | Flight Time <i>(Enter appropriate number of hours in each box)</i> | All Aircraft | This Make & Model | Airplane Single Engine | Airplane Multiengine | Night | Instrument |  | Rotorcraft | Glider | Lighter Than Air | Actual | Simulated | Total Time |  |  |  |  |  |  |  |  |  |  | Pilot in Command (PIC) |  |  |  |  |  |  |  |  |  |  | Time as Instructor |  |  |  |  |  |  |  |  |  |  | This Make/Model |  |  |  |  |  |  |  |  |  |  | Last 90 Days |  |  |  |  |  |  |  |  |  |  | Last 30 Days |  |  |  |  |  |  |  |  |  |  | Last 24 Hours |  |  |  |  |  |  |  |  |  |  |
| Flight Time <i>(Enter appropriate number of hours in each box)</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | All Aircraft | This Make & Model | Airplane Single Engine                                                                                                                                                                                                                                                                                                          | Airplane Multiengine                                         | Night | Instrument                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           | Rotorcraft                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Glider                                                                                                                                                                                                                         | Lighter Than Air |                                                                    |              |                   |                        |                      |       |            |  |            |        |                  |        |           |            |  |  |  |  |  |  |  |  |  |  |                        |  |  |  |  |  |  |  |  |  |  |                    |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |  |  |              |  |  |  |  |  |  |  |  |  |  |              |  |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |                   |                                                                                                                                                                                                                                                                                                                                 |                                                              |       | Actual                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Simulated |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                |                  |                                                                    |              |                   |                        |                      |       |            |  |            |        |                  |        |           |            |  |  |  |  |  |  |  |  |  |  |                        |  |  |  |  |  |  |  |  |  |  |                    |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |  |  |              |  |  |  |  |  |  |  |  |  |  |              |  |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |  |
| Total Time                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |                   |                                                                                                                                                                                                                                                                                                                                 |                                                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                |                  |                                                                    |              |                   |                        |                      |       |            |  |            |        |                  |        |           |            |  |  |  |  |  |  |  |  |  |  |                        |  |  |  |  |  |  |  |  |  |  |                    |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |  |  |              |  |  |  |  |  |  |  |  |  |  |              |  |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |  |
| Pilot in Command (PIC)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |              |                   |                                                                                                                                                                                                                                                                                                                                 |                                                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                |                  |                                                                    |              |                   |                        |                      |       |            |  |            |        |                  |        |           |            |  |  |  |  |  |  |  |  |  |  |                        |  |  |  |  |  |  |  |  |  |  |                    |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |  |  |              |  |  |  |  |  |  |  |  |  |  |              |  |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |  |
| Time as Instructor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |              |                   |                                                                                                                                                                                                                                                                                                                                 |                                                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                |                  |                                                                    |              |                   |                        |                      |       |            |  |            |        |                  |        |           |            |  |  |  |  |  |  |  |  |  |  |                        |  |  |  |  |  |  |  |  |  |  |                    |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |  |  |              |  |  |  |  |  |  |  |  |  |  |              |  |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |  |
| This Make/Model                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |                   |                                                                                                                                                                                                                                                                                                                                 |                                                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                |                  |                                                                    |              |                   |                        |                      |       |            |  |            |        |                  |        |           |            |  |  |  |  |  |  |  |  |  |  |                        |  |  |  |  |  |  |  |  |  |  |                    |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |  |  |              |  |  |  |  |  |  |  |  |  |  |              |  |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |  |
| Last 90 Days                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              |                   |                                                                                                                                                                                                                                                                                                                                 |                                                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                |                  |                                                                    |              |                   |                        |                      |       |            |  |            |        |                  |        |           |            |  |  |  |  |  |  |  |  |  |  |                        |  |  |  |  |  |  |  |  |  |  |                    |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |  |  |              |  |  |  |  |  |  |  |  |  |  |              |  |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |  |
| Last 30 Days                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              |                   |                                                                                                                                                                                                                                                                                                                                 |                                                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                |                  |                                                                    |              |                   |                        |                      |       |            |  |            |        |                  |        |           |            |  |  |  |  |  |  |  |  |  |  |                        |  |  |  |  |  |  |  |  |  |  |                    |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |  |  |              |  |  |  |  |  |  |  |  |  |  |              |  |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |  |
| Last 24 Hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |              |                   |                                                                                                                                                                                                                                                                                                                                 |                                                              |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                |                  |                                                                    |              |                   |                        |                      |       |            |  |            |        |                  |        |           |            |  |  |  |  |  |  |  |  |  |  |                        |  |  |  |  |  |  |  |  |  |  |                    |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |  |  |              |  |  |  |  |  |  |  |  |  |  |              |  |  |  |  |  |  |  |  |  |  |               |  |  |  |  |  |  |  |  |  |  |

| <b>ADDITIONAL FLIGHT CREWMEMBERS</b> (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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                 |                                                                                                                                                                                                                                |                                                                                                                                                                   |
| <b>PASSENGER(S) / OTHER PERSONNEL</b> (Include cabin crew; continue on separate sheet if necessary)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                          |                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                 |                                                                                                                                                                                                                                |                                                                                                                                                                   |
| Name and Address                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Seat                                                                                                                                     | Injury                                                                                                                                                     | Restraint Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                 | Inflatable Restraints                                                                                                                                                                                                          | Age                                                                                                                                                               |
| First Name: _____ City: _____<br>Middle Initial: _____ State: _____ ZIP: _____<br>Last Name: _____ Country: _____<br><div style="display: flex; justify-content: space-around; margin-top: 5px;"> <input type="radio"/> Crew    <input type="radio"/> Passenger    <input type="radio"/> Other           </div>                                                                                                                                                                                                                                                                                                                                                        | <input type="radio"/> Left<br><input type="radio"/> Center<br><input type="radio"/> Right<br><input type="radio"/> Unknown<br>Row: _____ | <input type="radio"/> None<br><input type="radio"/> Minor<br><input type="radio"/> Serious<br><input type="radio"/> Fatal<br><input type="radio"/> Unknown | <b>Available</b><br><input type="radio"/> None<br><input type="radio"/> Lap Only<br><input type="radio"/> 3-point<br><input type="radio"/> 4-point<br><input type="radio"/> 5-point<br><input type="radio"/> Unknown                                                                                                                                                                                                                                                                                                                                                                                       | <b>Used</b><br><input type="radio"/> None<br><input type="radio"/> Lap Only<br><input type="radio"/> 3-point<br><input type="radio"/> 4-point<br><input type="radio"/> 5-point<br><input type="radio"/> Unknown | <input type="checkbox"/> Not Installed<br><input type="checkbox"/> Installed<br><input type="checkbox"/> Not Deployed<br><input type="checkbox"/> Deployed<br><input type="checkbox"/> Unknown                                 | <input type="checkbox"/> Under 5 years<br>If Under 5,<br><input type="radio"/> Child Restraint<br><input type="radio"/> Lap-Held<br><input type="radio"/> Unknown |
| First Name: _____ City: _____<br>Middle Initial: _____ State: _____ ZIP: _____<br>Last Name: _____ Country: _____<br><div style="display: flex; justify-content: space-around; margin-top: 5px;"> <input type="radio"/> Crew    <input type="radio"/> Passenger    <input type="radio"/> Other           </div>                                                                                                                                                                                                                                                                                                                                                        | <input type="radio"/> Left<br><input type="radio"/> Center<br><input type="radio"/> Right<br><input type="radio"/> Unknown<br>Row: _____ | <input type="radio"/> None<br><input type="radio"/> Minor<br><input type="radio"/> Serious<br><input type="radio"/> Fatal<br><input type="radio"/> Unknown | <b>Available</b><br><input type="radio"/> None<br><input type="radio"/> Lap Only<br><input type="radio"/> 3-point<br><input type="radio"/> 4-point<br><input type="radio"/> 5-point<br><input type="radio"/> Unknown                                                                                                                                                                                                                                                                                                                                                                                       | <b>Used</b><br><input type="radio"/> None<br><input type="radio"/> Lap Only<br><input type="radio"/> 3-point<br><input type="radio"/> 4-point<br><input type="radio"/> 5-point<br><input type="radio"/> Unknown | <input type="checkbox"/> Not Installed<br><input type="checkbox"/> Installed<br><input type="checkbox"/> Not Deployed<br><input type="checkbox"/> Deployed<br><input type="checkbox"/> Unknown                                 | <input type="checkbox"/> Under 5 years<br>If Under 5,<br><input type="radio"/> Child Restraint<br><input type="radio"/> Lap-Held<br><input type="radio"/> Unknown |
| First Name: _____ City: _____<br>Middle Initial: _____ State: _____ ZIP: _____<br>Last Name: _____ Country: _____<br><div style="display: flex; justify-content: space-around; margin-top: 5px;"> <input type="radio"/> Crew    <input type="radio"/> Passenger    <input type="radio"/> Other           </div>                                                                                                                                                                                                                                                                                                                                                        | <input type="radio"/> Left<br><input type="radio"/> Center<br><input type="radio"/> Right<br><input type="radio"/> Unknown<br>Row: _____ | <input type="radio"/> None<br><input type="radio"/> Minor<br><input type="radio"/> Serious<br><input type="radio"/> Fatal<br><input type="radio"/> Unknown | <b>Available</b><br><input type="radio"/> None<br><input type="radio"/> Lap Only<br><input type="radio"/> 3-point<br><input type="radio"/> 4-point<br><input type="radio"/> 5-point<br><input type="radio"/> Unknown                                                                                                                                                                                                                                                                                                                                                                                       | <b>Used</b><br><input type="radio"/> None<br><input type="radio"/> Lap Only<br><input type="radio"/> 3-point<br><input type="radio"/> 4-point<br><input type="radio"/> 5-point<br><input type="radio"/> Unknown | <input type="checkbox"/> Not Installed<br><input type="checkbox"/> Installed<br><input type="checkbox"/> Not Deployed<br><input type="checkbox"/> Deployed<br><input type="checkbox"/> Unknown                                 | <input type="checkbox"/> Under 5 years<br>If Under 5,<br><input type="radio"/> Child Restraint<br><input type="radio"/> Lap-Held<br><input type="radio"/> Unknown |
| First Name: _____ City: _____<br>Middle Initial: _____ State: _____ ZIP: _____<br>Last Name: _____ Country: _____<br><div style="display: flex; justify-content: space-around; margin-top: 5px;"> <input type="radio"/> Crew    <input type="radio"/> Passenger    <input type="radio"/> Other           </div>                                                                                                                                                                                                                                                                                                                                                        | <input type="radio"/> Left<br><input type="radio"/> Center<br><input type="radio"/> Right<br><input type="radio"/> Unknown<br>Row: _____ | <input type="radio"/> None<br><input type="radio"/> Minor<br><input type="radio"/> Serious<br><input type="radio"/> Fatal<br><input type="radio"/> Unknown | <b>Available</b><br><input type="radio"/> None<br><input type="radio"/> Lap Only<br><input type="radio"/> 3-point<br><input type="radio"/> 4-point<br><input type="radio"/> 5-point<br><input type="radio"/> Unknown                                                                                                                                                                                                                                                                                                                                                                                       | <b>Used</b><br><input type="radio"/> None<br><input type="radio"/> Lap Only<br><input type="radio"/> 3-point<br><input type="radio"/> 4-point<br><input type="radio"/> 5-point<br><input type="radio"/> Unknown | <input type="checkbox"/> Not Installed<br><input type="checkbox"/> Installed<br><input type="checkbox"/> Not Deployed<br><input type="checkbox"/> Deployed<br><input type="checkbox"/> Unknown                                 | <input type="checkbox"/> Under 5 years<br>If Under 5,<br><input type="radio"/> Child Restraint<br><input type="radio"/> Lap-Held<br><input type="radio"/> Unknown |

# FLIGHT ITINERARY INFORMATION

## Last Departure Point

Airport ID: KASX

City: Ashland

State: WI

Country: United States of America

## Time of Departure

Time: 1215

Time Zone: CST

## Destination

Airport ID: Y37

City: Park River

State: ND

Country: United States of America

## Type Flight Plan Filed

☒ None ☐ VFR/IFR  
☐ Company VFR ☐ IFR  
☐ Military VFR ☐ Unknown  
☐ VFR

Activated? ☐ Yes ☐ No ☐ Unknown

## Type of ATC Clearance/Service (Check all that apply)

☐ None ☐ Special VFR ☐ Special IFR ☐ VFR Flight Following ☐ Cruise  
☒ VFR ☐ IFR ☐ VFR On Top ☐ Traffic Advisory ☐ Unknown / NA

## Airspace where the accident/incident occurred (Check all that apply)

☐ Class A ☐ Class G ☐ Military Operations Area (MOA) ☐ Special  
☐ Class B ☐ Demo Area ☐ Airport Advisory Area ☐ Air Traffic Control Area  
☐ Class C ☐ Warning Area ☐ Jet Training Area ☐ Unknown  
☒ Class D ☐ Prohibited Area ☐ TRSA  
☐ Class E ☐ Restricted Area ☐ FAR 93

## Altitude of In-Flight Occurrence:

\_\_\_\_\_ ft msl

# WEATHER INFORMATION AT THE ACCIDENT/INCIDENT SITE

## Source of Pilot Weather Information

(Check all that apply)

☐ National Weather Service ☐ Company  
☐ Flight Service Station ☐ Military  
☐ TV/Radio ☐ Internet  
☒ Automated Report ☐ None  
☐ Commercial Weather Service (DUATS) ☐ Unknown  
☐ On-Board Weather

## Weather Observation Facility

Facility ID: KGFK ATIS

Observation Time: \_\_\_\_\_

Time Zone: \_\_\_\_\_

Distance from Accident Site: \_\_\_\_\_ nm

Direction from Accident Site: \_\_\_\_\_ degrees true

## Basic Conditions

☒ VMC  
☐ IMC  
☐ Unknown

## Light Condition

☐ Dawn ☒ Dusk ☐ Dark Night ☐ Unknown  
☐ Day ☐ Night ☐ Bright Night

## Sky/Lowest Cloud Condition

☒ Clear ☐ Thin Broken  
☐ Few ☐ Thin Overcast  
☐ Partial Obscuration ☐ Unknown  
☐ Scattered

## Lowest Cloud Condition Height

\_\_\_\_\_ ft agl

## Ceiling

☒ None (Clear) ☐ Obscured  
☐ Broken ☐ Indefinite  
☐ Overcast ☐ Unknown

## Ceiling Height

\_\_\_\_\_ ft agl

Temperature: \_\_\_\_\_ (C) or -5 (F)

Dew Point: \_\_\_\_\_ (C) or \_\_\_\_\_ (F)

Altimeter Setting: \_\_\_\_\_ in. Hg  
 or \_\_\_\_\_ MB

## Wind Direction

☐ Variable

-or-

Direction: 170 degrees true

## Wind Speed

☐ Calm  
☒ Light and Variable

-or-

Speed: 13 kts

## Wind Gusts

☒ Not Gusting

-or-

Speed: \_\_\_\_\_ kts

Visibility past 10 miles

RVR: \_\_\_\_\_ feet

RVV: \_\_\_\_\_ miles

Density Altitude: \_\_\_\_\_ ft

## Intensity of Precipitation

☐ Light  
☐ Moderate  
☐ Heavy  
☐ N/A  
☐ Unknown

## Type of Precipitation (Check all that apply)

☒ None ☐ Drizzle ☐ Freezing Rain  
☐ Rain ☐ Ice Pellets ☐ Snow Shower  
☐ Snow ☐ Snow Pellets ☐ Ice Pellets Shower  
☐ Hail ☐ Snow Grains ☐ Freezing Drizzle  
☐ Rain Showers ☐ Ice Crystals

## Restriction to Visibility (Check all that apply)

☒ None ☐ Fog  
☐ Blowing Dust ☐ Ground Fog  
☐ Blowing Sand ☐ Haze  
☐ Blowing Snow ☐ Ice Fog  
☐ Blowing Spray ☐ Smoke  
☐ Dust ☐ Unknown

## Icing Forecast

### Amount

☒ None  
☐ Trace  
☐ Light  
☐ Moderate  
☐ Severe  
☐ Unknown

### Type

☐ N/A  
☐ Rime  
☐ Clear  
☐ Mixed  
☐ Unknown

## Icing Actual

### Amount

☒ None  
☐ Trace  
☐ Light  
☐ Moderate  
☐ Severe  
☐ Unknown

### Type

☒ N/A  
☐ Rime  
☐ Clear  
☐ Mixed  
☐ Unknown

## Turbulence

### Type (Check all that apply)

☒ None  
☐ Clear Air  
☐ Terrain-Induced  
☐ Convective Turbulence

### Severity

☐ Light  
☐ Moderate  
☐ Severe  
☐ Extreme

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

**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)*

The aircraft experienced damage to the propellor, likely components of the engine, panels on the bottom of the fuselage, the emergency extension handle, the exhaust pipe, and whatever part of the electrical component of the normal gear actuation that failed will need to be fixed/replaced.

**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.

On 2 January 2022, Capt Koniar conducted a return flight under visual flight rules on his personally owned 1959 Piper Comanche (PA24-250) from his leave location in northern Wisconsin to Mohall, ND, where he hangars the aircraft. Taking off that day from Eagle River, WI, he flew the plane with no incident to Ashland, WI (ICAO ID: KASX), to refuel prior to making a long leg into North Dakota. He planned on stopping for fuel one last time in Park River (FAA ID: Y37), ND, prior to reaching his destination in Mohall. The weather was clear along the whole route for the entire day. He departed KASX at approximately 1215 CST.

5 minutes away from his planned stop with a little more than an hour plus 30 mins fuel reserve, Capt Koniar began his descent into Park River. On attempting to lower his landing gear using the normal electrical gear switch, Capt Koniar noted that the amber "gear-up" light remained illuminated. Normally, when the gear extends in the Comanche, the pilot can "follow" the gear movement by feeling the emergency extension handle move with the normal gear system. Capt Koniar noted that this handle remained in the "gear-up" position. Moving the gear switch to the center "off" position, Capt Koniar depressed every circuit breaker to check them all. He attempted lowering the gear with the electrical switch again with the same results. After checking the circuit breakers and attempting the electrical switch a couple more times, Capt Koniar resorted to using the emergency gear extension procedures for his Comanche.

Capt Koniar's Comanche has a LoPresti engine cowl that uses an electrically actuated nose-gear door system that is separate from the manufactured emergency extension system. Before the manufactured emergency extension system can be used, the nose-gear door must be released using a pull-lever inside the cockpit. Knowing this, Capt Koniar attempted to pull the nose-gear release lever. The lever only extended approximately a half-inch before heavy resistance was felt in the lever. Capt Koniar attempted pulling the lever again with two hands to the same point with the heavy resistance preventing further extension. Capt Koniar felt that this was likely the "release" position and continued with emergency extension procedures.

Following the printed instructions on the emergency extension access panel, Capt Koniar disengaged the screw-jack in the floor of the Comanche, disconnecting the electrical motors that would normally drive the gear extension. The next step was to extend the telescoping emergency extension lever and move it forward to the "extend" position. Capt Koniar attempted this, but could not move the lever fully forward while seated and buckled in the pilot seat due to heavy resistance felt in the handle as it approached 30 degrees from the retracted position. Feeling a sense of urgency, he trimmed off the aircraft, unbuckled and used both hands to move the emergency extension lever forward. Finally it moved and Capt Koniar felt a slight shift in the aircraft attitude similar to what he would feel with normal gear. Settling back in the pilot seat, Capt Koniar noted that the green "gear-down" light was not illuminated (as it should have been if the gear was in the down position per the checklist) nor was the amber "gear-up" light illuminated.

No longer sure of his gear position, Capt Koniar made the decision to go to an airfield he trained at prior to his Air Force training that had a tower and emergency services available- Grand Forks International (ICAO ID: KGFK). He contacted the tower 12 miles out and explained the situation, requesting a low approach to visually check the status of his gear. Grand Forks Tower approved the low approach to runway 17R and took down Capt Koniar's information in preparation for an emergency declaration. On flying over the runway, Tower confirmed visually that Capt Koniar's gear was not fully extended, but appeared to be a few inches down from the retracted position. Capt Koniar passed his mechanic's information to Tower, who contacted them to help troubleshoot the gear.

The Tower contacted the mechanic and relayed for him back to Capt Koniar, confirming each emergency extension step. Capt Koniar confirmed completing each one, even physically attempting each one again while in Grand Fork's traffic pattern. A second low approach proved that the gear's position had not changed. Capt Koniar attempted to put G-forces on the aircraft, using high bank with pull as well as hard yaw and bunts during level flight to try and force the gear down. Following these maneuvers, Capt Koniar flew another low approach. Tower confirmed that the gear position had not changed.

\*Continued on "Additional Information" section\*

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

## Operator/Owner Safety Recommendation

I have yet to find out what happened to cause the primary electrical gear actuation to fail. I would recommend that new Comanche owners coordinate with a mechanic to put the aircraft on jacks and use the emergency gear extension system to see and feel how it works. Moreover, if they have a LoPresti Wholly Cowling like mine, it allows them to ensure the nose gear release knob is working properly and identify if it won't release easily on the ground instead of in the air.

**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.)

The normal electronic gear actuation failed for an unknown reason. The emergency extension failed when the nose gear release for the LoPresti cowling presented heavy resistance in flight that did not allow the release mechanism to release the gear. Subsequently, when the nose gear release was pulled as far as the pilot could pull it (the gear not actually being released), the emergency extension lever was bent in flight as the pilot attempted to follow the rest of the emergency extension checklist.

Total Time/Cycles  
On Part

\_\_\_\_\_ Hours

\_\_\_\_\_ Cycles

Time Since This Part  
Inspected/Overhauled

30 \_\_\_\_\_ Hours

**FUEL & SERVICES INFORMATION**

## Fuel on Board at Last Takeoff

(Convert from pounds, as necessary)

approximately 21 \_\_\_\_\_ 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

The pilot (sole person on board) prepositioned one of the two door latches open and ensured luggage was clear. When the aircraft stopped skidding on the ground, he unbuckled from the left seat and quickly exited the aircraft through the only passenger door on the right of the fuselage.

**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.

At this point, (sometime between 1530 and 1600 CST) Capt Koniar took a moment to consider his options. He had completed every checklist and trouble-shooting step with no change. Between high overcast clouds to the West and the sun's position, it would be getting dark and bitterly cold soon, making visual confirmation of his gear and recovery following a landing far more difficult. Additionally, with an emergency gear extension attempted, his aircraft was limited to 100 mph IAS. Even with a little less than an hour and a half of fuel left, he would not be able to get closer to Minot (his duty location) without burning down into fuel reserves and risking running out prior to landing. Knowing that his fuel tanks were located well above the bottom-most section of his fuselage and that the winds were directly down the runway, Capt Koniar made the decision to land his aircraft with the gear retracted.

Capt Koniar reviewed the checklist for a gear-up landing, noting that he would shut down the engine once committed to the landing and turn off all electrical systems. Coordinating his final approach with tower, he prepared for the landing, clearing his personal effects from his lap and unlatching the upper-latch of his door to allow him to quickly exit using the lower latch only once the aircraft was stopped. He flew the approach normally, bringing the throttle to idle and mixture to idle-cutoff approximately 50' above the runway. Settling into the flare, Capt Koniar shutdown the remaining electronics and master power switch and held the aircraft off the ground as long as he could to bleed down airspeed while maintaining centerline.

The propeller struck first, followed shortly by the bottom of the fuselage. The aircraft skidded on the ground for a couple hundred feet before coming to a halt on the runway. As soon as it stopped, Capt Koniar released his seat belt, opened the cabin door and ran a short distance from the aircraft as the emergency vehicles approached. Capt Koniar was unharmed during the event and did not cause damage to any other persons or property aside from his own aircraft.

Obtaining permission from the FAA and NTSB, the AV Flight FBO and emergency service personnel from the airport dragged the aircraft from runway 17R into the snow to the next crossing runway, 27R, before the loader they were using to drag it became stuck in snow.

Using a second loader to pull the aircraft down 27R and out of 17R's CMA, they then pulled the first loader out of the snow. By this point, it was well after dark and the wind chill was well below zero. The airport personnel along with Capt Koniar elected to re-address moving the aircraft the rest of the way to a hangar the next day.

On moving the aircraft the next day, personnel from Grand Forks International, the AV Flight FBO, and personnel from the University of North Dakota Aerospace (Capt Koniar's Alma Mater) assisted him in moving his aircraft off the airfield to a hangar. Using a loader, they lifted the nose of the aircraft with straps and chains routed through the engine mount. Stabilizing the aircraft wing tips and tail with extra people, Capt Koniar was instructed to climb inside to attempt to free the gear using the controls in the aircraft while other personnel attempt to pull them down outside. Capt Koniar discovered that his emergency gear extension handle had folded over in flight from the force he applied in attempting to use it. While attempting to use it again on the ground, it broke from the pivot point used to extend the gear. Finally, with the aircraft nose still raised to approximately 30 degrees nose-up, Capt Koniar used both hands while sitting between the pilot and copilot seats and using his body weight to pull on the nose gear release handle through the resistance he felt in flight. Pulling the handle out 10 inches or more, the nose gear finally released, allowing the gear to extend. Positioning the gear in the down position the crews at Grand Forks were able to tow the aircraft back to a hangar on the airport.

**I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS COMPLETE AND ACCURATE TO THE BEST OF MY KNOWLEDGE****Date of this Report**02/05/2022*mm/dd/yyyy***Name of Pilot/Operator:** Steven Leonard Koniar**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.****CEN22LA102****Reviewed by NTSB Regional Office****Central Region****Name of Investigator****T. Sorensen****Date Report Received****06 Feb 2022**