

# 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: Arcola State: Texas  
 ZIP: 77583 Country: USA  
 Latitude: 29.50°N Longitude: 95.47°W  
*(Enter in decimal degrees or degrees:minutes:seconds)*

**Accident/Incident Date/Time**  
 Date: 07/14/2020 Local Time: 11:30 A.M.  
*mm/dd/yyyy* Time Zone: CDT

**Collision with Other Aircraft:**  Midair  On-ground  None

## AIRCRAFT INFORMATION

**Registration Number:** N72EB  
**Manufacturer:** American Champion  
**Model:** 7GCBC  
**Serial Number:** 1211-95  
**Year of Manufacture:** 1995  
**Amateur-Built:**  Yes  No *If Yes:*  Kit/Plans  Original Design *Make:* \_\_\_\_\_

IFR-Equipped and Certified  
 Commercial Space Flight  
 Unmanned Aircraft

**Maximum Gross Weight:** 1800 lbs  
**Weight at Time of Accident/Incident:** 1,715 lbs  
**Number of Seats:** 2 Flight Crew Seats: \_\_\_\_\_  
 Cabin Crew Seats: \_\_\_\_\_ Passenger Seats: \_\_\_\_\_  
**Number of Engines:** 1

**Category of Aircraft**  
 Airplane  
 Balloon  
 Blimp/Dirigible  
 Glider  
 Gyroplane  
 Helicopter  
 Powered Lift  
 Rocket  
 Ultralight  
 Unknown

**Type of Airworthiness Certificate**  
*(Check all that apply)*  
**Standard**  Normal  Aerobatic  Balloon  Commuter  Transport  Utility  
**Special**  Restricted  Limited  Provisional  Special Flight  Experimental  Special Light-Sport  Experimental Light-Sport  
 Certificate of Authorization or Waiver (COA)  
 None  Unknown

**Landing Gear**  
*(Check all that apply)*  
 Retractable  
 Tricycle  Tailwheel  
 Amphibian  High Skid  
 Emergency Float  Skid  
 Float  Ski  
 Hull  Ski/Wheel  
 Other Launch/Recovery System  
 None  Unknown

**Engine Type** *(Select one)*  
 Reciprocating  Liquid Rocket  
 Turbo Shaft  Solid Rocket  
 Turbo Prop  Hybrid Rocket  
 Turbo Jet  None  
 Turbo Fan  Unknown  
 Electric  
**Fuel System Type** *(Reciprocating)*  
 Carburetor  Fuel-Injected

Engine	Engine Manufacturer	Engine Model/Series	Manufacturer's Serial Number	Date of Mfg. mm/dd/yyyy	Rated Power <input checked="" type="radio"/> Horsepower or <input type="radio"/> lbs of Thrust	Total Time (hours)	Time Since: Inspection (hours)	Overhaul (hours)
Eng. 1	<u>Lycoming</u>	<u>0320-B2B</u>	<u>L-18415-39A</u>	<u>1995</u>	<u>160 HP</u>	<u>5468.4</u>	<u>10.7</u>	<u>801.9</u>
Eng. 2								
Eng. 3								
Eng. 4								

**Last Inspection Type**  
 100-Hour  Continuous Airworthiness  
 AAIP  Conditional Inspection  
 Annual  Unknown

**Date Last Inspection:** 6/24/2020  
*mm/dd/yyyy*

**Airframe Total Time:** 5,468.40 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: 100 Hr Inspection

**Description of Fire Extinguishing System**  
 None  
 Specify: \_\_\_\_\_

**Propeller 1**  
 Fixed Pitch  
 Controllable Pitch  
 Ground Adjustable

Manufacturer: Sensenich  
 Model: 74DM6

**Propeller 2**  
 Fixed Pitch  
 Controllable Pitch  
 Ground Adjustable

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

**ELT Installed:**  Yes  No  
*If Yes:*  
**ELT Manufacturer:** ACK  
**Model or Part No.:** E-01  
**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: ~~712B LLC~~ 72EB LLC

City: Arcola  
State: Texas ZIP: 77583  
Country: US

Fractional Ownership Aircraft:  Yes  No

**Operator of Aircraft**

Same As Registered Owner

Same Address as Registered Owner

Name: Joy Bowden  
Doing Business As: Texas Tail Dragger Inc

City: \_\_\_\_\_  
State: \_\_\_\_\_ ZIP: \_\_\_\_\_  
Country: \_\_\_\_\_

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

**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 103
- FAR 121
- FAR 125
- FAR 129
- FAR 133
- FAR 135
- FAR 137
- FAR 415
- FAR 431
- FAR 435
- 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
- Non-Scheduled or Air Taxi
- Domestic
- International
- Passenger
- Cargo
- Mail Contract Only

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

(Select one)

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

**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: Houston South West  
Airport Identifier: KAXH  
Proximity to Airport:  Off Airport/Airstrip  On Airport/Airstrip  N/A

Distance From Airport Center: 65-70'  
Direction From Airport: 270 M. 267 degrees true  
Airport Elevation: 68' ft. msl

**Runway Information**

Runway ID: 27 (L/R/C) Length: 5,000 ft Width: 150' ft

**Runway/Landing Surface**

(Check all that apply)

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

**Condition of Runway/Landing Surface**

(Check all that apply)

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

**Approach/Departure Segment**

(Select one)

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

**IFR Approach**

(Check all that apply)

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

**VFR Approach**

(Check all that apply)

- None
- Traffic Pattern
- Straight-In
- Valley/Terrain Following
- Go Around
- Full Stop
- Stop and Go
- Touch and Go
- Simulated Forced Landing
- Forced Landing
- 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: Joy   City of Residence: Houston  
 Middle Initial: R.   State: Texas   ZIP: 77005  
 Last Name: Bowden   Country: Harris  
 Age at time of Accident/Incident: 80   Date of Birth:            mm/dd/yyyy  
 Certificate Number:           

<b>Degree of Injury</b> <input checked="" type="radio"/> None <input type="radio"/> Fatal <input type="radio"/> Minor <input type="radio"/> Unknown <input type="radio"/> Serious	<b>Seat Occupied</b> <input type="radio"/> Left <input checked="" type="radio"/> Front <input type="radio"/> Unknown <input type="radio"/> Right <input checked="" type="radio"/> Rear <input type="radio"/> Center <input type="radio"/> Single	<b>Restraint Type</b> Available   Used <input type="radio"/> None <input type="radio"/> None <input type="radio"/> Lap only <input type="radio"/> Lap only <input type="radio"/> 3-point <input type="radio"/> 3-point <input type="radio"/> 4-point <input type="radio"/> 4-point <input checked="" type="radio"/> 5-point <input checked="" type="radio"/> 5-point <input type="radio"/> Unknown <input type="radio"/> Unknown	<b>Inflatable Restraints</b> <input checked="" type="checkbox"/> Not Installed <input type="checkbox"/> Installed <input type="checkbox"/> Not Deployed <input type="checkbox"/> Deployed <input type="checkbox"/> Unknown
<b>Pilot Certificate(s)</b> (Check all that apply) <input type="checkbox"/> None <input checked="" type="checkbox"/> Flight Instructor <input checked="" type="checkbox"/> Commercial <input type="checkbox"/> US Military <input type="checkbox"/> Private <input type="checkbox"/> Recreational <input checked="" 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> <input checked="" type="radio"/> Pilot <input type="radio"/> Other <input type="radio"/> Unknown	<b>Medical Certificate</b> <input type="radio"/> None <input checked="" type="radio"/> Class 3 <input type="radio"/> Class 1 <input type="radio"/> Driver's License (Sport Pilot only) <input type="radio"/> Class 2 <input type="radio"/> Unknown	<b>Medical Certificate Validity</b> <input checked="" type="radio"/> Without limitations/waivers <input type="radio"/> Unknown <input type="radio"/> With limitations/waivers <input type="radio"/> N/A <input type="radio"/> Special Issuance	<b>Date of Last Medical</b> <u>07-15-2019</u> mm/dd/yyyy
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**Medical Certificate Limitations**  
None

**Medical Certificate Special Issuance**  
None

**Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks:** 05-31-2020 mm/dd/yyyy  
**Flight Review Aircraft**  
 Make: Stearman  
 Model: PT17

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

Flight Time (Enter appropriate number of hours in each box)	All Aircraft	This Make & Model	Airplane Single Engine	Airplane Multiengine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air
						Actual	Simulated			
Total Time	25,624.0	3,127.2	22,124.0	3,500	2,000	6,000	5,400	0	0	0
Pilot in Command (PIC)	24,800.0	3,127.2	21,800.0	3,300	2,000	6,000				
Time as Instructor	127.2	3,127.2	21,624.0	500	2,000	5,500	400			
This Make/Model										
Last 90 Days	125.2	114.0	127.2	2.0	0	0	1.0	0	0	0
Last 30 Days	28.8	16.1	28.8	2.0	0	0	0	0	0	0
Last 24 Hours	0	0	0	0	0	0	0	0	0	0

*We take off on Sunday + Monday - Accident Occur on Tuesday AM*

**"FLIGHT CREWMEMBER 2" INFORMATION**

**"Flight Crewmember 2" Responsibilities at the Time of Accident/Incident**

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

"Flight Crewmember 2" was pilot flying  Yes  No

**"Flight Crewmember 2" Identification**

First Name: Howard      City of Residence: Brookshire  
 Middle Initial: S      State: Tx      ZIP: 77423  
 Last Name: Segal      Country: US  
 Age at time of Accident/Incident: 62      Date of Birth: [REDACTED] mm/dd/yyyy  
 Certificate Number: None

<b>Degree of Injury</b> <input checked="" type="radio"/> None <input type="radio"/> Fatal <input type="radio"/> Minor <input type="radio"/> Unknown <input type="radio"/> Serious	<b>Seat Occupied</b> <input type="radio"/> Left <input checked="" type="radio"/> Front <input type="radio"/> Unknown <input type="radio"/> Right <input type="radio"/> Rear <input type="radio"/> Center <input type="radio"/> Single	<b>Restraint Type</b> Available <input type="radio"/> None <input type="radio"/> Lap only <input type="radio"/> 3-point <input type="radio"/> 4-point <input checked="" type="radio"/> 5-point <input type="radio"/> Unknown Used <input type="radio"/> None <input type="radio"/> Lap only <input type="radio"/> 3-point <input type="radio"/> 4-point <input checked="" type="radio"/> 5-point <input type="radio"/> Unknown	<b>Inflatable Restraints</b> <input checked="" type="checkbox"/> Not Installed <input type="checkbox"/> Installed <input type="checkbox"/> Not Deployed <input type="checkbox"/> Deployed <input type="checkbox"/> Unknown
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**Pilot Certificate(s)** (Check all that apply)

None     Flight Instructor     Commercial     US Military  
 Private     Recreational     Airline Transport     Foreign  
 Student     Sport     Flight Engineer

<b>Principal Occupation</b> <input type="radio"/> Pilot <input type="radio"/> Other <input checked="" type="radio"/> Unknown	<b>Medical Certificate</b> <input checked="" type="radio"/> None <input type="radio"/> Class 3 <input type="radio"/> Class 1 <input type="radio"/> Driver's License (Sport Pilot only) <input type="radio"/> Class 2 <input type="radio"/> Unknown	<b>Medical Certificate Validity</b> <input checked="" type="radio"/> Without limitations/waivers <input type="radio"/> Unknown <input type="radio"/> With limitations/waivers <input checked="" type="radio"/> N/A <input type="radio"/> Special Issuance	<b>Date of Last Medical</b> <u>No Medical</u> mm/dd/yyyy
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**Medical Certificate Limitations**  
N/A

**Medical Certificate Special Issuance**  
N/A

<b>Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks:</b> <u>N/A</u> mm/dd/yyyy	<b>Flight Review Aircraft</b> Make: <u>N/A</u> Model:
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<b>Airplane Rating(s)</b> (Check all that apply) <input checked="" type="checkbox"/> None <input type="checkbox"/> Single-Engine Land <input type="checkbox"/> Single-Engine Sea <input type="checkbox"/> Multiengine Land <input type="checkbox"/> Multiengine Sea	<b>Other Aircraft Rating(s)</b> (Check all that apply) <input checked="" type="checkbox"/> None <input type="checkbox"/> Airship <input type="checkbox"/> Balloon <input type="checkbox"/> Glider <input type="checkbox"/> Gyroplane <input type="checkbox"/> Helicopter <input type="checkbox"/> Powered Lift	<b>Instrument Rating(s)</b> (Check all that apply) <input checked="" type="checkbox"/> None <input type="checkbox"/> Airplane <input type="checkbox"/> Helicopter <input type="checkbox"/> Powered Lift	<b>Instructor Rating(s)</b> (Check all that apply) <input checked="" type="checkbox"/> None <input type="checkbox"/> Airplane Single-Engine <input type="checkbox"/> Airplane Multi-Engine <input type="checkbox"/> Gyroplane <input type="checkbox"/> Powered Lift <input type="checkbox"/> Instrument Airplane <input type="checkbox"/> Instrument Helicopter <input type="checkbox"/> Helicopter <input type="checkbox"/> Glider <input type="checkbox"/> Sport
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**Type Ratings**

**Student Endorsements** (Include dates)  
Limited Airplane time  
(No Logbook) Ultralight Pilot - 30yrs

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		- 1.0								
Pilot in Command (PIC)										
Time as Instructor										
This Make/Model										
Last 90 Days										
Last 30 Days										
Last 24 Hours										

**ADDITIONAL FLIGHT CREWMEMBERS** (Exclusive of cabin crew, complete the following information)

<b>Crew Name and Address</b>		<b>Seat Occupied</b>	<b>Injury</b>
First Name: _____ City of Residence: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____		<input type="radio"/> Left <input type="radio"/> Front <input type="radio"/> Center <input type="radio"/> Rear <input type="radio"/> Right <input type="radio"/> Single <input type="radio"/> Unknown	<input type="radio"/> None <input type="radio"/> Minor <input type="radio"/> Serious <input type="radio"/> Fatal <input type="radio"/> Unknown
<b>Pilot Certificate(s)</b> (Check all that apply) <input type="checkbox"/> None <input type="checkbox"/> Flight Instructor <input type="checkbox"/> Commercial <input type="checkbox"/> US Military <input 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>Restraint Type:</b> <b>Available</b> <b>Used</b> <input type="radio"/> None <input type="radio"/> None <input type="radio"/> Lap Only <input type="radio"/> Lap Only <input type="radio"/> 3-point <input type="radio"/> 3-point <input type="radio"/> 4-point <input type="radio"/> 4-point <input type="radio"/> 5-point <input type="radio"/> 5-point <input type="radio"/> Unknown <input type="radio"/> Unknown	<b>Inflatable Restraints</b> <input type="checkbox"/> Not Installed <input type="checkbox"/> Installed <input type="checkbox"/> Not Deployed <input type="checkbox"/> Deployed <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: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____		<input type="radio"/> Left <input type="radio"/> Front <input type="radio"/> Center <input type="radio"/> Rear <input type="radio"/> Right <input type="radio"/> Single <input type="radio"/> Unknown	<input type="radio"/> None <input type="radio"/> Minor <input type="radio"/> Serious <input type="radio"/> Fatal <input type="radio"/> Unknown
<b>Pilot Certificate(s)</b> (Check all that apply) <input type="checkbox"/> None <input type="checkbox"/> Flight Instructor <input type="checkbox"/> Commercial <input type="checkbox"/> US Military <input 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>Restraint Type:</b> <b>Available</b> <b>Used</b> <input type="radio"/> None <input type="radio"/> None <input type="radio"/> Lap Only <input type="radio"/> Lap Only <input type="radio"/> 3-point <input type="radio"/> 3-point <input type="radio"/> 4-point <input type="radio"/> 4-point <input type="radio"/> 5-point <input type="radio"/> 5-point <input type="radio"/> Unknown <input type="radio"/> Unknown	<b>Inflatable Restraints</b> <input type="checkbox"/> Not Installed <input type="checkbox"/> Installed <input type="checkbox"/> Not Deployed <input type="checkbox"/> Deployed <input type="checkbox"/> Unknown
<b>Type Rating/Endorsement for Accident/Incident Aircraft?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No		<b>Total Flight Time at the Time of this Accident/Incident:</b> _____ hrs	

**PASSENGER(S) / OTHER PERSONNEL** (Include cabin crew; continue on separate sheet if necessary)

Name and Address	Seat	Injury	Restraint Type	Inflatable Restraints	Age
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____ <input type="radio"/> Crew <input type="radio"/> Passenger <input type="radio"/> Other	<input type="radio"/> Left <input type="radio"/> Center <input type="radio"/> Right <input type="radio"/> Unknown Row: _____	<input type="radio"/> None <input type="radio"/> Minor <input type="radio"/> Serious <input type="radio"/> Fatal <input type="radio"/> Unknown	<b>Available</b> <b>Used</b> <input type="radio"/> None <input type="radio"/> None <input type="radio"/> Lap Only <input type="radio"/> Lap Only <input type="radio"/> 3-point <input type="radio"/> 3-point <input type="radio"/> 4-point <input type="radio"/> 4-point <input type="radio"/> 5-point <input type="radio"/> 5-point <input type="radio"/> Unknown <input type="radio"/> Unknown	<input type="checkbox"/> Not Installed <input type="checkbox"/> Installed <input type="checkbox"/> Not Deployed <input type="checkbox"/> Deployed <input type="checkbox"/> Unknown	<input type="checkbox"/> Under 5 years If Under 5, <input type="radio"/> Child Restraint <input type="radio"/> Lap-Held <input type="radio"/> Unknown
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____ <input type="radio"/> Crew <input type="radio"/> Passenger <input type="radio"/> Other	<input type="radio"/> Left <input type="radio"/> Center <input type="radio"/> Right <input type="radio"/> Unknown Row: _____	<input type="radio"/> None <input type="radio"/> Minor <input type="radio"/> Serious <input type="radio"/> Fatal <input type="radio"/> Unknown	<b>Available</b> <b>Used</b> <input type="radio"/> None <input type="radio"/> None <input type="radio"/> Lap Only <input type="radio"/> Lap Only <input type="radio"/> 3-point <input type="radio"/> 3-point <input type="radio"/> 4-point <input type="radio"/> 4-point <input type="radio"/> 5-point <input type="radio"/> 5-point <input type="radio"/> Unknown <input type="radio"/> Unknown	<input type="checkbox"/> Not Installed <input type="checkbox"/> Installed <input type="checkbox"/> Not Deployed <input type="checkbox"/> Deployed <input type="checkbox"/> Unknown	<input type="checkbox"/> Under 5 years If Under 5, <input type="radio"/> Child Restraint <input type="radio"/> Lap-Held <input type="radio"/> Unknown
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____ <input type="radio"/> Crew <input type="radio"/> Passenger <input type="radio"/> Other	<input type="radio"/> Left <input type="radio"/> Center <input type="radio"/> Right <input type="radio"/> Unknown Row: _____	<input type="radio"/> None <input type="radio"/> Minor <input type="radio"/> Serious <input type="radio"/> Fatal <input type="radio"/> Unknown	<b>Available</b> <b>Used</b> <input type="radio"/> None <input type="radio"/> None <input type="radio"/> Lap Only <input type="radio"/> Lap Only <input type="radio"/> 3-point <input type="radio"/> 3-point <input type="radio"/> 4-point <input type="radio"/> 4-point <input type="radio"/> 5-point <input type="radio"/> 5-point <input type="radio"/> Unknown <input type="radio"/> Unknown	<input type="checkbox"/> Not Installed <input type="checkbox"/> Installed <input type="checkbox"/> Not Deployed <input type="checkbox"/> Deployed <input type="checkbox"/> Unknown	<input type="checkbox"/> Under 5 years If Under 5, <input type="radio"/> Child Restraint <input type="radio"/> Lap-Held <input type="radio"/> Unknown
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____ <input type="radio"/> Crew <input type="radio"/> Passenger <input type="radio"/> Other	<input type="radio"/> Left <input type="radio"/> Center <input type="radio"/> Right <input type="radio"/> Unknown Row: _____	<input type="radio"/> None <input type="radio"/> Minor <input type="radio"/> Serious <input type="radio"/> Fatal <input type="radio"/> Unknown	<b>Available</b> <b>Used</b> <input type="radio"/> None <input type="radio"/> None <input type="radio"/> Lap Only <input type="radio"/> Lap Only <input type="radio"/> 3-point <input type="radio"/> 3-point <input type="radio"/> 4-point <input type="radio"/> 4-point <input type="radio"/> 5-point <input type="radio"/> 5-point <input type="radio"/> Unknown <input type="radio"/> Unknown	<input type="checkbox"/> Not Installed <input type="checkbox"/> Installed <input type="checkbox"/> Not Deployed <input type="checkbox"/> Deployed <input type="checkbox"/> Unknown	<input type="checkbox"/> Under 5 years If Under 5, <input type="radio"/> Child Restraint <input type="radio"/> Lap-Held <input type="radio"/> Unknown

## FLIGHT ITINERARY INFORMATION

<b>Last Departure Point</b> Airport ID: <u>KAXH</u> City: <u>Arcola, Tx</u> State: <u>Texas</u> Country: <u>US</u>	<b>Time of Departure</b> Time: <u>11:00</u> Time Zone: <u>CDT</u>	<b>Destination</b> Airport ID: <u>KAXH</u> City: <u>Arcola</u> State: <u>Texas</u> Country: <u>U.S.</u>	<b>Type Flight Plan Filed</b> <input checked="" type="radio"/> None <input type="radio"/> Company VFR <input type="radio"/> Military VFR <input type="radio"/> VFR <input type="radio"/> VFR/IFR <input type="radio"/> IFR <input type="radio"/> Unknown Activated? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Unknown
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**Type of ATC Clearance/Service** (Check all that apply)

<input checked="" type="checkbox"/> None	<input type="checkbox"/> Special VFR	<input type="checkbox"/> Special IFR	<input type="checkbox"/> VFR Flight Following	<input type="checkbox"/> Cruise
<input type="checkbox"/> VFR	<input type="checkbox"/> IFR	<input type="checkbox"/> VFR On Top	<input type="checkbox"/> Traffic Advisory	<input type="checkbox"/> Unknown / NA

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

<input type="checkbox"/> Class A	<input checked="" type="checkbox"/> Class G	<input type="checkbox"/> Military Operations Area (MOA)	<input type="checkbox"/> Special
<input type="checkbox"/> Class B	<input type="checkbox"/> Demo Area	<input type="checkbox"/> Airport Advisory Area	<input type="checkbox"/> Air Traffic Control Area
<input type="checkbox"/> Class C	<input type="checkbox"/> Warning Area	<input type="checkbox"/> Jet Training Area	<input type="checkbox"/> Unknown
<input type="checkbox"/> Class D	<input type="checkbox"/> Prohibited Area	<input type="checkbox"/> TRSA	
<input type="checkbox"/> Class E	<input type="checkbox"/> Restricted Area	<input type="checkbox"/> FAR 93	

**Altitude of In-Flight Occurrence:** 68' ft msl

## WEATHER INFORMATION AT THE ACCIDENT/INCIDENT SITE

<b>Source of Pilot Weather Information</b> (Check all that apply) <table style="width: 100%;"> <tr> <td><input type="checkbox"/> National Weather Service</td> <td><input type="checkbox"/> Company</td> </tr> <tr> <td><input type="checkbox"/> Flight Service Station</td> <td><input type="checkbox"/> Military</td> </tr> <tr> <td><input type="checkbox"/> TV/Radio</td> <td><input type="checkbox"/> Internet</td> </tr> <tr> <td><input checked="" type="checkbox"/> Automated Report</td> <td><input type="checkbox"/> None</td> </tr> <tr> <td><input type="checkbox"/> Commercial Weather Service (DUATS)</td> <td><input type="checkbox"/> Unknown</td> </tr> <tr> <td><input type="checkbox"/> On-Board Weather</td> <td></td> </tr> </table>	<input type="checkbox"/> National Weather Service	<input type="checkbox"/> Company	<input type="checkbox"/> Flight Service Station	<input type="checkbox"/> Military	<input type="checkbox"/> TV/Radio	<input type="checkbox"/> Internet	<input checked="" type="checkbox"/> Automated Report	<input type="checkbox"/> None	<input type="checkbox"/> Commercial Weather Service (DUATS)	<input type="checkbox"/> Unknown	<input type="checkbox"/> On-Board Weather		<b>Weather Observation Facility</b> Facility ID: <u>KAXH</u> Observation Time: <u>10:30</u> Time Zone: <u>CDT</u> Distance from Accident Site: <u>2,000'</u> nm Direction from Accident Site: <u>South 180</u> degrees true
<input type="checkbox"/> National Weather Service	<input type="checkbox"/> Company												
<input type="checkbox"/> Flight Service Station	<input type="checkbox"/> Military												
<input type="checkbox"/> TV/Radio	<input type="checkbox"/> Internet												
<input checked="" type="checkbox"/> Automated Report	<input type="checkbox"/> None												
<input type="checkbox"/> Commercial Weather Service (DUATS)	<input type="checkbox"/> Unknown												
<input type="checkbox"/> On-Board Weather													

<b>Basic Conditions</b> <input checked="" type="radio"/> VMC <input type="radio"/> IMC <input type="radio"/> Unknown	<b>Light Condition</b> <input type="radio"/> Dawn <input checked="" type="radio"/> Day <input type="radio"/> Dusk <input type="radio"/> Night <input type="radio"/> Dark Night <input type="radio"/> Bright Night <input type="radio"/> Unknown
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<b>Sky/Lowest Cloud Condition</b> <input type="radio"/> Clear <input checked="" type="radio"/> Few <input type="radio"/> Partial Obscuration <input type="radio"/> Scattered <input type="radio"/> Thin Broken <input type="radio"/> Thin Overcast <input type="radio"/> Unknown <b>Lowest Cloud Condition Height</b> _____ ft agl	<b>Ceiling</b> <input checked="" type="radio"/> None (Clear) <input type="radio"/> Broken <input type="radio"/> Overcast <input type="radio"/> Obscured <input type="radio"/> Indefinite <input type="radio"/> Unknown <b>Ceiling Height</b> _____ ft agl	<b>Temperature:</b> <u>35</u> (C) or <u>95</u> (F) <b>Dew Point:</b> _____ (C) or _____ (F) <b>Altimeter Setting:</b> <u>30.00</u> in. Hg or _____ MB
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<b>Wind Direction</b> <input type="checkbox"/> Variable -or- Direction: <u>210</u> degrees true	<b>Wind Speed</b> <input type="checkbox"/> Calm <input type="checkbox"/> Light and Variable -or- Speed: <u>6-8</u> kts	<b>Wind Gusts</b> <input checked="" type="checkbox"/> Not Gusting -or- Speed: _____ kts	<b>Visibility</b> <u>10</u> miles RVR: _____ feet RVV: _____ miles <b>Density Altitude:</b> <u>2,200</u> ft
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<b>Intensity of Precipitation</b> <input type="radio"/> Light <input type="radio"/> Moderate <input type="radio"/> Heavy <input type="radio"/> N/A <input type="radio"/> Unknown	<b>Type of Precipitation</b> (Check all that apply) <table style="width: 100%;"> <tr> <td><input checked="" type="checkbox"/> None</td> <td><input type="checkbox"/> Drizzle</td> <td><input type="checkbox"/> Freezing Rain</td> </tr> <tr> <td><input type="checkbox"/> Rain</td> <td><input type="checkbox"/> Ice Pellets</td> <td><input type="checkbox"/> Snow Shower</td> </tr> <tr> <td><input type="checkbox"/> Snow</td> <td><input type="checkbox"/> Snow Pellets</td> <td><input type="checkbox"/> Ice Pellets Shower</td> </tr> <tr> <td><input type="checkbox"/> Hail</td> <td><input type="checkbox"/> Snow Grains</td> <td><input type="checkbox"/> Freezing Drizzle</td> </tr> <tr> <td><input type="checkbox"/> Rain Showers</td> <td><input type="checkbox"/> Ice Crystals</td> <td></td> </tr> </table>	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Drizzle	<input type="checkbox"/> Freezing Rain	<input type="checkbox"/> Rain	<input type="checkbox"/> Ice Pellets	<input type="checkbox"/> Snow Shower	<input type="checkbox"/> Snow	<input type="checkbox"/> Snow Pellets	<input type="checkbox"/> Ice Pellets Shower	<input type="checkbox"/> Hail	<input type="checkbox"/> Snow Grains	<input type="checkbox"/> Freezing Drizzle	<input type="checkbox"/> Rain Showers	<input type="checkbox"/> Ice Crystals		<b>Restriction to Visibility</b> (Check all that apply) <table style="width: 100%;"> <tr> <td><input checked="" type="checkbox"/> None</td> <td><input type="checkbox"/> Fog</td> </tr> <tr> <td><input type="checkbox"/> Blowing Dust</td> <td><input type="checkbox"/> Ground Fog</td> </tr> <tr> <td><input type="checkbox"/> Blowing Sand</td> <td><input type="checkbox"/> Haze</td> </tr> <tr> <td><input type="checkbox"/> Blowing Snow</td> <td><input type="checkbox"/> Ice Fog</td> </tr> <tr> <td><input type="checkbox"/> Blowing Spray</td> <td><input type="checkbox"/> Smoke</td> </tr> <tr> <td><input type="checkbox"/> Dust</td> <td><input type="checkbox"/> Unknown</td> </tr> </table>	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Fog	<input type="checkbox"/> Blowing Dust	<input type="checkbox"/> Ground Fog	<input type="checkbox"/> Blowing Sand	<input type="checkbox"/> Haze	<input type="checkbox"/> Blowing Snow	<input type="checkbox"/> Ice Fog	<input type="checkbox"/> Blowing Spray	<input type="checkbox"/> Smoke	<input type="checkbox"/> Dust	<input type="checkbox"/> Unknown
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<b>Icing Forecast</b> <table style="width: 100%;"> <tr> <th>Amount</th> <th>Type</th> </tr> <tr> <td><input checked="" type="radio"/> None</td> <td><input type="radio"/> N/A</td> </tr> <tr> <td><input type="radio"/> Trace</td> <td><input type="radio"/> Rime</td> </tr> <tr> <td><input type="radio"/> Light</td> <td><input type="radio"/> Clear</td> </tr> <tr> <td><input type="radio"/> Moderate</td> <td><input type="radio"/> Mixed</td> </tr> <tr> <td><input type="radio"/> Severe</td> <td><input type="radio"/> Unknown</td> </tr> <tr> <td><input type="radio"/> Unknown</td> <td></td> </tr> </table>	Amount	Type	<input checked="" type="radio"/> None	<input type="radio"/> N/A	<input type="radio"/> Trace	<input type="radio"/> Rime	<input type="radio"/> Light	<input type="radio"/> Clear	<input type="radio"/> Moderate	<input type="radio"/> Mixed	<input type="radio"/> Severe	<input type="radio"/> Unknown	<input type="radio"/> Unknown		<b>Icing Actual</b> <table style="width: 100%;"> <tr> <th>Amount</th> <th>Type</th> </tr> <tr> <td><input checked="" type="radio"/> None</td> <td><input type="radio"/> N/A</td> </tr> <tr> <td><input type="radio"/> Trace</td> <td><input type="radio"/> Rime</td> </tr> <tr> <td><input type="radio"/> Light</td> <td><input type="radio"/> Clear</td> </tr> <tr> <td><input type="radio"/> Moderate</td> <td><input type="radio"/> Mixed</td> </tr> <tr> <td><input type="radio"/> Severe</td> <td><input type="radio"/> Unknown</td> </tr> <tr> <td><input type="radio"/> Unknown</td> <td></td> </tr> </table>	Amount	Type	<input checked="" type="radio"/> None	<input type="radio"/> N/A	<input type="radio"/> Trace	<input type="radio"/> Rime	<input type="radio"/> Light	<input type="radio"/> Clear	<input type="radio"/> Moderate	<input type="radio"/> Mixed	<input type="radio"/> Severe	<input type="radio"/> Unknown	<input type="radio"/> Unknown		<b>Turbulence</b> <table style="width: 100%;"> <tr> <th>Type</th> <th>Severity</th> </tr> <tr> <td><input checked="" type="checkbox"/> None</td> <td><input type="checkbox"/> Light</td> </tr> <tr> <td><input type="checkbox"/> Clear Air</td> <td><input type="checkbox"/> Moderate</td> </tr> <tr> <td><input type="checkbox"/> Terrain-Induced</td> <td><input type="checkbox"/> Severe</td> </tr> <tr> <td><input type="checkbox"/> Convective Turbulence</td> <td><input type="checkbox"/> Extreme</td> </tr> </table>	Type	Severity	<input checked="" type="checkbox"/> None	<input type="checkbox"/> Light	<input type="checkbox"/> Clear Air	<input type="checkbox"/> Moderate	<input type="checkbox"/> Terrain-Induced	<input type="checkbox"/> Severe	<input type="checkbox"/> Convective Turbulence	<input type="checkbox"/> Extreme
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**NOTAMs (D and FDC), AIRMETs, SIGMETs, PIREPs in effect at the time of the accident/incident:**

## DAMAGE TO AIRCRAFT AND OTHER PROPERTY

### Aircraft Damage

- None  
 Minor  
 Substantial  
 Destroyed  
 Unknown

### Aircraft Fire

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

### Aircraft Explosion

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

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

In addition to the prop strike, there was damage to the right wing causing it to break at the strut attachment point, damage to the underside of belly, and the right wheel was sheared off the leg of the aircraft.

## NARRATIVE HISTORY OF FLIGHT (Please type or print in ink)

Describe what occurred in chronological order, including circumstances leading to and nature of accident/incident. Describe terrain and include wreckage distribution sketch if pertinent. Attach extra sheets if needed. State departure time and location, services obtained, and intended destination. Provide as much detail as possible.

After Student touched down on Runway 27 with a good landing, the aircraft started a slight drift to the right side of the runway.

The Student responded by overcorrecting and applying full left rudder and power. The plane immediately shot towards the left side of the runway. Due to this overcorrection and the adding of power, I told the Student immediately "I have the Controls". *No Power*

Student did not acknowledge my command and continued to fight for the controls of the aircraft. Even with the Student fighting for the controls, I was able to get the power off and get the aircraft headed back towards the center of the runway.

Then again, the Student ignored my Instruction that "I have the controls" a second time, whereby the Student then applied full right rudder and again adding power. The Aircraft then begin to veer off to the right side of the runway towards the sloping ditch.

Basically at this point the Student was in a state of panic, still fighting for the controls after telling the Student twice "I have the controls".

As the aircraft was exiting the right of the runway and entering the ditch, the Student again fighting me on the controls of the aircraft overcorrected again by adding left rudder and power causing the prop to strike the surface and stop. In addition to the prop strike, there was damage to the right wing causing it to break at the strut attachment point and the right wheel was sheared off the leg of the aircraft.

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

Operator/Owner Safety Recommendation

In my opinion this accident could not have been prevented. The Student did not respond to my commands "I have the controls" on two (2) separate occasions. Basically the Student, who is 6'2" and 250 lbs, was in a State of Panic fighting for the controls.

**MECHANICAL MALFUNCTION/FAILURE (If more space is needed, continue on separate sheet)**

Was there Mechanical Malfunction/Failure?  Yes  No  
(If yes, list the name of the part, manufacturer, part no., serial no., and describe the failure.)

Total Time/Cycles On Part  
\_\_\_\_ Hours  
\_\_\_\_ Cycles  
Time Since This Part Inspected/Overhauled  
\_\_\_\_ Hours

**FUEL & SERVICES INFORMATION**

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

17 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

I specifically wanted 1/2 tank for flight

**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

Occupants exited the main door to the ground since the right wheel was separated from aircraft and the aircraft was lying on the ground.

**OTHER AIRCRAFT - COLLISION (If air or ground collision occurred, complete this section for other aircraft)**

Aircraft Registration Number

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

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

Damage to Other Aircraft

- Destroyed       Minor  
 Substantial       None

Registered Owner of Other Aircraft

Name: \_\_\_\_\_  
City: \_\_\_\_\_  
State: \_\_\_\_\_ ZIP: \_\_\_\_\_  
Country: \_\_\_\_\_

Pilot of Other Aircraft

Name: \_\_\_\_\_  
City: \_\_\_\_\_  
State: \_\_\_\_\_ ZIP: \_\_\_\_\_  
Country: \_\_\_\_\_



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

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

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

Date of this Report: 07-17-2020  
mm/dd/yyyy

Name of Pilot/Operator: Joy Bowden

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. CEN20CA281	Reviewed by NTSB Regional Office Central	Name of Investigator Folkerts	Date Report Received 7/17/2020
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