

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: Midland State: TX

ZIP: 79706 Country: US

Latitude: 31.941160 Longitude: -102.234902

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

Accident/Incident Date/Time

Date: 05/09/2023 Local Time: 0800
mm/dd/yyyy

Time Zone: central

Collision with Other Aircraft: Midair On-ground ☒ None

AIRCRAFT INFORMATION

Registration Number: N433CF

Manufacturer: Cirrus

Model: SR-22

Serial Number: 0701

Year of Manufacture: 2003

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

☒ IFR-Equipped and Certified

☐ Commercial Space Flight

☐ Unmanned Aircraft

Maximum Gross Weight: 3400 lbs

Weight at Time of Accident/Incident: 3065 lbs

Number of Seats: 4 Flight Crew Seats: 1

Cabin Crew Seats: _____ Passenger Seats: 3

Number of Engines: 1

Category of Aircraft

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

Type of Airworthiness Certificate (Check all that apply)

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

Landing Gear (Check all that apply)

- ☐ Retractable
☒ Tricycle
☐ 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/Serial	Manufacturer's Serial Number	Date of Mfg. mm/dd/yyyy	Rated Power ☒ Horsepower or lbs of Thrust	Total Time (hours)	Time Since: Inspection (hours)	Overhaul (hours)
Eng. 1	TCM	O-550-N	1002825	8/10/2010	310	1222.7	36.9	1222.7
Eng. 2								
Eng. 3								
Eng. 4								

Last Inspection Type

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

Date Last Inspection: 01/14/2022

mm/dd/yyyy

Airframe Total Time: 3492.1 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: hand held/portable

Propeller 1

- Fixed Pitch
☒ Controllable Pitch
Ground Adjustable

Manufacturer: hartzell

Model: PHC-J3YF-1RF

Propeller 2

- ☐ Fixed Pitch
☐ Controllable Pitch
☐ Ground Adjustable

Manufacturer: _____

Model: _____

ELT Installed: ☒ Yes ☐ No

If Yes:

ELT Manufacturer: ARTX AIRCRAFT SUP

Model or Part No.: 453-6603

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: J-W Power CompanyCity: 16479 N Dallas Parkway Suite 850State: TexasZIP: 75001Fractional Ownership Aircraft: Yes ☐ No ☒Country: U.S.**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 FlightYes ☐ 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: Midland International Air and Space PortAirport Identifier: KMAFProximity to Airport: ☒ Off Airport/Airstrip ☐ On Airport/Airstrip N/ADistance From Airport Center: 1.9 smDirection From Airport: 270 degrees trueAirport Elevation: 2872 ft msl**Runway Information**

Runway ID: _____ (L/R/C) Length: _____ ft Width: _____ ft

Runway/Landing Surface (Check all that apply)

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

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

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

Approach/Departure Segment (Select one)

Taxi
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 | ☐ 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 2" INFORMATION

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

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

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

"Flight Crewmember 2" Identification

First Name: _____

City of Residence: _____

Middle Initial: _____

State: _____ ZIP: _____

Last Name: _____

Country: _____

Age at time of Accident/Incident: _____ Date of Birth: _____ mm/dd/yyyy

Certificate Number: _____

Degree of Injury

☐ None ☐ Fatal
☐ Minor ☐ Unknown
☐ Serious

Seat Occupied

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

Restraint Type

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

Inflatable Restraints

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

Pilot Certificate(s) (Check all that apply)

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

Principal Occupation

☐ Pilot
☐ Other
☐ Unknown

Medical Certificate

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

Medical Certificate Validity

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

Date of Last Medical

_____ mm/dd/yyyy

Medical Certificate Limitations

Medical Certificate Special Issuance

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

Flight Review Aircraft

Make: _____
Model: _____

Airplane Rating(s) (Check all that apply)

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

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

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

Instrument Rating(s) (Check all that apply)

☐ None
☐ Airplane
☐ Helicopter
☐ Powered Lift

Instructor Rating(s) (Check all that apply)

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

Type Ratings

Student Endorsements (Include dates)

Flight Time (Enter appropriate number of hours in each box)

All Aircraft

This Make & Model

Airplane Single Engine

Airplane Multiengine

Night

Instrument

Actual

Simulated

Rotorcraft

Glider

Lighter Than Air

Total Time

Pilot in Command (PIC)

Time as Instructor

This Make/Model

Last 90 Days

Last 30 Days

Last 24 Hours

ADDITIONAL FLIGHT CREWMEMBERS (Exclusive of cabin crew, complete the following information)						
Crew Name and Address			Seat Occupied		Injury	
First Name: _____ City of Residence: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____			☐ Left ☐ Front ☐ Center ☐ Rear ☐ Right ☐ Single ☐ Unknown		☐ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown	
Pilot Certificate(s) (Check all that apply) ☐ None ☐ Private ☐ Student ☐ Flight Instructor ☐ Recreational ☐ Sport ☐ Commercial ☐ Airline Transport ☐ Flight Engineer ☐ US Military ☐ Foreign			Restraint Type: Available ☐ None ☐ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown Used ☐ None ☐ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown		Inflatable Restraints ☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown	
Type Rating/Endorsement for Accident/Incident Aircraft? ☐ Yes ☐ No			Total Flight Time at the Time of this Accident/Incident: _____ hrs			
Crew Name and Address			Seat Occupied		Injury	
First Name: _____ City of Residence: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____			☐ Left ☐ Front ☐ Center ☐ Rear ☐ Right ☐ Single ☐ Unknown		☐ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown	
Pilot Certificate(s) (Check all that apply) ☐ None ☐ Private ☐ Student ☐ Flight Instructor ☐ Recreational ☐ Sport ☐ Commercial ☐ Airline Transport ☐ Flight Engineer ☐ US Military ☐ Foreign			Restraint Type: Available ☐ None ☐ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown Used ☐ None ☐ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown		Inflatable Restraints ☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown	
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)						
Name and Address		Seat	Injury	Restraint Type		Inflatable Restraints
First Name: <u>Joe</u> City: <u>Fort Worth</u> Middle Initial: _____ State: <u>TX</u> ZIP: _____ Last Name: <u>Avila</u> Country: <u>U.S.</u> Crew ☒ Passenger Other		☐ Left ☐ Center ☒ Right ☐ Unknown Row: _____	☒ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown	Available ☐ None ☐ Lap Only ☐ 3-point ☒ 4-point ☐ 5-point ☐ Unknown Used ☐ None ☐ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown		☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____ ☐ Crew ☐ Passenger ☐ Other		☐ Left ☐ Center ☐ Right ☐ Unknown Row: _____	☐ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown	Available ☐ None ☐ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown Used ☐ None ☐ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown		☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____ ☐ Crew ☐ Passenger ☐ Other		☐ Left ☐ Center ☐ Right ☐ Unknown Row: _____	☐ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown	Available ☐ None ☐ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown Used ☐ None ☐ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown		☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____ ☐ Crew ☐ Passenger ☐ Other		☐ Left ☐ Center ☐ Right ☐ Unknown Row: _____	☐ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown	Available ☐ None ☐ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown Used ☐ None ☐ Lap Only ☐ 3-point ☐ 4-point ☐ 5-point ☐ Unknown		☐ Not Installed ☐ Installed ☐ Not Deployed ☐ Deployed ☐ Unknown

FLIGHT ITINERARY INFORMATION				
Last Departure Point Airport ID: <u>KFWS</u> City: <u>Fort Worth</u> State: <u>Texas</u> Country: <u>U.S.</u>		Time of Departure Time: <u>0630</u> Time Zone: <u>central</u>		Destination Airport ID: <u>KODO</u> City: <u>Odessa</u> State: <u>Texas</u> Country: <u>U.S.</u>
Type Flight Plan Filed ☒ None ☐ Company VFR ☐ Military VFR ☐ VFR VFR/IFR IFR Unknown Activated? ☐ Yes ☐ No ☐ Unknown				
Type of ATC Clearance/Service (Check all that apply) ☐ None ☐ VFR ☐ Special VFR ☐ IFR ☐ Special IFR ☐ VFR On Top ☒ VFR Flight Following ☐ Traffic Advisory ☐ Cruise ☐ Unknown / NA				
Airspace where the accident/incident occurred (Check all that apply) ☐ Class A ☐ Class B ☒ Class C ☐ Class D ☐ Class E ☐ Class G ☐ Demo Area ☐ Warning Area ☐ Prohibited Area ☐ Restricted Area ☐ Military Operations Area (MOA) ☐ Airport Advisory Area ☐ Jet Training Area ☐ TRSA ☐ FAR 93 ☐ Special ☐ Air Traffic Control Area ☐ Unknown 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 ☐ Flight Service Station ☐ TV/Radio ☐ Automated Report ☐ Commercial Weather Service (DUATS) ☒ On-Board Weather ☐ Company ☐ Military ☒ Internet ☐ None ☐ Unknown			Weather Observation Facility Facility ID: _____ Observation Time: _____ Time Zone: _____ Distance from Accident Site: _____ nm Direction from Accident Site: _____ degrees true	
Basic Conditions ☒ VMC ☐ IMC ☐ Unknown		Light Condition ☐ Dawn ☒ Day ☐ Dusk ☐ Night ☐ Dark Night ☐ Bright Night ☐ Unknown		
Sky/Lowest Cloud Condition ☒ Clear ☐ Few ☐ Partial Obscuration ☐ Scattered ☐ Thin Broken ☐ Thin Overcast ☐ Unknown		Ceiling ☒ None (Clear) ☐ Broken ☐ Overcast ☐ Obscured ☐ Indefinite ☐ Unknown Ceiling Height _____ ft agl		Temperature: _____ (C) or _____ (F) Dew Point: _____ (C) or _____ (F) Altimeter Setting: _____ in Hg or _____ MB
Lowest Cloud Condition Height _____ ft agl				
Wind Direction ☐ Variable -or- Direction: <u>200</u> degrees true		Wind Speed ☐ Calm ☐ Light and Variable -or- Speed: <u>10</u> kts		Wind Gusts ☒ Not Gusting -or- Speed: _____ kts
Visibility <u>10+</u> 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 ☐ Rain ☐ Snow ☐ Hail ☐ Rain Showers ☐ Drizzle ☐ Ice Pellets ☐ Snow Pellets ☐ Snow Grains ☐ Ice Crystals ☐ Freezing Rain ☐ Snow Shower ☐ Ice Pellets Shower ☐ Freezing Drizzle		Restriction to Visibility (Check all that apply) ☒ None ☐ Blowing Dust ☐ Blowing Sand ☐ Blowing Snow ☐ Blowing Spray ☐ Dust ☐ Fog ☐ Ground Fog ☐ Haze ☐ Ice Fog ☐ Smoke ☐ 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 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 <i>(Use additional sheet if necessary)</i> Multiple dents to the leading edge of each wing and the horizontal stabilizer due to contact with mesquite trees on landing. Two of the three propeller blades had minor tip deflections. The left main wheel covering was detached and damaged and the pilot's side step was damaged.					
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. I departed my home airport (KADS) at approximately 0530 on May 8, 2023, en-route to KFWS to pick up a passenger. Prior to departure I did a complete pre-flight and confirmed that the weather had not changed since my briefing the day prior, and it had not. The weather remained VFR for the duration of both flights. I was departing with approximately 65 gallons of fuel on board, which I calculated was enough to get me to my second destination of the day (KODO) with approximately 1.5 hours reserves. This was my first flight in this airplane in just over 7 months, so before picking up my passenger I did three landings at KFWS to be legal to fly my passenger. My passenger and I departed on time and had an uneventful flight until we were approximately 6 miles from our destination airport (KODO), when the engine began to run very rough. I started going through memory items to improve engine roughness (adjusted the mixture, which had already been enriched during descent from cruise, and adjusting the throttle). No immediate or sustained improvement was experienced, so I executed a steep 180 degree turn to a larger airport (KMAF) that I had just flown over. I switch back to (KMAF) approach, declared an emergency and asked for permission to land. During this time, I continued to adjust the mixture, throttle, primer and boost pump in an attempt to find a setting that allowed the engine to run. Then, the engine suddenly quit. I was too low at this point to continue to restart the engine and being beyond gliding distance to the runway, I committed to an off airport forced landing. The airplane came to a stop in a field about 1.5 miles west of the (KMAF) airport. My passenger and I were uninjured. Upon securing the aircraft after landing, I noticed that the fuel selector valve was on the right tank, and I had no memory of changing tanks during flight.					

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

I believe the combination of the below items all contributed to me making the mistake I made that day:

1. Approximately 96% of my over 2000 hours of flying is in airplanes that don't require switching tanks like this low wing single engine airplane does. Therefore, switching tanks every 30 minutes is not second nature to me like many of the other good aviation habits I have developed overtime.

2. Lack of recent flight time: The airplane had been down for months before this flight, and it had been just over 7 months since I had flown it last prior to the incident flight.

3. Every time I have flown this plane prior to this flight, the GPS system has had a scheduled message that re-occurs every 30 minutes that reminds the pilot to switch fuel tanks. This message must be acknowledged to make to go away. The message did not appear the entire flight. It was mostly likely inadvertently erased as both GPS units were sent out for repair while the plane was down. In retrospect, I likely depended too much on these reminder messages as my trigger to switch tanks.

4. The low fuel annunciator light ever came on. I tested that the bulb worked before and after the flight, and it illuminated in test mode each time. After the flight, while on the ground with the master switch on, the low fuel light was still not illuminated, even though the right tank was effectively dry (there was approximately 25 gallons in the left tank). I have reviewed language from the Cirrus Airplane Maintenance Manual that seems to indicate that the single low fuel light only comes on when both tanks are below 15 gallons. If I understand that correctly, the system was functioning as designed, although in retrospect the design of the low fuel annunciator may not

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)

55 _____ Gallons

Fuel Type

80/87

⊙ 100 Low Lead

100/130

115/145

Jet A

Jet A-1

Jet B

JP8

Automotive

Other, specify _____

Other Services, if Any, Prior to Departure

none

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

normal exit of aircraft

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

Aircraft Registration Number

Manufacturer:

Model:

Damage to Other Aircraft

☐ Destroyed

☐ Minor

☐ Substantial

☐ None

Registered Owner of Other Aircraft

Name: _____

City: _____

State: _____ ZIP: _____

Country: _____

Pilot of Other Aircraft

Name: _____

City: _____

State: _____ ZIP: _____

Country: _____

ADDITIONAL INFORMATION (Please type or print in ink)

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

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

Date of this Report

05/26/2023

mm/dd/yyyy

Name of Pilot/Operator: Travis Ashby

Signature: _____

-- or --

☒ Check here to electronically sign this document**If a Person Other than Pilot/Operator is Filing Report**

Name: _____

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CEN23LA185Reviewed by NTSB Regional Office
CENName of Investigator
Brian RuttDate Report Received
05/30/2023