

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: Leadville State: CO
 ZIP: 80461 Country: USA
 Latitude: 39.0956 Longitude: -106.3739
(Enter in decimal degrees or degrees:minutes:seconds)

Accident/Incident Date/Time

Date: 04/13/2022 Local Time: 07:03AM
mm/dd/yyyy
 Time Zone: MDT

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

AIRCRAFT INFORMATION

Registration Number: N112TR

Manufacturer: CIRRUS DESIGN CORP

Model: SR22

Serial Number: 3669

Year of Manufacture: 2010

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: 3200 lbs

Number of Seats: 4 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
- ☐ Restricted
- ☐ Limited
- ☐ Provisional
- ☐ Special Flight
- ☐ Experimental
- ☐ Special Light-Sport
- ☐ Experimental Light-Sport

☐ Certificate of Authorization or Waiver (COA)
☐ None ☐ Unknown

Landing Gear

(Check all that apply)

☐ Retractable

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

Engine Type *(Select one)*

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

Fuel System Type *(Reciprocating)*

- ☐ Carburetor
- ☒ Fuel-Injected

Engine	Engine Manufacturer	Engine Model/Series	Manufacturer's Serial Number	Date of Mfg. <i>mm/dd/yyyy</i>	Rated Power ☒ Horsepower or ☐ lbs of Thrust	Total Time <i>(hours)</i>	Time Since: Inspection <i>(hours)</i>	Overhaul <i>(hours)</i>
Eng. 1	CONT MOTOR	IO-550-N	1001689	03/29/2019	310	~2000	~50	~600
Eng. 2								
Eng. 3								
Eng. 4								

Last Inspection Type

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

Date Last Inspection: 01/22/2022
mm/dd/yyyy

Airframe Total Time: 2071.8 hrs
 hours measured at *(Select one)*

☐ Last Inspection ☒ Time of Accident/Incident

Type of Maintenance Program *(Select one)*

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

Description of Fire Extinguishing System

- ☐ None
- ☒ Specify: small handheld bottle

Propeller 1

- ☐ Fixed Pitch
- ☒ Controllable Pitch
- ☐ Ground Adjustable

Manufacturer: Hartzell

Model: PHC-J3Y1F-1N/N7605B

Propeller 2

- ☐ Fixed Pitch
- ☐ Controllable Pitch
- ☐ Ground Adjustable

Manufacturer: _____

Model: _____

ELT Installed: ☒ Yes ☐ No

If Yes:

ELT Manufacturer: Artex

Model or Part No.: ME406

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: <u>TANGO TANGO ROMEO LLC</u> Fractional Ownership Aircraft: ☐ Yes ☒ No		City: <u>Grand Junction</u> State: <u>CO</u> ZIP: <u>81505</u> Country: <u>USA</u>	
Operator of Aircraft ☐ Same As Registered Owner Name: <u>Jon Labrum</u> Doing Business As: _____ Air Carrier/Operator Designator (4 Character Code): _____		☒ Same Address as Registered Owner City: _____ State: _____ ZIP: _____ Country: _____	
Operating Certificates Held <i>(Check all that apply)</i> ☒ 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 <i>(Select one)</i> ☐ Armed Forces ☐ Federal ☐ State ☐ Local ☐ Unknown		Revenue Operation for FAR 121, 125, 129, 135 <i>(Select one for each group)</i> ☐ Scheduled or Commuter ☐ Domestic ☐ Non-Scheduled or Air Taxi ☐ International ☐ Passenger ☐ Cargo ☐ Mail Contract Only
Revenue Sightseeing Flight ☐ Yes ☒ No	Air Medical Flight ☐ Yes ☒ No		Purpose of Flight for FAR 91, 103, 133, 137 <i>(Select one)</i> ☐ 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
AIRPORT INFORMATION <i>(Fill in if accident/incident occurred on approach, landing, takeoff, departure, or within 3 miles of an airport)</i>			
Airport Name: _____ Airport Identifier: _____ Proximity to Airport: ☐ Off Airport/Airstrip ☐ On Airport/Airstrip ☐ N/A		Distance From Airport Center: _____ sm Direction From Airport: _____ degrees true Airport Elevation: _____ ft. msl	
Runway Information Runway ID: _____ (L/R/C) Length: _____ ft Width: _____ ft		Condition of Runway/Landing Surface <i>(Check all that apply)</i> ☐ 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	
Runway/Landing Surface <i>(Check all that apply)</i> ☐ Asphalt ☐ Grass/Turf ☐ Macadam ☐ Water ☐ Concrete ☐ Gravel ☐ Metal/Wood ☐ Dirt ☐ Ice ☐ Snow ☐ Unknown			
Approach/Departure Segment <i>(Select one)</i> ☐ 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 <i>(Check all that apply)</i> ☐ 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 <i>(Check all that apply)</i> ☐ None ☐ Traffic Pattern ☐ Stop and Go ☐ Straight-In ☐ Touch and Go ☐ Valley/Terrain Following ☐ Simulated Forced Landing ☐ Go Around ☐ Forced Landing ☐ Full Stop ☐ Precautionary Landing ☐ Unknown	

"FLIGHT CREWMEMBER 1" INFORMATION																																																																																																				
"Flight Crewmember 1" Responsibilities at the Time of Accident/Incident ☒ Pilot ☐ Co-Pilot ☐ Student Pilot ☐ Flight Instructor ☐ Check Pilot ☐ Flight Engineer ☐ Other Flight Crew																																																																																																				
"Flight Crewmember 1" was pilot flying ☒ Yes ☐ No																																																																																																				
"Flight Crewmember 1" Identification First Name: <u>Jon</u> Middle Initial: <u>G</u> Last Name: <u>Labrum</u> City of Residence: <u>Grand Junction</u> State: <u>CO</u> ZIP: <u>81505</u> Country: <u>USA</u> Age at time of Accident/Incident: <u>38</u> Date of Birth: [REDACTED] mm/dd/yyyy Certificate Number: [REDACTED]																																																																																																				
Degree of Injury ☐ None ☐ Fatal ☒ Minor ☐ Unknown ☐ Serious			Seat Occupied ☒ Left ☐ Front ☐ Unknown ☐ Right ☐ Rear ☐ Center ☐ Single			Restraint Type Available ☐ None ☐ Lap only ☐ 3-point ☒ 4-point ☐ 5-point ☐ Unknown Used ☐ None ☐ Lap only ☐ 3-point ☒ 4-point ☐ 5-point ☐ Unknown			Inflatable Restraints ☐ Not Installed ☒ Installed ☒ Not Deployed ☐ Deployed ☐ Unknown																																																																																											
Pilot Certificate(s) <i>(Check all that apply)</i> ☐ None ☐ Flight Instructor ☐ Private ☐ Recreational ☐ Student ☐ Sport ☒ Commercial ☐ US Military ☐ Airline Transport ☐ Foreign ☐ Flight Engineer						Medical Certificate Validity ☐ Without limitations/waivers ☐ Unknown ☒ With limitations/waivers ☐ N/A ☐ Special Issuance																																																																																														
Principal Occupation ☐ Pilot ☒ Other ☐ Unknown		Medical Certificate ☐ None ☐ Class 3 ☐ Class 1 ☐ Driver's License (Sport Pilot only) ☒ Class 2 ☐ Unknown			Date of Last Medical <u>06/01/2021</u> mm/dd/yyyy																																																																																															
Medical Certificate Limitations Must wear corrective lenses																																																																																																				
Medical Certificate Special Issuance																																																																																																				
Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks: <u>09/14/2021</u> mm/dd/yyyy				Flight Review Aircraft Make: <u>Cessna</u> Model: <u>CE525B Level D Sim</u>																																																																																																
Airplane Rating(s) <i>(Check all that apply)</i> ☐ None ☒ Single-Engine Land ☐ Single-Engine Sea ☒ Multiengine Land ☐ Multiengine Sea		Other Aircraft Rating(s) <i>(Check all that apply)</i> ☒ None ☐ Airship ☐ Balloon ☐ Glider ☐ Gyroplane ☐ Helicopter ☐ Powered Lift		Instrument Rating(s) <i>(Check all that apply)</i> ☐ None ☒ Airplane ☐ Helicopter ☐ Powered Lift		Instructor Rating(s) <i>(Check all that apply)</i> ☒ None ☐ Airplane Single-Engine ☐ Airplane Multi-Engine ☐ Gyroplane ☐ Powered Lift ☐ Instrument Airplane ☐ Instrument Helicopter ☐ Helicopter ☐ Glider ☐ Sport																																																																																														
Type Ratings CE-525S						Student Endorsements <i>(Include dates)</i>																																																																																														
<table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th rowspan="2" style="text-align: left; padding: 5px;">Flight Time <i>(Enter appropriate number of hours in each box)</i></th> <th rowspan="2" style="padding: 5px;">All Aircraft</th> <th rowspan="2" style="padding: 5px;">This Make & Model</th> <th rowspan="2" style="padding: 5px;">Airplane Single Engine</th> <th rowspan="2" style="padding: 5px;">Airplane Multiengine</th> <th rowspan="2" style="padding: 5px;">Night</th> <th colspan="2" style="padding: 5px;">Instrument</th> <th rowspan="2" style="padding: 5px;">Rotorcraft</th> <th rowspan="2" style="padding: 5px;">Glider</th> <th rowspan="2" style="padding: 5px;">Lighter Than Air</th> </tr> <tr> <th style="padding: 5px;">Actual</th> <th style="padding: 5px;">Simulated</th> </tr> </thead> <tbody> <tr> <td style="text-align: left; padding: 5px;">Total Time</td> <td>4,122</td> <td>830</td> <td>2,003</td> <td>2,062</td> <td>305</td> <td>271</td> <td>144</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: left; padding: 5px;">Pilot in Command (PIC)</td> <td>3,999</td> <td>830</td> <td>1,937</td> <td>2,062</td> <td>302</td> <td>271</td> <td>144</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: left; padding: 5px;">Time as Instructor</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: left; padding: 5px;">This Make/Model</td> <td></td> <td></td> <td></td> <td></td> <td>18</td> <td>32</td> <td>0</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: left; padding: 5px;">Last 90 Days</td> <td>119</td> <td>50</td> <td>93</td> <td>26</td> <td>6</td> <td>5</td> <td>1</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: left; padding: 5px;">Last 30 Days</td> <td>46</td> <td>25</td> <td>37</td> <td>10</td> <td>3</td> <td></td> <td>1</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: left; padding: 5px;">Last 24 Hours</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>											Flight Time <i>(Enter appropriate number of hours in each box)</i>	All Aircraft	This Make & Model	Airplane Single Engine	Airplane Multiengine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air	Actual	Simulated	Total Time	4,122	830	2,003	2,062	305	271	144				Pilot in Command (PIC)	3,999	830	1,937	2,062	302	271	144				Time as Instructor	0	0	0	0	0	0	0				This Make/Model					18	32	0				Last 90 Days	119	50	93	26	6	5	1				Last 30 Days	46	25	37	10	3		1				Last 24 Hours	0	0	0	0	0	0	0			
Flight Time <i>(Enter appropriate number of hours in each box)</i>	All Aircraft	This Make & Model	Airplane Single Engine	Airplane Multiengine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air																																																																																										
						Actual	Simulated																																																																																													
Total Time	4,122	830	2,003	2,062	305	271	144																																																																																													
Pilot in Command (PIC)	3,999	830	1,937	2,062	302	271	144																																																																																													
Time as Instructor	0	0	0	0	0	0	0																																																																																													
This Make/Model					18	32	0																																																																																													
Last 90 Days	119	50	93	26	6	5	1																																																																																													
Last 30 Days	46	25	37	10	3		1																																																																																													
Last 24 Hours	0	0	0	0	0	0	0																																																																																													

"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 <table style="width: 100%;"> <tr> <th style="text-align: left;">Available</th> <th style="text-align: left;">Used</th> </tr> <tr> <td>☐ None</td> <td>☐ None</td> </tr> <tr> <td>☐ Lap only</td> <td>☐ Lap only</td> </tr> <tr> <td>☐ 3-point</td> <td>☐ 3-point</td> </tr> <tr> <td>☐ 4-point</td> <td>☐ 4-point</td> </tr> <tr> <td>☐ 5-point</td> <td>☐ 5-point</td> </tr> <tr> <td>☐ Unknown</td> <td>☐ Unknown</td> </tr> </table>	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
Available	Used																
☐ None	☐ None																
☐ Lap only	☐ Lap only																
☐ 3-point	☐ 3-point																
☐ 4-point	☐ 4-point																
☐ 5-point	☐ 5-point																
☐ Unknown	☐ Unknown																
Pilot Certificate(s) (Check all that apply) <table style="width: 100%;"> <tr> <td>☐ None</td> <td>☐ Flight Instructor</td> <td>☐ Commercial</td> <td>☐ US Military</td> </tr> <tr> <td>☐ Private</td> <td>☐ Recreational</td> <td>☐ Airline Transport</td> <td>☐ Foreign</td> </tr> <tr> <td>☐ Student</td> <td>☐ Sport</td> <td>☐ Flight Engineer</td> <td></td> </tr> </table>		☐ None	☐ Flight Instructor	☐ Commercial	☐ US Military	☐ Private	☐ Recreational	☐ Airline Transport	☐ Foreign	☐ Student	☐ Sport	☐ Flight Engineer		Medical Certificate Validity ☐ Without limitations/waivers ☐ Unknown ☐ With limitations/waivers ☐ N/A ☐ Special Issuance			
☐ 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		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 ☐ Airplane Single-Engine ☐ Airplane Multi-Engine ☐ Gyroplane ☐ Powered Lift ☐ Instrument Airplane ☐ Instrument Helicopter ☐ Helicopter ☐ Glider ☐ Sport
--	---	---	---

Type Ratings	Student Endorsements (Include dates)
---------------------	---

Flight Time (Enter appropriate number of hours in each box)	All Aircraft	This Make & Model	Airplane Single Engine	Airplane Multiengine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air
						Actual	Simulated			
Total Time										
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 First Name: _____ City of Residence: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____			Seat Occupied ☐ Left ☐ Center ☐ Right ☐ Front ☐ Rear ☐ Single ☐ Unknown		Injury ☐ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown			
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 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 First Name: _____ City of Residence: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____			Seat Occupied ☐ Left ☐ Center ☐ Right ☐ Front ☐ Rear ☐ Single ☐ Unknown		Injury ☐ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown			
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 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 First Name: _____ City : _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____ ☐ Crew ☐ Passenger ☐ Other		Seat ☐ Left ☐ Center ☐ Right ☐ Unknown Row: _____	Injury ☐ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown	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	Age ☐ Under 5 years If Under 5, ☐ Child Restraint ☐ Lap-Held ☐ 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	☐ Under 5 years If Under 5, ☐ Child Restraint ☐ Lap-Held ☐ 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	☐ Under 5 years If Under 5, ☐ Child Restraint ☐ Lap-Held ☐ 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	☐ Under 5 years If Under 5, ☐ Child Restraint ☐ Lap-Held ☐ Unknown

FLIGHT ITINERARY INFORMATION							
Last Departure Point Airport ID: <u>KGJT</u> City: <u>Grand Junction</u> State: <u>CO</u> Country: <u>USA</u>		Time of Departure Time: <u>06:22 AM</u> Time Zone: <u>MDT</u>		Destination Airport ID: <u>KAPA</u> City: <u>Centennial</u> State: <u>CO</u> Country: <u>USA</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 ☐ Special VFR ☐ Special IFR ☐ VFR Flight Following ☐ Cruise ☐ VFR ☒ IFR ☐ VFR On Top ☐ Traffic Advisory ☐ Unknown / NA							
Airspace where the accident/incident occurred (Check all that apply) ☒ Class A ☐ Class 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: <u>23000</u> 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 Lowest Cloud Condition Height _____ ft agl		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			
Wind Direction ☐ Variable -or- Direction: _____ degrees true	Wind Speed ☐ Calm ☐ Light and Variable -or- Speed: _____ kts	Wind Gusts ☐ Not Gusting -or- Speed: _____ kts	Visibility _____ 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>			
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 and location, services obtained, and intended destination. Provide as much detail as possible. On April 13th, 2022 at approximately 6:22 AM MDT time, after completing the cirrus checklists including a normal runup, I departed KGJT to KAPA. I picked up an IFR flight plan. I climbed at 100% power with the boost pump in low boost position to FL230 to be above the clouds/weather. Fuel flow was in the normal range. Upon climbing through 10,000ft MSL I turned on the onboard oxygen and put on the oxygen mask. I switched fuel tanks about 10 minutes into the flight to maintain fuel balance. I leveled off at my filed altitude of 17,000ft about 13 minutes in. After a few minutes after leveling at 17,000 I decided, I would need to climb higher to remain above the cloud layer in front of me over the mountains. I requested a climb to FL210 and after a few minutes at FL210 was in the cloud tops. I then requested FL230 and climbed to FL230. During the climbs I used full power/full rich and low boost. During the climb from FL210 to FL230 I briefly noticed an alternate air indication on the PFD. The engine was still performing normally and producing full power. I was not in icing conditions and have seen this before and the solution is typically to reduce power a bit which will extinguish the light. Upon leveling at FL230 I reduced the power to approximately 65% to 75% power and adjusted fuel flow to the lean of peak marker on the Garmin MFD. Upon reaching this lower cruise power setting the alternate air light extinguished and all engine instruments were normal. I was in visual conditions with blue sky and was above the clouds by 1000-2,000ft. The air was smooth and I had approximately a 30kt tailwind. At approximately 6:57 AM MDT, I experienced a drastic reduction in power being produced by the engine. I looked at the percent power and it was indicating approximately 10%-15%. I immediately pushed the mixture to full rich and that provided no change in power, I tried the high fuel boost setting and that produced no change. I adjusted the power lever backward and forward with no effect. I switched fuel tanks. I immediately declared an emergency to Denver Center. At approximately 6:58AM MDT, I found what I thought was the nearest airport to the South East on the MFD and hit Direct To. The aircraft started a turn to the right. I changed to IAS mode on the autopilot and set approximately 90kts-100kts with the wheel. I started a descent into the cloud tops to maintain best glide and entered IMC conditions. At approximately 6:59AM MDT, the controller had not replied to me so I declared an emergency again and asked for the nearest airport. Denver Center replied and said Leadville off my left side was the nearest airport so I entered Direct To Leadville from the MFD screen which started a turn to the North East. Around this time, I experienced smoke coming into the flight deck which led me to believe there was a catastrophic failure with the engine and a restart was not going to be possible. I advised ATC about the smoke in the flight deck. I continued to monitor my altitude and requested the MSA in the area from Denver Center as I was still in IMC. At approximately 7:02AM MDT, while waiting for the controller to respond another pilot in the area indicated that if I made a right hand turn to the East it would help me get closer to the valley so I selected heading mode on the AP controller and turned to an East heading. Right after the controller returned with the safe altitude in the area was approximately 16400ft. At that moment I saw I was descending through approximately 16400ft and I noticed a small circle of yellow/mountain peak appear on the MDF indicating that terrain was near. At approximately 7:03AM MDT I announced over the radio that I was going to deploy the parachute. I immediately pulled the mixture to cut off and pulled the red CAPS handle down. I heard a loud bang like a gunshot and was pulled forward in my seatbelt as the aircraft slowed down under the chute. Within a few seconds the aircraft had slowed down and the nose pitched up. About this time, I broke out of the clouds and saw a lake in the distance. I made one last radio call that I was coming down under the chute near a lake. I then turned off the battery master and all the switches on the panel. I sat up as straight in the seat and put my hands in my lap. Within seconds I hit the ground hard and heard a loud bang as the aircraft wings impact the ground. I instantly felt as though I could not breath and had some minor back pain. I sat there for a bit to catch my breath. Once I could breathe again, I removed my oxygen mask and I looked around and realized I was in a field with sagebrush and trees around. I moved my arms, legs, hands, toes, and neck. I realized that while my back hurt a little, I was overall in good shape. I cracked the pilot side door open to ensure I had a quick escape if needed. I looked for signs of leaking fuel or fire but did not see any; I decided to remain in the airplane where it was warm. I noticed the oxygen was still flowing in the mask, but did not want to start a fire by turning the master back on to turn the system off. I opened the center console and activated the SOS button on my Garmin InReach. I then found my iPhone. I realized that I had phone			

On April 13th, 2022 at approximately 6:22 AM MDT time, after completing the cirrus checklists including a normal runup, I departed KGJT to KAPA. I picked up an IFR flight plan. I climbed at 100% power with the boost pump in low boost position to FL230 to be above the clouds/weather. Fuel flow was in the normal range. Upon climbing through 10,000ft MSL I turned on the onboard oxygen and put on the oxygen mask.

I switched fuel tanks about 10 minutes into the flight to maintain fuel balance. I leveled off at my filed altitude of 17,000ft about 13 minutes in. After a few minutes after leveling at 17,000 I decided, I would need to climb higher to remain above the cloud layer in front of me over the mountains. I requested a climb to FL210 and after a few minutes at FL210 was in the cloud tops. I then requested FL230 and climbed to FL230. During the climbs I used full power/full rich and low boost. During the climb from FL210 to FL230 I briefly noticed an alternate air indication on the PFD. The engine was still performing normally and producing full power. I was not in icing conditions and have seen this before and the solution is typically to reduce power a bit which will extinguish the light.

Upon leveling at FL230 I reduced the power to approximately 65% to 75% power and adjusted fuel flow to the lean of peak marker on the Garmin MFD. Upon reaching this lower cruise power setting the alternate air light extinguished and all engine instruments were normal. I was in visual conditions with blue sky and was above the clouds by 1000-2,000ft. The air was smooth and I had approximately a 30kt tailwind.

At approximately 6:57 AM MDT, I experienced a drastic reduction in power being produced by the engine. I looked at the percent power and it was indicating approximately 10%-15%. I immediately pushed the mixture to full rich and that provided no change in power, I tried the high fuel boost setting and that produced no change. I adjusted the power lever backward and forward with no effect. I switched fuel tanks.

I immediately declared an emergency to Denver Center.

At approximately 6:58AM MDT, I found what I thought was the nearest airport to the South East on the MFD and hit Direct To. The aircraft started a turn to the right. I changed to IAS mode on the autopilot and set approximately 90kts-100kts with the wheel. I started a descent into the cloud tops to maintain best glide and entered IMC conditions.

At approximately 6:59AM MDT, the controller had not replied to me so I declared an emergency again and asked for the nearest airport. Denver Center replied and said Leadville off my left side was the nearest airport so I entered Direct To Leadville from the MFD screen which started a turn to the North East.

Around this time, I experienced smoke coming into the flight deck which led me to believe there was a catastrophic failure with the engine and a restart was not going to be possible. I advised ATC about the smoke in the flight deck.

I continued to monitor my altitude and requested the MSA in the area from Denver Center as I was still in IMC.

At approximately 7:02AM MDT, while waiting for the controller to respond another pilot in the area indicated that if I made a right hand turn to the East it would help me get closer to the valley so I selected heading mode on the AP controller and turned to an East heading.

Right after the controller returned with the safe altitude in the area was approximately 16400ft. At that moment I saw I was descending through approximately 16400ft and I noticed a small circle of yellow/mountain peak appear on the MDF indicating that terrain was near.

At approximately 7:03AM MDT I announced over the radio that I was going to deploy the parachute. I immediately pulled the mixture to cut off and pulled the red CAPS handle down. I heard a loud bang like a gunshot and was pulled forward in my seatbelt as the aircraft slowed down under the chute. Within a few seconds the aircraft had slowed down and the nose pitched up. About this time, I broke out of the clouds and saw a lake in the distance. I made one last radio call that I was coming down under the chute near a lake.

I then turned off the battery master and all the switches on the panel. I sat up as straight in the seat and put my hands in my lap. Within seconds I hit the ground hard and heard a loud bang as the aircraft wings impact the ground. I instantly felt as though I could not breathe and had some minor back pain.

I sat there for a bit to catch my breath. Once I could breathe again, I removed my oxygen mask and I looked around and realized I was in a field with sagebrush and trees around. I moved my arms, legs, hands, toes, and neck. I realized that while my back hurt a little, I was overall in good shape. I cracked the pilot side door open to ensure I had a quick escape if needed. I looked for signs of leaking fuel or fire but did not see any; I decided to remain in the airplane where it was warm. I noticed the oxygen was still flowing in the mask, but did not want to start a fire by turning the master back on to turn the system off.

I opened the center console and activated the SOS button on my Garmin InReach. I then found my iPhone. I realized that I had phone service so I called 911. I read the GPS coordinates to the 911 dispatcher.

The 911 dispatcher indicated they had been notified of a crash and asked if I was the pilot. I explained that I was the pilot and that I had some minor back pain but was otherwise ok. I let her know there was no signs of leaking fuel or fire and that I would stay inside the aircraft.

The 911 dispatcher let me know search and rescue was enroute to me. Using Google Maps, I let her know I was between a couple of lakes and a camp ground near the highway. She eventually asked if I heard siren sounds from the EMS vehicle and I confirmed.

Shortly after, search and rescue arrived and checked my vitals. I let them know I was ok and felt fine/thought I could walk. They said that since I had some back pain it would be best to carry me out on a board just to be safe.

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

Operator/Owner Safety Recommendation

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.)

Loss of engine power

**Total Time/Cycles
On Part**

~2000 Hours

Cycles

**Time Since This Part
Inspected/Overhauled**

~500 Hours

FUEL & SERVICES INFORMATION

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

92 Gallons

Fuel Type

☐ 80/87 ☐ 115/145 ☐ Jet B ☐ Other, specify _____
☒ 100 Low Lead ☐ Jet A ☐ JP8
☐ 100/130 ☐ Jet A-1 ☐ Automotive

Other Services, if Any, Prior to Departure**EVACUATION OF AIRCRAFT**

Was an emergency evacuation of the aircraft performed? ☐ Yes ☒ No

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

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

03/16/2022

mm/dd/yyyy

Name of Pilot/Operator: Jon G Labrum

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.
CEN22LA176

Reviewed by NTSB Regional Office
Central Region

Name of Investigator
T. Sorensen

Date Report Received
June 1, 2022