

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: NEWMAN'S PEAK/PIACACHO State: AZ
ZIP: 85141 Country: USA
Latitude: N32 43.75 Longitude: W111 20.30
(Enter in decimal degrees or degrees:minutes:seconds)

Accident/Incident Date/Time

Date: 04/19/2024 Local Time: 12:30 PM
mm/dd/yyyy ARIZONA
Time Zone: ADJUSTED STANDARD

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

AIRCRAFT INFORMATION

Registration Number: N4399X
Manufacturer: PIPER
Model: PA-28-151
Serial Number: 287615006
Year of Manufacture: 1975
Amateur-Built: ☐ Yes ☒ No If Yes: ☐ Kit/Plans ☐ Original Design Make: _____

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

Maximum Gross Weight: 2325 lbs
Weight at Time of Accident/Incident: 2050 lbs
Number of Seats: 4 Flight Crew Seats: 2
Cabin Crew Seats: 4 Passenger Seats: 2
Number of Engines: ONE

Category of Aircraft

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

Type of Airworthiness Certificate (Check all that apply)

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

Landing Gear (Check all that apply)

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

Engine Type (Select one)

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

Fuel System Type (Reciprocating)

- ☒ Carburetor ☐ Fuel-Injected

Engine	Engine Manufacturer	Engine Model/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	TEXTRON LYCOMING	O-360-A4A	L23304-36A	UNKNOWN	180	723.35	60.4	2250.1
Eng. 2								
Eng. 3								
Eng. 4								

Last Inspection Type

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

Date Last Inspection: 04/09/2024
mm/dd/yyyy

Airframe Total Time: 7152.85 hrs
hours measured at (Select one)

- ☒ Last Inspection ☐ Time of Accident/Incident

Type of Maintenance Program (Select one)

- ☒ Annual
- ☐ Conditional (Amateur-built only)
- ☐ Manufacturer's Inspection Program
- ☐ Other Approved Inspection Program (AAIP)
- ☐ Continuous Airworthiness
- ☐ Other, specify: 100 HR

Description of Fire Extinguishing System

- ☐ None
- ☒ Specify: HANDHELD

Propeller 1

- ☒ Fixed Pitch
☐ Controllable Pitch
☐ Ground Adjustable

Manufacturer: SENSENBACH
Model: 74EM8-0-60

Propeller 2

- ☐ Fixed Pitch
☐ Controllable Pitch
☐ Ground Adjustable

Manufacturer: _____
Model: _____

ELT Installed: ☒ Yes ☐ No

If Yes:
ELT Manufacturer: AMERIKING
Model or Part No.: _____
TSO No.: ☐ OC91 (121.5 MHz) ☐ OC91a (121.5 MHz)
☐ OC126 (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>Venture West LLC</u>		City: <u>Mesa</u> State: <u>AZ</u> ZIP: <u>85215</u> Country: <u>USA</u>	
Fractional Ownership Aircraft: ☐ Yes ☒ No			
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 <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 ☐ Holes ☐ Ice Covered ☐ Rough ☐ Rubber Deposits ☐ Slush-Covered ☐ Snow-Compacted ☐ Snow-Crusted ☐ Snow-Dry ☐ Snow-Wet ☐ Soft ☐ Vegetation ☐ Water-Calm ☐ Water-Choppy ☐ Water-Glassy ☐ Wet ☐ Unknown	
Runway/Landing Surface <i>(Check all that apply)</i> ☐ Asphalt ☐ Concrete ☐ Dirt ☐ Grass/Turf ☐ Gravel ☐ Ice ☐ Macadam ☐ Metal/Wood ☐ Snow ☐ Water ☐ Unknown			
Approach/Departure Segment <i>(Select one)</i> ☐ 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 <i>(Check all that apply)</i> ☐ None ☐ ADF/NDB ☐ SDF ☐ VOR/TVOR ☐ VOR/DME ☐ TACAN ☐ PAR ☐ Sidestep ☐ ILS ☐ Localizer Only ☐ LOC-back course ☐ RNAV ☐ MLS ☐ LDA ☐ ASR ☐ Visual ☐ Contact ☐ Circling ☐ Practice ☐ GPS ☐ Unknown		VFR Approach <i>(Check all that apply)</i> ☐ None ☐ Traffic Pattern ☐ Straight-In ☐ Valley/Terrain Following ☐ Go Around ☐ Full Stop ☐ Stop and Go ☐ Touch and Go ☐ Simulated Forced Landing ☐ Forced Landing ☐ Precautionary Landing ☐ Unknown	

"FLIGHT CREWMEMBER 1" INFORMATION																																																																																																			
"Flight Crewmember 1" Responsibilities at the Time of Accident/Incident ☒ Pilot ☐ Co-Pilot ☐ Student Pilot ☐ Flight Instructor ☐ Check Pilot ☐ Flight Engineer ☐ Other Flight Crew																																																																																																			
"Flight Crewmember 1" was pilot flying ☐ Yes ☐ No																																																																																																			
"Flight Crewmember 1" Identification First Name: <u>AUSTIN</u> City of Residence: <u>SCOTTSDALE</u> Middle Initial: <u>T</u> State: <u>AZ</u> ZIP: <u>85251</u> Last Name: <u>KOEPPER</u> Country: <u>USA</u> Age at time of Accident/Incident: <u>36</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) (Check all that apply) ☐ 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																																																																																															
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>08/03/2022</u> mm/dd/yyyy																																																																																															
Medical Certificate Limitations <u>NONE</u>																																																																																																			
Medical Certificate Special Issuance <u>N/A</u>																																																																																																			
Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks: <u>12/18/2023</u> mm/dd/yyyy				Flight Review Aircraft Make: <u>PIPER</u> Model: <u>SEMINOLE PA-44</u>																																																																																															
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 <u>NONE</u>						Student Endorsements (Include dates)																																																																																													
<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 (Enter appropriate number of hours in each box)</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>367.4</td> <td>77.1</td> <td>334.8</td> <td>32.6</td> <td>19.2</td> <td>0</td> <td>63.7</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: left; padding: 5px;">Pilot in Command (PIC)</td> <td>267.8</td> <td>77.1</td> <td>243.2</td> <td>24.6</td> <td>6.2</td> <td>0</td> <td>58.4</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: left; padding: 5px;">Time as Instructor</td> <td>116.8</td> <td>77.1</td> <td>108.8</td> <td>7.3</td> <td>6.2</td> <td>0</td> <td>4.3</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>2.1</td> <td>0</td> <td>0</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: left; padding: 5px;">Last 90 Days</td> <td>106.6</td> <td>70.1</td> <td>106.6</td> <td>0</td> <td>6.2</td> <td>0</td> <td>0</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: left; padding: 5px;">Last 30 Days</td> <td>51.6</td> <td>36.2</td> <td>51.6</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;">Last 24 Hours</td> <td>5.3</td> <td>5.3</td> <td>5.3</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>										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	367.4	77.1	334.8	32.6	19.2	0	63.7				Pilot in Command (PIC)	267.8	77.1	243.2	24.6	6.2	0	58.4				Time as Instructor	116.8	77.1	108.8	7.3	6.2	0	4.3				This Make/Model					2.1	0	0				Last 90 Days	106.6	70.1	106.6	0	6.2	0	0				Last 30 Days	51.6	36.2	51.6	0	0	0	0				Last 24 Hours	5.3	5.3	5.3	0	0	0	0			
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	367.4	77.1	334.8	32.6	19.2	0	63.7																																																																																												
Pilot in Command (PIC)	267.8	77.1	243.2	24.6	6.2	0	58.4																																																																																												
Time as Instructor	116.8	77.1	108.8	7.3	6.2	0	4.3																																																																																												
This Make/Model					2.1	0	0																																																																																												
Last 90 Days	106.6	70.1	106.6	0	6.2	0	0																																																																																												
Last 30 Days	51.6	36.2	51.6	0	0	0	0																																																																																												
Last 24 Hours	5.3	5.3	5.3	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: <u>STERLING</u> City of Residence: <u>MESA</u> Middle Initial: <u>L</u> State: <u>AZ</u> ZIP: <u>85209</u> Last Name: <u>STARKS</u> Country: <u>USA</u> Age at time of Accident/Incident: <u>36</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 <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) ☐ 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			Date of Last Medical <u>01/17/2024</u> mm/dd/yyyy																																																																																												
Principal Occupation ☐ Pilot ☐ Other ☒ Unknown																																																																																																			
Medical Certificate ☐ None ☐ Class 3 ☒ Class 1 ☐ Driver's License (Sport Pilot only) ☐ Class 2 ☐ Unknown																																																																																																			
Medical Certificate Limitations <u>NONE</u>																																																																																																			
Medical Certificate Special Issuance <u>N/A</u>																																																																																																			
Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks: <u>N/A STUDENT</u> mm/dd/yyyy				Flight Review Aircraft Make: <u>N/A</u> Model: <u>N/A</u>																																																																																															
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 <u>NONE</u>						Student Endorsements (Include dates) <u>ACROBATIC KNOWLEDGE TEST</u> <u>61.35(a)(1), 61.105(a), 61.105 - 02/27/2024</u>																																																																																													
<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 (Enter appropriate number of hours in each box)</th> <th rowspan="2" style="text-align: center; padding: 5px;">All Aircraft</th> <th rowspan="2" style="text-align: center; padding: 5px;">This Make & Model</th> <th rowspan="2" style="text-align: center; padding: 5px;">Airplane Single Engine</th> <th rowspan="2" style="text-align: center; padding: 5px;">Airplane Multiengine</th> <th rowspan="2" style="text-align: center; padding: 5px;">Night</th> <th colspan="2" style="text-align: center; padding: 5px;">Instrument</th> <th rowspan="2" style="text-align: center; padding: 5px;">Rotorcraft</th> <th rowspan="2" style="text-align: center; padding: 5px;">Glider</th> <th rowspan="2" style="text-align: center; padding: 5px;">Lighter Than Air</th> </tr> <tr> <th style="text-align: center; padding: 5px;">Actual</th> <th style="text-align: center; padding: 5px;">Simulated</th> </tr> </thead> <tbody> <tr> <td style="text-align: left; padding: 5px;">Total Time</td> <td style="text-align: center; padding: 5px;">27.9</td> <td style="text-align: center; padding: 5px;">19.6</td> <td style="text-align: center; padding: 5px;">27.9</td> <td></td> <td style="text-align: center; padding: 5px;">1.7</td> <td></td> <td style="text-align: center; padding: 5px;">3.5</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: left; padding: 5px;">Pilot in Command (PIC)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: left; padding: 5px;">Time as Instructor</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: left; padding: 5px;">This Make/Model</td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center; padding: 5px;">1.0</td> <td></td> <td style="text-align: center; padding: 5px;">2.5</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: left; padding: 5px;">Last 90 Days</td> <td style="text-align: center; padding: 5px;">27.9</td> <td style="text-align: center; padding: 5px;">19.6</td> <td style="text-align: center; padding: 5px;">27.9</td> <td></td> <td style="text-align: center; padding: 5px;">1.7</td> <td></td> <td style="text-align: center; padding: 5px;">3.5</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: left; padding: 5px;">Last 30 Days</td> <td style="text-align: center; padding: 5px;">8.7</td> <td style="text-align: center; padding: 5px;">6.3</td> <td style="text-align: center; padding: 5px;">8.7</td> <td></td> <td style="text-align: center; padding: 5px;">0</td> <td></td> <td style="text-align: center; padding: 5px;">.8</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: left; padding: 5px;">Last 24 Hours</td> <td style="text-align: center; padding: 5px;">1.1</td> <td style="text-align: center; padding: 5px;">1.1</td> <td style="text-align: center; padding: 5px;">1.1</td> <td></td> <td style="text-align: center; padding: 5px;">0</td> <td></td> <td style="text-align: center; padding: 5px;">0</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>										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	27.9	19.6	27.9		1.7		3.5				Pilot in Command (PIC)											Time as Instructor											This Make/Model					1.0		2.5				Last 90 Days	27.9	19.6	27.9		1.7		3.5				Last 30 Days	8.7	6.3	8.7		0		.8				Last 24 Hours	1.1	1.1	1.1		0		0			
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	27.9	19.6	27.9		1.7		3.5																																																																																												
Pilot in Command (PIC)																																																																																																			
Time as Instructor																																																																																																			
This Make/Model					1.0		2.5																																																																																												
Last 90 Days	27.9	19.6	27.9		1.7		3.5																																																																																												
Last 30 Days	8.7	6.3	8.7		0		.8																																																																																												
Last 24 Hours	1.1	1.1	1.1		0		0																																																																																												

ADDITIONAL FLIGHT CREWMEMBERS (Exclusive of cabin crew, complete the following information)									
Crew Name and Address <u>N/A</u>					Seat Occupied		Injury		
First Name: _____		City of Residence: _____			☐ Left	☐ Front	☐ None		
Middle Initial: _____		State: _____ ZIP: _____			☐ Center	☐ Rear	☐ Minor		
Last Name: _____		Country: _____			☐ Right	☐ Single	☐ Serious		
					☐ Unknown	☐ Fatal			
					☐ Unknown		☐ Unknown		
Pilot Certificate(s) (Check all that apply)					Restraint Type:		Inflatable Restraints		
☐ None		☐ Flight Instructor		☐ Commercial	☐ US Military				
☐ Private		☐ Recreational		☐ Airline Transport	☐ Foreign				
☐ Student		☐ Sport		☐ Flight Engineer					
Type Rating/Endorsement for Accident/Incident Aircraft? ☐ Yes ☐ No				Total Flight Time at the Time of this Accident/Incident: _____ hrs		Available		Used	
						☐ None		☐ None	
						☐ Lap Only		☐ Lap Only	
						☐ 3-point		☐ 3-point	
						☐ 4-point		☐ 4-point	
						☐ 5-point		☐ 5-point	
						☐ Unknown		☐ Unknown	
								☐ Not Installed	
								☐ Installed	
								☐ Not Deployed	
								☐ Deployed	
								☐ Unknown	
Crew Name and Address					Seat Occupied		Injury		
First Name: _____		City of Residence: _____			☐ Left	☐ Front	☐ None		
Middle Initial: _____		State: _____ ZIP: _____			☐ Center	☐ Rear	☐ Minor		
Last Name: _____		Country: _____			☐ Right	☐ Single	☐ Serious		
					☐ Unknown	☐ Fatal			
					☐ Unknown		☐ Unknown		
Pilot Certificate(s) (Check all that apply)					Restraint Type:		Inflatable Restraints		
☐ None		☐ Flight Instructor		☐ Commercial	☐ US Military				
☐ Private		☐ Recreational		☐ Airline Transport	☐ Foreign				
☐ Student		☐ Sport		☐ Flight Engineer					
Type Rating/Endorsement for Accident/Incident Aircraft? ☐ Yes ☐ No				Total Flight Time at the Time of this Accident/Incident: _____ hrs		Available		Used	
						☐ None		☐ None	
						☐ Lap Only		☐ Lap Only	
						☐ 3-point		☐ 3-point	
						☐ 4-point		☐ 4-point	
						☐ 5-point		☐ 5-point	
						☐ Unknown		☐ Unknown	
								☐ Not Installed	
								☐ Installed	
								☐ Not Deployed	
								☐ Deployed	
								☐ Unknown	
PASSENGER(S) / OTHER PERSONNEL (Include cabin crew; continue on separate sheet if necessary)									
Name and Address <u>N/A</u>				Seat	Injury	Restraint Type		Inflatable Restraints	Age
First Name: _____		City: _____		☐ Left	☐ None	Available		☐ Not Installed	☐ Under 5 years
Middle Initial: _____		State: _____ ZIP: _____		☐ Center	☐ Minor	☐ Lap Only		☐ Installed	
Last Name: _____		Country: _____		☐ Right	☐ Serious	☐ 3-point		☐ Not Deployed	<i>If Under 5,</i>
				☐ Unknown	☐ Fatal	☐ 4-point		☐ Deployed	☐ Child Restraint
				Row: _____	☐ Unknown	☐ 5-point		☐ Unknown	☐ Lap-Held
☐ Crew		☐ Passenger				☐ Unknown			☐ Unknown
						☐ Unknown			
First Name: _____		City: _____		☐ Left	☐ None	Available		☐ Not Installed	☐ Under 5 years
Middle Initial: _____		State: _____ ZIP: _____		☐ Center	☐ Minor	☐ Lap Only		☐ Installed	
Last Name: _____		Country: _____		☐ Right	☐ Serious	☐ 3-point		☐ Not Deployed	<i>If Under 5,</i>
				☐ Unknown	☐ Fatal	☐ 4-point		☐ Deployed	☐ Child Restraint
				Row: _____	☐ Unknown	☐ 5-point		☐ Unknown	☐ Lap-Held
☐ Crew		☐ Passenger				☐ Unknown			☐ Unknown
						☐ Unknown			
First Name: _____		City: _____		☐ Left	☐ None	Available		☐ Not Installed	☐ Under 5 years
Middle Initial: _____		State: _____ ZIP: _____		☐ Center	☐ Minor	☐ Lap Only		☐ Installed	
Last Name: _____		Country: _____		☐ Right	☐ Serious	☐ 3-point		☐ Not Deployed	<i>If Under 5,</i>
				☐ Unknown	☐ Fatal	☐ 4-point		☐ Deployed	☐ Child Restraint
				Row: _____	☐ Unknown	☐ 5-point		☐ Unknown	☐ Lap-Held
☐ Crew		☐ Passenger				☐ Unknown			☐ Unknown
						☐ Unknown			
First Name: _____		City: _____		☐ Left	☐ None	Available		☐ Not Installed	☐ Under 5 years
Middle Initial: _____		State: _____ ZIP: _____		☐ Center	☐ Minor	☐ Lap Only		☐ Installed	
Last Name: _____		Country: _____		☐ Right	☐ Serious	☐ 3-point		☐ Not Deployed	<i>If Under 5,</i>
				☐ Unknown	☐ Fatal	☐ 4-point		☐ Deployed	☐ Child Restraint
				Row: _____	☐ Unknown	☐ 5-point		☐ Unknown	☐ Lap-Held
☐ Crew		☐ Passenger				☐ Unknown			☐ Unknown
						☐ Unknown			

FLIGHT ITINERARY INFORMATION																																
Last Departure Point Airport ID: <u>P08</u> City: <u>COOLIDGE</u> State: <u>AZ</u> Country: <u>USA</u>		Time of Departure Time: <u>12:10</u> Time Zone: <u>AZ MOUNTAIN STANDARD</u>		Destination Airport ID: <u>KAVA</u> City: <u>MARANA</u> State: <u>AZ</u> Country: <u>USA</u>																												
Type Flight Plan Filed ☒ None ☐ VFR/IFR ☐ Company VFR ☐ IFR ☐ Military VFR ☐ Unknown ☐ VFR Activated? ☐ Yes ☐ No ☐ Unknown																																
Type of ATC Clearance/Service (Check all that apply) ☒ None ☐ Special VFR ☐ Special IFR ☐ VFR Flight Following ☐ Cruise ☐ VFR ☐ IFR ☐ VFR On Top ☐ Traffic Advisory ☐ Unknown / NA																																
Airspace where the accident/incident occurred (Check all that apply) ☐ Class A ☒ Class G ☐ Military Operations Area (MOA) ☐ Special ☐ Class B ☐ Demo Area ☐ Airport Advisory Area ☐ Air Traffic Control Area ☐ Class C ☐ Warning Area ☐ Jet Training Area ☐ Unknown ☐ Class D ☐ Prohibited Area ☐ TRSA ☐ Class E ☐ Restricted Area ☐ FAR 93				Altitude of In-Flight Occurrence: <u>2040</u> ft msl																												
WEATHER INFORMATION AT THE ACCIDENT/INCIDENT SITE																																
Source of Pilot Weather Information (Check all that apply) ☒ National Weather Service ☐ Company ☐ Flight Service Station ☐ Military ☐ TV/Radio ☐ Internet ☒ Automated Report ☐ None ☐ Commercial Weather Service (DUATS) ☐ Unknown ☒ On-Board Weather			Weather Observation Facility Facility ID: <u>P08</u> Observation Time: <u>12:10</u> Time Zone: <u>AZ MST</u> Distance from Accident Site: <u>13.5</u> nm Direction from Accident Site: <u>166</u> degrees true																													
Basic Conditions ☒ VMC ☐ IMC ☐ Unknown		Light Condition ☐ Dawn ☐ Dusk ☐ Dark Night ☐ Unknown ☒ Day ☐ Night ☐ Bright Night																														
Sky/Lowest Cloud Condition ☒ Clear ☐ Thin Broken ☐ Few ☐ Thin Overcast ☐ Partial Obscuration ☐ Unknown ☐ Scattered Lowest Cloud Condition Height _____ ft agl		Ceiling ☒ None (Clear) ☐ Obscured ☐ Broken ☐ Indefinite ☐ Overcast ☐ Unknown Ceiling Height _____ ft agl		Temperature: <u>31</u> (C) or _____ (F) Dew Point: _____ (C) or _____ (F) Altimeter Setting: <u>29.88</u> in. Hg or _____ MB																												
Wind Direction ☒ Variable -or- Direction: _____ degrees true	Wind Speed ☐ Calm ☒ Light and Variable <u>04</u> -or- Speed: _____ kts	Wind Gusts ☒ Not Gusting -or- Speed: _____ kts	Visibility <u>6+</u> miles RVR: _____ feet RVV: _____ miles Density Altitude: <u>3234</u> ft																													
Intensity of Precipitation ☐ Light ☐ Moderate ☐ Heavy ☒ N/A ☐ Unknown		Type of Precipitation (Check all that apply) ☒ None ☐ Drizzle ☐ Freezing Rain ☐ Rain ☐ Ice Pellets ☐ Snow Shower ☐ Snow ☐ Snow Pellets ☐ Ice Pellets Shower ☐ Hail ☐ Snow Grains ☐ Freezing Drizzle ☐ Rain Showers ☐ Ice Crystals		Restriction to Visibility (Check all that apply) ☒ None ☐ Fog ☐ Blowing Dust ☐ Ground Fog ☐ Blowing Sand ☐ Haze ☐ Blowing Snow ☐ Ice Fog ☐ Blowing Spray ☐ Smoke ☐ Dust ☐ Unknown																												
Icing Forecast <table style="width: 100%;"> <tr> <th>Amount</th> <th>Type</th> </tr> <tr> <td>☒ None</td> <td>☐ N/A</td> </tr> <tr> <td>☐ Trace</td> <td>☐ Rime</td> </tr> <tr> <td>☐ Light</td> <td>☐ Clear</td> </tr> <tr> <td>☐ Moderate</td> <td>☐ Mixed</td> </tr> <tr> <td>☐ Severe</td> <td>☐ Unknown</td> </tr> <tr> <td>☐ Unknown</td> <td></td> </tr> </table>		Amount	Type	☒ None	☐ N/A	☐ Trace	☐ Rime	☐ Light	☐ Clear	☐ Moderate	☐ Mixed	☐ Severe	☐ Unknown	☐ Unknown		Icing Actual <table style="width: 100%;"> <tr> <th>Amount</th> <th>Type</th> </tr> <tr> <td>☒ None</td> <td>☐ N/A</td> </tr> <tr> <td>☐ Trace</td> <td>☐ Rime</td> </tr> <tr> <td>☐ Light</td> <td>☐ Clear</td> </tr> <tr> <td>☐ Moderate</td> <td>☐ Mixed</td> </tr> <tr> <td>☐ Severe</td> <td>☐ Unknown</td> </tr> <tr> <td>☐ Unknown</td> <td></td> </tr> </table>		Amount	Type	☒ None	☐ N/A	☐ Trace	☐ Rime	☐ Light	☐ Clear	☐ Moderate	☐ Mixed	☐ Severe	☐ Unknown	☐ Unknown		Turbulence Type (Check all that apply) ☒ None ☐ Clear Air ☐ Terrain-Induced ☐ Convective Turbulence Severity ☐ Light ☐ Moderate ☐ Severe ☐ Extreme
Amount	Type																															
☒ None	☐ N/A																															
☐ Trace	☐ Rime																															
☐ Light	☐ Clear																															
☐ Moderate	☐ Mixed																															
☐ Severe	☐ Unknown																															
☐ Unknown																																
Amount	Type																															
☒ None	☐ N/A																															
☐ Trace	☐ Rime																															
☐ Light	☐ Clear																															
☐ Moderate	☐ Mixed																															
☐ Severe	☐ Unknown																															
☐ Unknown																																
NOTAMS (D and FDC), AIRMETs, SIGMETs, PIREPs in effect at the time of the accident/incident: <u>NONE</u>																																

DAMAGE TO AIRCRAFT AND OTHER PROPERTY

Aircraft Damage

- ☐ None
- ☒ Substantial
- ☐ Minor
- ☐ Destroyed
- ☐ Unknown

Aircraft Fire

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

Aircraft Explosion

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

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

NO DAMAGE TO OTHER PROPERTY
 BOTH WINGS DAMAGED, ENGINE DAMAGE, MAGNETO DETACHED, CRACK IN ENGINE CAUSING OIL TO DRAIN + SPRAY EVERYWHERE
 LEFT + NOSE LANDING GEAR BROKE + COLLAPSED.
 FUSELAGE + POWER PLANT DAMAGED.

NARRATIVE HISTORY OF FLIGHT (Please type or print in Ink)

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

DEPARTED KFFZ AROUND 11:30 AM ON 4/19/2024 VFR FLIGHT DUAL XC TO P08 FULL STOP TAXI BACK THEN INTENDED TO LAND AT MARANA (KAVG).

WE CLIMBED TO 4500 WHEN WE DEPARTED KFFZ. WE FLEW OVER VPEN CHECKPOINT THEN TO P08. WE ENTERED RIGHT DOWNWIND FOR RWY 23. AFTER LANDING AND FULL STOP TAXI BACK. WE THEN DEPARTED AROUND 12:10 PM TO THE SE.

AS WE APPROACHED THE NORTH SIDE OF NEWMAN PEAK, THE ENGINE RAN ROUGH, THEN MADE GRINDING NOISE WHILE WE WERE AT 4500 FEET MSL. THEN THE ENGINE FULLY SEIZED FROZEN AND COMPLETELY TURNED OFF WITH NO WINDMILLING PROPELLER.

I TRIED RUNNING ENGINE RESTART CHECKLIST AND IMMEDIATELY DIDN'T SUCCEED. THE MAGNETO'S WEREN'T TRYING TO TURNOVER, SO I PREPARED FOR A FORCED LANDING.

I PUT IN 1215 CALLED FOR MAYDAY, GAVE MY POSITION, TURNED ON ELT.

I TRIED TREATING THE DIRT ROAD LIKE A TRAFFIC PATTERN. ^(EXTENDED FLARE) KONGCE I GOT LOWER THE ROAD AND TERRAIN LOOKED WORSE THEN I ABANDONED THE WORST ROAD CHOICE TURNING SLIGHTLY LEFT FOR FLATTER TERRAIN. WE LANDED ROUGH BECAUSE OF SMALL WASHES. BUT NEITHER OF US SUSTAINED ANY INJURIES OR MADE HARD CONTACT

WITH ANYTHING. I OPENED THE DOOR AND WE EXITED SAFELY WITH NO INJURIES.

ALSO, WE WERE JUST IN STRAIGHT AND LEVEL FLIGHT WHEN THIS OCCURED. AS SOON AS IT RAN ROUGH I TRIED CLIMBING TO GAIN EXTRA ALTITUDE BUT THE ENGINE QUICKLY WENT OUT + SEIZED UP.

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.)

STRAIGHT + LEVEL FLIGHT. GRINDING/ROUGH ENGINE. PROPELLER FROZE + LOCKED UP. SEIZED.

ENGINE-TEXTRON LYCOMING - 02360-AYA SN-L-22304-36A

Total Time/Cycles
On Part

10311 Hours

Cycles

Time Since This Part
Inspected/Overhauled

2250.1 Hours

LAST
OVERHAUL**FUEL & SERVICES INFORMATION**Fuel on Board at Last Takeoff
(Convert from pounds, as necessary)

27 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 NONE OTHER THAN STANDARD OIL TOP OFF AND FUEL FILLED TO TABS.

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

NO DAMAGE TO MAIN DOOR AND I OPENED IT AND WE BOTH EXITED IN NORMAL FASHION

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

04/23/2024
mm/dd/yyyy

Name of Pilot/Operator: AUSTIN KOEPFER

Signature: [REDACTED]

-- 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.

ANC24LA027

Reviewed by NTSB Regional Office

AS-ANC

Name of Investigator

S.Joyce

Date Report Received

04/24/2024