

NATIONAL TRANSPORTATION SAFETY BOARD • PILOT/OPERATOR AIRCRAFT ACCIDENT/INCIDENT REPORT Use this form (Form 6120.1) to report civil and public aircraft accidents and incidents**BASIC INFORMATION****Accident/Incident Location**

Nearest City/Place: Ackerman State: MS
ZIP: 39735 Country: USA
Latitude: 33.30 N Longitude: 89.23 W
(Enter in decimal degrees or degrees:minutes:seconds)

Accident/Incident Date/Time

Date: 09/20/2024 Local Time: 3:48pm
mm/dd/yyyy
Time Zone: CST

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

AIRCRAFT INFORMATION

Registration Number: N73154
Manufacturer: Cessna
Model: 172M
Serial Number: 17267293
Year of Manufacture: 1976
Amateur-Built: ☐ Yes ☒ No If Yes: ☐ Original Design ☐ Kit/Plans Make: _____

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

Maximum Gross Weight: 2300 lbs.
Weight at Time of Accident/Incident: 2140 lbs.
Number of Seats: 4 Flight Crew Seats: 2
Cabin Crew Seats: 0 Passenger Seats: 2
Number of Engines: 1

Category of Aircraft
(Select one)

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

Type of Airworthiness Certificate
(Check all that apply)

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

Landing Gear
(Check all that apply)

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

Engine Type (Select one)

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

Fuel System Type (Reciprocating)

- ☒ Carburetor ☐ Fuel Injected

Engine	Engine Manufacturer	Engine Model/Series	Engine Serial Number	Date of Mfg. (mm dd yyyy)	Rated Power ☒ Horsepower or ☐ Lbs. of Thrust	Total Time (hours)	Inspection (hours)	Time Since: Overhaul (hours)
Eng. 1	Lycoming	O-320	I don't know	I don't know	180	7590.2	30	~800
Eng. 2								
Eng. 3								
Eng. 4								

Last Inspection Type

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

Date of Last Inspection: 08/07/2024
mm/dd/yyyy

Airframe Total Time: 10,360 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: _____

Additional Equipment

- ☒ ADS-B
☐ Airframe Parachute
☐ Angle of Attack Indicator
☒ Autopilot
☐ Autopilot/FMS, Model: _____
☐ Coupled Flight Director
☐ Data Recorder
☒ Device Stall Warning System
☒ Electronic Flight Bag or Handheld Device
☒ Electronic Multifunction Display
☒ Electronic Primary Flight Display
☐ Flight Management System

- ☐ Handheld GPS
☐ Heads Up Display
☐ Night Vision Goggles
☒ Onboard Weather
☒ Primary Flight Display
☒ SAS, Axis (circle one): 2, 3, 4, Model: 2
☒ Satellite Tracking Device
☒ Stall Warning System
☐ Video Recording Device
☐ Wire Strike Detection
☐ Wire Strike Protection
☐ Other, Specify: _____

ELT Installed: ☒ Yes ☐ No If Yes:

ELT Manufacturer: narco

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

Propeller 1

- ☒ Fixed Pitch
☐ Controllable Pitch
☐ Ground Adjustable

Manufacturer: mccauley

Model: _____

Propeller 2

- ☐ Fixed Pitch
☐ Controllable Pitch
☐ Ground Adjustable

Manufacturer: _____

Model: _____

OWNER/OPERATOR INFORMATION**Registered Aircraft Owner**Name: Bishop Services LLCCity: EllisvilleState: MSZIP: 39437 Country: USA

Fractional Ownership Aircraft:

☐ Yes☒ No**Operator of Aircraft**☐ The Operator is also the Registered Owner☐ Same address as Registered OwnerName: Bethany FayardDoing Business As: N/ACity: BiloxiState: MSAir Carrier/Operator Designator (4-character code): N/AZIP: 39532 Country: USA**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 450
☐ 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
☐ 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 ☐ 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: Ackerman Coctaw County AirportAirport Identifier: 9M4Proximity to Airport: ☒ Off Airport/Airstrip ☐ On Airport/Airstrip ☐ N/ADistance From Airport Center: 0 sm.Direction From Airport: 0 degrees trueAirport Elevation: 552 ft. MSL**Runway Information**Runway ID: 19 Length: 3000 ft. Width: 75 ft.**Runway/Landing Surface** (Check all that apply)

- ☒ Asphalt ☒ Grass/Turf ☐ Ice ☐ Snow
☐ Concrete ☐ Gravel ☐ Macadam ☐ Water
☐ Dirt ☐ Helideck ☐ Metal/Wood ☐ Unknown
☐ Elevated Heliport ☐ Helistop ☒ Off-site landing area

Condition of Runway/Landing Surface (Check all that apply)

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

Approach/Departure Segment (Select one)

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

IFR Approach (Check all that apply)

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

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**

☐ Captain ☐ First Officer ☒ 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: Bethany

Middle Initial: N

Last Name: Fayard

Age at time of Accident/Incident: 47

City of Residence: [REDACTED]

State: [REDACTED]

ZIP: [REDACTED]

Country: USA

Date of Birth: [REDACTED] (mm/dd/yyyy)

Certificate Number: [REDACTED]

Degree of Injury

☒ None ☐ Serious
☐ Unknown ☐ Fatal
☐ Minor

Seat Occupied

☒ Left ☐ Front ☐ Unknown
☐ Right ☐ Rear
☐ Center ☐ Single

Restraint Type**Available**

☐ None
☐ Lap only
☒ 3-point
☐ 4-point
☐ 5-point
☐ Unknown

Used

☐ None
☐ Lap only
☒ 3-point
☐ 4-point
☐ 5-point
☐ Unknown

☐ Supplemental Restraint type: _____

Inflatable Restraints

☒ Not Installed
☐ Installed
☐ Not Deployed
☐ Deployed
☐ Unknown

Pilot Certificate(s) (Check all that apply)

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

Principal Occupation

☐ Pilot
☒ Other
☐ Unknown

Medical Certificate

☐ None ☐ Class 3
☐ Class 1 ☐ Driver's License (Sport Pilot only)
☐ Class 2 ☒ Unknown

Medical Certificate Validity

☒ Without limitations/waivers ☐ Unknown
☐ With limitations/waivers ☐ N/A
☐ Special Issuance

Date of Last Medical

08/07/2023
 mm/dd/yyyy

Medical Certificate Limitations

BasicMed

Medical Certificate Special Limitations**Personal Flight Equipment (Check all that apply)**

☐ Fire resistant flight suit ☐ Helmet ☐ Laser protective visor/glasses ☒ Personal locator beacon(s) (PLB) ☐ Fire resistant gloves
☐ Helmet visor ☐ Night vision goggles ☐ Personal flotation ☐ Other: _____

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

12/17/2023
 mm/dd/yyyy

Flight Review Aircraft

Make: Cessna

Model: 172

Airplane Rating(s) (Check all that apply)

☒ Single-Engine Land
☐ Single-Engine Sea
☐ Multiengine Land
☐ Multiengine Sea

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

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

Instrument Rating(s) (Check all that apply)

☒ None
☐ Airplane
☐ Helicopter
☐ Powered Lift

Instructor Rating(s) (Check all that apply)

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

Type Ratings and Applicable Logbook Endorsements

Airplane Single Engine Land

Student Endorsements (Include dates)

N/A

Flight Time (Enter hours for each box)	All Aircraft	This Make & Model	Airplane Single Engine	Airplane Multiengine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air	Multi-engine Rotorcraft	Tail-wheel
						Actual	Simulated					
Total Time	148	68	145	3	3	1	2	0	0	0	0	0
Pilot in Command (PIC)	90	56	90	0	0	0	2	0	0	0	0	0
Time as Instructor	0	0	0	0	0	0	0	0	0	0	0	0
This Make/Model					0	0	0					
Last 90 Days	9	9	9	0	0	0	0	0	0	0	0	0
Last 30 Days	8	8	8	0	0	0	0	0	0	0	0	0
Last 24 Hours	2	2	2	0	0	0	0	0	0	0	0	0

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

☐ Captain ☐ First Officer ☐ Pilot ☐ Co-Pilot ☐ Student Pilot ☐ Flight Instructor ☐ Check Pilot ☐ Flight Engineer ☐ Other Flight Crew

"Flight Crewmember 2" was pilot flying ☐ Yes ☐ No

"Flight Crewmember 2" Identification

First Name: _____

City of Residence: _____

Middle Initial: _____

State: _____ ZIP: _____

Last Name: _____

Country: _____

Age at time of Accident/Incident: _____

Date of Birth: _____ (mm/dd/yyyy)

Certificate Number: _____

Degree of Injury

☐ None ☐ Serious
☐ Unknown ☐ Fatal
☐ Minor

Seat Occupied

☐ Left ☐ Front ☐ Unknown
☐ Right ☐ Rear
☐ Center ☐ Single

Restraint Type**Available**

☐ None
☐ Lap only
☐ 3-point
☐ 4-point
☐ 5-point
☐ Unknown

Used

☐ None
☐ Lap only
☐ 3-point
☐ 4-point
☐ 5-point
☐ Unknown

☐ Supplemental. Restraint type: _____

Inflatable Restraints

☐ Not Installed
☐ Installed
☐ Not Deployed
☐ Deployed
☐ Unknown

Pilot Certificate(s) (Check all that apply)

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

Principal Occupation

☐ Pilot
☐ Other
☐ Unknown

Medical Certificate

☐ None ☐ Class 3
☐ Class 1 ☐ Driver's License (Sport Pilot only)
☐ Class 2 ☐ Unknown

Medical Certificate Validity

☐ Without limitations/waivers ☐ Unknown
☐ With limitations/waivers ☐ N/A
☐ Special Issuance

Date of Last Medical

 mm/dd/yyyy

Medical Certificate Limitations**Medical Certificate Special Limitations****Personal Flight Equipment** (Check all that apply)

☐ Fire resistant flight suit ☐ Helmet ☐ Laser protective visor/glasses ☐ Personal Locator Beacon(s) (PLB) ☐ Fire resistant gloves
☐ Helmet visor ☐ Night vision goggles ☐ Personal flotation ☐ Other: _____

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

 mm/dd/yyyy

Flight Review Aircraft

Make: _____

Model: _____

Airplane Rating(s)

(Check all that apply)
☐ Single-Engine Land
☐ Single-Engine Sea
☐ Multiengine Land
☐ Multiengine Sea

Other Aircraft Rating(s)

(Check all that apply)
☐ None
☐ Airship
☐ Balloon
☐ Glider
☐ Gyroplane
☐ Helicopter
☐ Powered Lift

Instrument Rating(s)

(Check all that apply)
☐ None
☐ Airplane
☐ Helicopter
☐ Powered Lift

Instructor Rating(s)

(Check all that apply)

☐ None
☐ Airplane Single-Engine
☐ Airplane Multiengine
☐ Gyroplane
☐ Powered lift

☐ Instrument Airplane
☐ Instrument Helicopter
☐ Helicopter
☐ Glider
☐ Sport

Type Ratings and Applicable Logbook Endorsements**Student Endorsements** (Include dates)

Flight Time (Enter hours for each box)	All Aircraft	This Make & Model	Airplane Single Engine	Airplane Multiengine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air	Multi-engine Rotorcraft	Tail-wheel
						Actual	Simulated					
Total Time												
Pilot in Command (PIC)												
Time as Instructor												
This Make/Model												
Last 90 Days												
Last 30 Days												
Last 24 Hours												0

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

Additional Crewmember Information		Seat Occupied	Injury
First Name: _____	City of Residence: _____	☐ Left ☐ Center ☐ Right ☐ Front	☐ Rear ☐ Single ☐ Unknown
Middle Initial: _____	State: _____ Zip: _____		☐ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown
Last Name: _____	Country: _____		
Personal Flight Equipment (Check all that apply) ☐ Fire resistant flight suit ☐ Helmet ☐ Laser protective visor/glasses ☐ Personal locator beacon(s) (PLB) ☐ Fire resistant gloves ☐ Helmet visor ☐ Night vision goggles ☐ Personal flotation ☐ Other: _____			
Pilot Certificate(s) (Check all that apply) ☐ None ☐ Flight Instructor ☐ Commercial ☐ US Military ☐ Private ☐ Recreational ☐ Airline Transport ☐ Foreign ☐ Student ☐ Sport ☐ Flight Engineer		Restraint Type Available ☐ None ☐ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown ☐ Supplemental Restraint type: _____	Inflatable Restraints ☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown
Type Rating/Endorsement for Accident/Incident Aircraft? ☐ Yes ☐ No	Total Flight Time at the Time of this Accident/Incident: _____ hrs.		

Additional Crewmember Information		Seat Occupied	Injury
First Name: _____	City of Residence: _____	☐ Left ☐ Center ☐ Right ☐ Front	☐ Rear ☐ Single ☐ Unknown
Middle Initial: _____	State: _____ Zip: _____		☐ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown
Last Name: _____	Country: _____		
Personal Flight Equipment (Check all that apply) ☐ Fire resistant flight suit ☐ Helmet ☐ Laser protective visor/glasses ☐ Personal Locator Beacon(s) (PLB) ☐ Fire resistant gloves ☐ Helmet visor ☐ Night vision goggles ☐ Personal flotation ☐ Other: _____			
Pilot Certificate(s) (Check all that apply) ☐ None ☐ Flight Instructor ☐ Commercial ☐ US Military ☐ Private ☐ Recreational ☐ Airline Transport ☐ Foreign ☐ Student ☐ Sport ☐ Flight Engineer		Restraint Type Available ☐ None ☐ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown ☐ Supplemental Restraint type: _____	Inflatable Restraints ☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown
Type Rating/Endorsement for Accident/Incident Aircraft? ☐ Yes ☐ No	Total Flight Time at the Time of this Accident/Incident: _____ hrs.		

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

Number of Passengers <u>2</u>						
Passenger Information	Seat	Injury	Restraint Type	Inflatable Restraints	Age	
First Name: [REDACTED] Middle Initial: [REDACTED] Last Name: [REDACTED] ☐ Crew ☒ Passenger ☐ Other	☐ Left ☐ Center ☒ Right ☐ Unknown Row: _____	☒ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown	Available ☐ None ☐ Lap Only ☒ 3-point ☐ 4-point ☐ 5-point ☐ Unknown ☐ Supplemental Restraint type: _____	Used ☐ None ☐ Lap Only ☒ 3-point ☐ 4-point ☐ 5-point ☐ Unknown	☒ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown	☐ Under 5 years If under 5 years, ☐ Child ☐ Restraint ☐ Lap-Held ☐ Unknown
Personal Flight Equipment (Check all that apply) ☐ Fire resistant flight suit ☐ Helmet ☐ Laser protective visor/glasses ☐ PLB ☐ Fire resistant gloves ☐ Night vision goggles ☐ Helmet visor ☐ Personal flotation ☐ Other: _____						

First Name: [REDACTED] Middle Initial: [REDACTED] Last name: [REDACTED] ☐ Crew ☒ Passenger ☐ Other Personal Flight Equipment (Check all that apply) ☐ Fire resistant flight suit ☐ Helmet ☐ Laser protective visor/glasses ☐ PLB ☐ Fire resistant gloves ☐ Night vision goggles ☐ Helmet visor ☐ Personal flotation ☐ Other: _____	☐ Left ☐ Center ☒ Right ☐ Unknown Row: <u>2</u>	☒ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown	Available ☐ None ☒ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown ☐ Supplemental Restraint type: _____	Used ☐ None ☒ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown	☒ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown	☐ Under 5 years If under 5 years, ☐ Child Restraint ☐ Lap-Held ☐ Unknown
First Name: _____ City: _____ Middle Initial: _____ State: _____ Zip: _____ Last name: _____ Country: _____ ☐ Crew ☐ Passenger ☐ Other Personal Flight Equipment (Check all that apply) ☐ Fire resistant flight suit ☐ Helmet ☐ Laser protective visor/glasses ☐ PLB ☐ Fire resistant gloves ☐ Night vision goggles ☐ Helmet visor ☐ Personal flotation ☐ Other: _____	☐ Left ☐ Center ☐ Right ☐ Unknown Row: _____	☐ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown	Available ☐ None ☐ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown ☐ Supplemental Restraint type: _____	Used ☐ None ☐ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown	☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown	☐ Under 5 years If under 5 years, ☐ Child Restraint ☐ Lap-Held ☐ Unknown
First Name: _____ City: _____ Middle Initial: _____ State: _____ Zip: _____ Last name: _____ Country: _____ ☐ Crew ☐ Passenger ☐ Other Personal Flight Equipment (Check all that apply) ☐ Fire resistant flight suit ☐ Helmet ☐ Laser protective visor/glasses ☐ PLB ☐ Fire resistant gloves ☐ Night vision goggles ☐ Helmet visor ☐ Personal flotation ☐ Other: _____	☐ Left ☐ Center ☐ Right ☐ Unknown Row: _____	☐ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown	Available ☐ None ☐ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown ☐ Supplemental Restraint type: _____	Used ☐ None ☐ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown	☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown	☐ Under 5 years If under 5 years, ☐ Child Restraint ☐ Lap-Held ☐ Unknown

FLIGHT ITINERARY INFORMATION

Last Departure Point	Time of Departure	Flight Information	Destination	Type Flight Plan Filed
Airport ID: <u>KPIB</u> City: <u>Hattiesburg</u> State: <u>MS</u> Country: <u>USA</u>	Time: <u>2:30pm</u> Time Zone: <u>CST</u>	Flight Number: _____ Operating as Flight _____	Airport ID: <u>KUOX</u> City: <u>Oxford</u> State: <u>MS</u> Country: <u>USA</u>	☐ None ☐ Company VFR ☐ Military VFR ☒ VFR ☐ VFR/IFR ☐ IFR ☐ Unknown Activated? ☒ Yes ☐ No ☐ Unknown

Type of ATC Clearance/Service (Check all that apply) ☐ None			
☐ Certificate of Authorization ☐ VFR	☐ Special VFR ☐ IFR	☐ Special IFR ☐ VFR On Top	☒ VFR Flight Following ☐ Traffic Advisory ☐ Unknown / NA

Type of ATC Clearance/Service (Check all that apply)		☐ Military Operations Area (MOA) ☐ Airport Advisory Area ☐ Jet Training Area ☐ TRSA ☐ FAR 93	☐ Special Air Traffic Control Area ☐ Unknown	Altitude of In-Flight Occurrence: 3500 ft. MSL
☐ Class A ☐ Class B ☐ Class C ☐ Class D ☐ Class E	☐ Class G ☐ Demo Area ☐ Warning Area ☐ Prohibited Area ☐ Restricted Area			

WEATHER INFORMATION AT THE ACCIDENT/INCIDENT SITE			
Source of Pilot Weather Information <i>(Check all that apply)</i>		Weather Observation Facility	
☐ National Weather Service ☐ Flight Service Station ☐ TV/Radio ☐ Automated Report ☒ Electronic Flight Bag-Application: Foreflight ☐ On-Board Weather	☐ Company ☐ Military ☐ Internet ☐ None ☐ Unknown	Facility ID: <u>KPIB AWOS</u> Observation Time: <u>2:20pm</u> Time Zone: <u>CS1</u> Distance from Accident Site: <u>110</u> nm Direction from Accident Site: <u>185</u> degrees true	

Basic Conditions ☒ VMC ☐ IMC ☐ Unknown	Lowest Cloud Condition Height <u>4900</u> ft. AGL	Light Condition ☐ Dawn ☐ Dusk ☒ Day ☐ Night ☐ Dark Night ☐ Unknown ☐ Bright Night	
Sky/Lowest Cloud Condition ☐ Clear ☐ Few ☐ Partial ☐ Obscuration ☒ Scattered	Ceiling ☐ None (Clear) ☒ Broken ☐ Overcast ☐ Obscured ☐ Indefinite ☐ Unknown	Ceiling Height <u>4900</u> ft. AGL	Temperature: <u>32</u> (°C) or ____ (°F) Dewpoint: <u>20</u> (°C) or ____ (°F)

Altimeter Setting: <u>29.93</u> Hg or ____ mb	Wind Direction ☐ Variable Direction: <u>0</u> degrees true	Wind Speed ☒ Calm ☐ Light and Variable Speed: <u>0</u> or ____ kts	Wind Gusts ☒ Not Gustating or Speed: ____ kts	Visibility <u>8</u> miles RVR: ____ feet RVV: ____ miles Density Altitude: ____ ft.
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Type of Precipitation (Check all that apply)		Restriction to Visibility (Check all that apply)
☒ None ☐ Rain ☐ Snow ☐ Hail ☐ Rain Showers	☐ Drizzle ☐ Ice Pellets ☐ Snow Pellets ☐ Snow Grains ☐ Ice Crystals	☐ Freezing Rain ☐ Snow Shower ☐ Ice Pellets Shower ☐ Freezing Drizzle

Icing Forecast Amount ☒ None ☐ Trace ☐ Light ☐ Moderate ☐ Severe ☐ Unknown Type ☐ ON/A ☐ Rime ☐ Clear ☐ Mixed ☐ Unknown	Intensity of Precipitation ☐ Light ☐ Moderate ☐ Heavy ☐ N/A ☐ Unknown	Icing Actual Amount ☒ None ☐ Trace ☐ Light ☐ Moderate ☐ Severe ☐ Unknown Type ☐ ON/A ☐ Rime ☐ Clear ☐ Mixed ☐ Unknown	Turbulence (Check all that apply) Type ☒ None ☐ Clean Air ☐ Terrain-Induced ☐ Convective Severity ☐ Light ☐ Moderate ☐ Severe ☐ Extreme
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NOTAMs (D and FDC), AIRMETs, SIGMETs, PIREPs in effect at the time of the accident/incident:
 Just towers that weren't in our flight path. There was a MOA above our altitude at 8,000'

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 ☐ Fire at Unknown Time ☐ Unknown	Description of Damage to Aircraft and Other Property <i>(Use additional sheet, if necessary.)</i> Aircraft landed safely on pavement with no damage. When aircraft overran into the grass and hit the slope, it took flight and came down on the nose and then flipped over. The plane was still intact minus a wheel and strut. Several antennas broke off. One blade of the prop was bent. Lots of dents across the entire surface. Tail looked like it might have started pulling away from the body. Interior was fine.		
NARRATIVE HISTORY OF FLIGHT <i>(Please type or print in ink.)</i>					
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. **All times and altitudes are approximate** At approximately 2:30, my passengers and I departed KPIB for KUOX. The purpose of the flight was for me to build PIC XC hours for both my instrument training and Civil Air Patrol requirements. We also intended to visit a relative in Oxford. Prior to departure I had completed a thorough preflight (all parts and systems good, normal, operational), conducted a weather briefing, and filed a flight plan. Once at altitude, I contacted Houston Ctr and requested VFR flight following. At approximately 3:20 pm, while in straight and level flight at 3500' near Carthage, MS, the autopilot alerted me to adjust the trim. This had happened a few times and I had adjusted the trim as required. I went to adjust the trim and the trim wheel had no friction in either direction. I immediately turned off the autopilot and the altitude hold from their respective yolk controls. I tried to nose down to stop a slight climb and the yolk was stuck in an altitude neutral position. I tried to troubleshoot by engaging and disengaging the altitude hold button several times but that had no effect on the yolk. I tested aileron control and I full and correct horizontal movement. At approximately 3:25, after my trouble shooting methods were exhausted, I contacted Memphis Ctr (Houston had handed me off) and advised of them of the problem and requested assistance. I did not declare an emergency for two reasons. First, I wasn't sure I was in an emergency and second, I did not want to panic my passengers unnecessarily. Memphis gave me a few airport options and I chose Ackerman. I turned course toward Ackerman. Memphis asked if I wanted them to have another pilot relay radio calls to Ackerman and I confirmed. The passenger informed me that the GPS on her side said it was shutting down. I did a scan and saw the ammeter was negative. Prior scans, everything had been normal. Shortly thereafter, the panel started going down from right to left. I lost the backup GPS, the G 650, the coms, the transponder, and the engine gauges. The G5 stayed operational. I took my i-pad out of its mount and walked passenger through setting up a direct flight to 9M4. Once the airport was in sight, I started powering back to lose altitude. Upon arrival at 5M4 we were still at about 2700' so I pulled the engine to idle and started descending in a traffic pattern spiral toward the runway. On the 3rd attempt I knew I had to land because I was too low to make another pass. I performed a forward slip to lose enough altitude to land but had no way to slow the plane down any further. The plane touched down mid-runway on the 3000' strip going about 80 KTS. The landing was smooth. The passenger and I both applied full breaks. We stayed centerline until the plane hit grass. We continued straight at runway heading until we hit an unexpected sharp decline in the turf. The plane briefly took flight and came down nose first, then flipped over. The passenger immediately got her door open. Mine was jammed, so while the back passenger and the front passenger exited the plane I tried to shut off as many switches as I could get to while upside down. My main priority was to exit the plane in case of impending explosion. I exited the plane and exited the immediate area with passengers. I immediately called 911, followed by Memphis Center.					
OPERATOR/OWNER SAFETY RECOMMENDATION <i>(How could this accident/incident have been prevented?)</i>					
I should've used Pan Pan with Memphis. They'd have known immediately that I needed help and could've started trying to maybe find someone to help me troubleshoot what to do. When I lost coms, my thought process was that I had lost communication and the ability to seek further help. This was a factor in my decision to continue to land at Ackerman- which is not an ideal airport for an emergency landing. It's very small and has no ground support. It happened to be the close airport. Another factor was that I couldn't understand what the elevator and the panel had to do with each other and why one would fail the other. This made me wonder what was going to go wrong next. So, I wanted to get landed ASAP. What I ridiculously forgot in this situation was that we had 3 cellular phones on board. I could've called Memphis on the phone if I'd dropped my altitude a bit. Maybe the controllers could've helped me troubleshoot and help me find a more suitable airport in which to perform the emergency landing. Yet, maybe losing altitude to make a phone call may not have been the best decision either. I should've tried to pull the breaker on the auto-pilot I should've studied the Terrain while circling down at Ackerman. Maybe I'd have noticed the drastic change in ground elevation and I could've tried to hard right or left rudder when I hit the grass to avoid the drop.					

MECHANICAL MALFUNCTION/FAILURE (If more space is needed, continue on a 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 elevator wouldn't function up or down. The trim wheel was completely loose. I lost all avionics and com except for the G5. Was there an electric problem that caused it all? Were electric cords somehow tangled in the trim wheel cables? Was the altitude hold disengaging when I hit the button? These are all things I do not know, but there was definitely a mechanical problem.

The plane wasn't due for its 100 hr until 10,230.3 and it's annual had been done in March of 2024

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)

38 _____ Gallons

Fuel Type

☒ 100 Low Lead☐ Automotive☐ Jet A☐ Jet A-1☐ Unleaded AV☐ Other, specify _____

Other Services, if any, prior to departure:

EVACUATION OF AIRCRAFTWas an emergency evacuation of the aircraft performed? ☒ Yes ☐ No

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

Front passenger did as instructed in the briefing and immediately opened her door. Back passenger exited first and assisted her in removing the shoulder harness. My door was stuck. I was upside down and trying to turn off everything I could think of in the moment but also scared the plane was going to explode so as soon as the passengers cleared the door, I exited the passenger door and moved everyone a safe distance from the plane.

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

Aircraft Registration Number

Manufacturer: _____

Damage to Other Aircraft:

☐ Destroyed☐ Minor☐ Substantial☐ None

Model: _____

Registered Owner of Other Aircraft

Pilot of Other Aircraft

Name: _____

Name: _____

City: _____

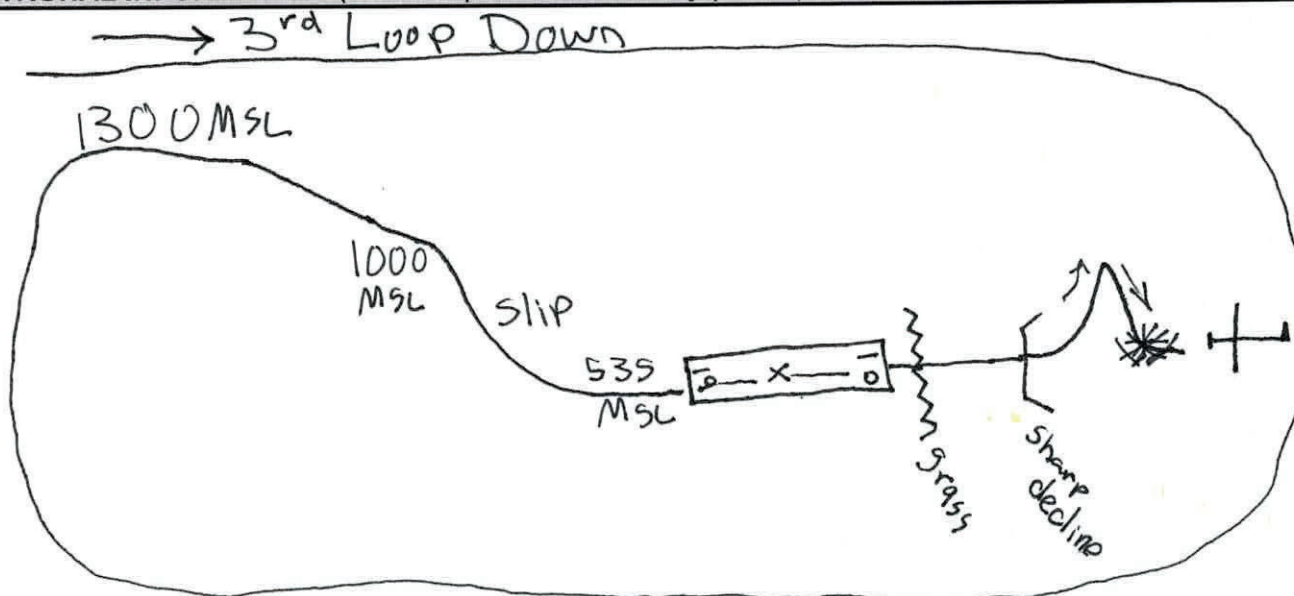
City: _____

State: _____ ZIP: _____

State: _____ ZIP: _____

Country: _____

Country: _____

ADDITIONAL INFORMATION (Additional space for answers to any question.)

By signing this form, I am consenting to the public release of the information provided herein.

Date of this report:

09/25/2024

mm/dd/yyyy

Name of Pilot/Operator: Bethany Fayard

Signature: 

-or-

☐ Check here to electronically sign this document

If a person other than Pilot/Operator is filing this report

Name: _____

Title: _____

Signature: _____

-or- ☐ Check here to electronically sign this document

FOR NTSB USE ONLY

NTSB Accident/Incident No.

CEN24LA366

Reviewed by NTSB AS Division

Central

Name of Investigator

Mitchell Gallo

Date Report Received

09/25/2024