

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

Nearest City/Place: Placerville State: CA
ZIP: 95667 Country: _____
Latitude: 38.72 N Longitude: 120.75 W
(Enter in decimal degrees or degrees:minutes:seconds)

Accident/Incident Date/Time

Date: 12/19/2024 Local Time: 16:20
mm/dd/yyyy HH:MM
Time Zone: Pacific

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

AIRCRAFT INFORMATION

Registration Number: N29247

Manufacturer: Piper

Model: PA28RT-201T

Serial Number: 28R-7931195

Year of Manufacture: 1979

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

Make: _____

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

Maximum Gross Weight: 2,900 lbs.

Weight at Time of Accident/Incident: 2,100 lbs.

Number of Seats: 4 Flight Crew Seats: 1

Cabin Crew Seats: 0 Passenger Seats: 3

Number of Engines: 1

Category of Aircraft
(Select one)

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

Type of Airworthiness Certificate
(Check all that apply)**Standard**

- ☒ Normal
☐ Aerobatic
☐ Balloon
☐ Commuter
☐ Transport
☐ Utility

Special

- ☐ Restricted
☐ Limited
☐ Provisional
☐ Special Flight
☐ Experimental
☐ Special Light-Sport
☐ Experimental Light-Sport

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

Landing Gear

(Check all that apply)

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

Engine Type (Select one)

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

Fuel System Type (Reciprocating)

- ☐ Carburetor ☒ Fuel Injected

Engine	Engine Manufacturer	Engine Model/Series	Engine 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	Continental	TSIO-360	281065-R	05/22/91	200	1875	8.78	1875
Eng. 2								
Eng. 3								
Eng. 4								

Last Inspection Type

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

Date of Last Inspection: 01/02/2024

mm/dd/yyyy

Airframe Total Time: 4380.4 hrs

Hours measured at (Select one)

☐ Last Inspection ☒ Time of Accident/Incident

Type of Maintenance Program (Select One)

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

Description of Fire Extinguishing System

- ☒ None
☐ Specify: _____

Additional Equipment

- ☒ ADS-B
☐ Airframe Parachute
☐ Angle of Attack Indicator
☐ Autopilot
☒ Autopilot/FMS, Model Altima3C
☐ Coupled Flight Director
☐ Data Recorder
☐ Device Stall Warning System
☒ Electronic Flight Bag or Handheld Device
☐ Electronic Multifunction Display
☐ Electronic Primary Flight Display
☐ Flight Management System

- ☒ Handheld GPS
☐ Heads Up Display
☐ Night Vision Goggles
☐ Onboard Weather
☐ Primary Flight Display
☐ SAS, Number of Axes: _____ Model: _____
☐ Satellite Tracking Device
☒ Stall Warning System
☐ Video Recording Device
☐ Wire Strike Detection
☐ Wire Strike Protection
☐ Other, Specify: _____

ELT Installed: ☒ Yes ☐ No If Yes:

ELT Manufacturer: JPI OAT

Model or Part No.: ELT-101-A

TSO No.: ☐ C91 (121.5 MHz) ☐ C91a (121.5 MHz)
☐ C126 (406 MHz)

Was ELT still mounted in aircraft? ☒ Yes ☐ No

Was ELT still connected to antenna? ☒ Yes ☐ No

Did ELT activate? ☒ Yes ☐ No

If activated: Did ELT aid in locating aircraft? ☐ Yes ☒ No

If not activated: Indicate Reason: ☐ Impact Damage

☐ Fire Damage ☐ Battery Expired/Damaged ☐ Unknown

Propeller 1

- ☐ Fixed Pitch
☒ Controllable Pitch
☐ Ground Adjustable

Manufacturer: Hartzell

Model: PHC C3YF-1RF/F7063-4T

Propeller 2

- ☐ Fixed Pitch
☐ Controllable Pitch
☐ Ground Adjustable

Manufacturer: _____

Model: _____

OWNER/OPERATOR INFORMATION**Registered Aircraft Owner**Name: SARGEANT, MICHAEL CCity: Pollock PinesState: CAZIP: 95726 Country: USA**Fractional Ownership Aircraft:**☒ Yes☐ No**Operator of Aircraft**☒ The Operator is also the Registered Owner☒ Same address as Registered Owner

Name: _____

Doing Business As: _____

City: _____ State: _____

Air Carrier/Operator Designator (4-character code): _____

ZIP: _____ 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 450
- ☐ FAR 91 Special Flight
- ☐ Non-US, Commercial
- ☐ Non-US, Non-commercial

☐ Public Aircraft (Select one)

- ☐ Armed Forces
- ☐ Federal
- ☐ State
- ☐ Local

☐ Unknown**Revenue Operation for FAR 121, 125, 129, 135**

(Select one for each group)

- ☐ Scheduled or Commuter ☐ Domestic
- ☐ Non-Scheduled or Air Taxi ☐ International
- ☐ Passenger
- ☐ Cargo
- ☐ Mail Contract Only

Purpose of Flight for FAR 91, 103, 133, 137 (Select one)

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

Revenue Sightseeing Flight☐ Yes ☒ No**Air Medical Flight**☐ Yes ☒ No**AIRPORT INFORMATION (Fill in if accident/incident occurred on approach, landing, takeoff, departure, or within 3 miles of an airport)**Airport Name: PlacervilleAirport Identifier: KPVFProximity to Airport: ☐ Off Airport/Airstrip ☒ On Airport/Airstrip ☐ N/A

Distance From Airport Center: _____ sm.

Direction From Airport: _____ degrees true

Airport Elevation: 2,586 ft. MSL**Runway Information**Runway ID: 05 Length: 3,914 ft. Width: 76 ft.**Runway/Landing Surface (Check all that apply)**

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

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

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

Approach/Departure Segment (Select one)

- ☐ Taxi ☐ VFR Departure ☐ On Instrument Approach ☐ Downwind ☐ Low Approach
- ☐ Takeoff ☐ IFR Departure Procedure/Clearance ☒ Landing ☐ Base ☐ Go Around
- ☐ Initial Climb ☐ Final ☐ Crosswind ☐ 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 ☐ Unknown
- ☐ VOR/DME ☐ Localizer Only ☐ Visual ☐ Contact
- ☐ TACAN ☐ LOC-back course ☐ Circling
- ☐ RNAV

VFR Approach (Check all that apply)

- ☐ None
- ☒ Traffic Pattern
- ☐ Straight-In
- ☐ Valley/Terrain Following
- ☐ Go Around
- ☒ Full Stop
- ☐ Stop and Go
- ☐ Touch and Go
- ☐ Simulated Forced Landing
- ☐ Forced Landing
- ☐ Precautionary Landing
- ☐ Unknown

"FLIGHT CREWMEMBER 1" INFORMATION**"Flight Crewmember 1" Responsibilities at the Time of Accident/Incident**

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

"Flight Crewmember 1" was pilot flying ☒ Yes ☐ No

"Flight Crewmember 1" Identification

First Name: Michael

City of Residence: Pollock Pines

Middle Initial: C

State: CA ZIP: 95726

Last Name: Sargeant

Country: USA

Age at time of Accident/Incident: 70

Date of Birth: 954 (mm/dd/yyyy)

Certificate Number:

Degree of Injury

☒ None ☐ Serious
☐ Unknown ☐ Fatal
☐ Minor

Seat Occupied

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

Restraint Type**Available**

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

Used

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

Inflatable Restraints

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

Pilot Certificate(s) (Check all that apply)

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

Supplemental Restraint, specify:

Principal Occupation

☐ Pilot
☒ Other
☐ Unknown

Medical Certificate

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

Medical Certificate Validity

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

Date of Last Medical

03/28/2024
 mm/dd/yyyy

Medical Certificate Limitations

Must use corrective lens(es) to meet vision standards at all required distances.

Medical Certificate Special Limitations

None

Personal Flight Equipment (Check all that apply)

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

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

03/25/2023
 mm/dd/yyyy

Flight Review Aircraft

Make: Cessna

Model: 172

Airplane Rating(s)

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

Other Aircraft Rating(s)

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

Instrument Rating(s)

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

Instructor Rating(s)

(Check all that apply)

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

Type Ratings and Applicable Logbook Endorsements

None

Student Endorsements (Include dates)

None

Flight Time (Enter hours for each box)

	All Aircraft	This Make & Model	Airplane Single Engine	Airplane Multiengine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air	Multi-engine Rotorcraft	Tail-wheel
						Actual	Simulated					
Total Time	1505.7	29.3	1165.2	340.5	133.9	38.3	44.1	0	18.5	0	0	18.5
Pilot in Command (PIC)	1317.5	28.0	1354.3	330.0	130.0	35.1	15.0	0	14.3	0	0	12.0
Time as Instructor	473.6	6.1	473.6	0	45.2	0	0	0	0	0	0	0
This Make/Model					0	0	0					
Last 90 Days	0.8	0.8	0.8	0	0	0	0	0	0	0	0	0
Last 30 Days	0.8	0.8	0.8	0	0	0	0	0	0	0	0	0
Last 24 Hours	0	0	0	0	0	0	0	0	0	0	0	0

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

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

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

"Flight Crewmember 2" Identification

First Name: _____

City of Residence: _____

Middle Initial: _____

State: _____ ZIP: _____

Last Name: _____

Country: _____

Age at time of Accident/Incident: _____

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

Certificate Number: _____

Degree of Injury

☐ None ☐ Serious
☐ Unknown ☐ Fatal
☐ Minor

Seat Occupied

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

Restraint Type**Available**

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

Used

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

Inflatable Restraints

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

Pilot Certificate(s) (Check all that apply)

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

Supplemental Restraint, specify: _____

Principal Occupation

☐ Pilot
☐ Other
☐ Unknown

Medical Certificate

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

Medical Certificate Validity

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

Date of Last Medical

mm/dd/yyyy

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

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

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

mm/dd/yyyy

Flight Review Aircraft

Make: _____

Model: _____

Airplane Rating(s)

(Check all that apply)

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

Other Aircraft Rating(s)

(Check all that apply)

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

Instrument Rating(s)

(Check all that apply)

☐ None
☐ Airplane
☐ Helicopter
☐ Powered Lift

Instructor Rating(s)

(Check all that apply)

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

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

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

ADDITIONAL FLIGHT CREWMEMBERS (Exclusive of cabin crew, complete the following information.)**Additional Crewmember Information**

First Name: _____ City of Residence: _____
 Middle Initial: _____ State: _____ Zip: _____
 Last Name: _____ Country: _____

Seat Occupied

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

Injury

☐ None
☐ Minor
☐ Serious
☐ Fatal
☐ Unknown

Personal Flight Equipment (Check all that apply)

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

Pilot Certificate(s) (Check all that apply)

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

Restraint Type

Available
☐ None
☐ Lap Only
☐ 3-point
☐ 4-point
☐ 5-point
☐ Unknown
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.

Supplemental Restraint, specify: _____

Additional Crewmember Information

First Name: _____ City of Residence: _____
 Middle Initial: _____ State: _____ Zip: _____
 Last Name: _____ Country: _____

Seat Occupied

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

Injury

☐ None
☐ Minor
☐ Serious
☐ Fatal
☐ Unknown

Personal Flight Equipment (Check all that apply)

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

Pilot Certificate(s) (Check all that apply)

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

Restraint Type

Available
☐ None
☐ Lap Only
☐ 3-point
☐ 4-point
☐ 5-point
☐ Unknown
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.

Supplemental Restraint, specify: _____

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

Number of Passengers 0

Passenger Information**Seat****Injury****Restraint Type****Inflatable Restraints****Age**

First Name: _____ City: _____
 Middle Initial: _____ State: _____ Zip: _____
 Last name: _____ Country: _____

☐ Crew ☐ Passenger ☐ Other

Row: _____

Personal Flight Equipment (Check all that apply)

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

☐ Left
☐ Center
☐ Right
☐ Unknown

☐ 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

Supplemental Restraint, specify: _____

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

☐ Under 5 years
 If under 5 years,
☐ Child
☐ Restraint
☐ Lap-Held
☐ Unknown

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

FLIGHT ITINERARY INFORMATION

Last Departure Point Airport ID: <u>KPVF</u> City: <u>Placerville</u> State: <u>CA</u> Country: <u>USA</u>	Time of Departure Time: <u>15:30</u> HH:MM Time Zone: <u>Pac. Fic</u>	Flight Information Flight Number: _____ Operating as Flight _____	Destination Airport ID: <u>KPVF</u> City: <u>Placerville</u> State: <u>CA</u> Country: <u>USA</u>	Type Flight Plan Filed ☒ None ☐ VFR/IFR ☐ Company ☐ IFR VFR ☐ Unknown ☐ Military ☐ VFR ☐ VFR Activated? ☐ Yes ☒ No ☐ Unknown
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Type of ATC Clearance/Service (Check all that apply)

- ☐ Certificate of Authorization ☐ Special VFR ☐ Special IFR ☐ VFR Flight Following ☐ Cruise
☐ VFR ☐ IFR ☐ VFR On Top ☐ Traffic Advisory ☐ Unknown / NA
☒ None

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: _____ 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
☒ Electronic Flight Bag-Application: ☐ Unknown

☐ On-Board Weather**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

Lowest Cloud Condition

Height _____ ft. AGL

Light Condition

- ☐ Dawn ☒ Dusk ☐ Dark Night ☐ Unknown
☐ Day ☐ Night ☐ Bright Night

Sky/Lowest Cloud Condition

- ☒ Clear ☐ Thin Broken
☐ Few ☐ Thin Overcast
☐ Partial ☐ Unknown
☐ Obscuration
☐ Scattered

Ceiling

- ☒ None (Clear)
☐ Broken
☐ Overcast
☐ Obscured
☐ Indefinite
☐ Unknown

Ceiling Height

_____ ft. AGL

Temperature: 9 _____ (°C) or _____ (°F)

Dewpoint: 4 _____ (°C) or _____ (°F)

Altimeter Setting:

30.2 (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

10 _____ miles
 RVR: _____ feet
 RVV: _____ miles
 Density Altitude: 2300 _____ ft.

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

- | Amount | Type |
|---------------------------------------|-------------------------------|
| ☒ None | ☐ N/A |
| ☐ Trace | ☐ Rime |
| ☐ Light | ☐ Clear |
| ☐ Moderate | ☐ Mixed |
| ☐ Severe | ☐ Unknown |
| ☐ Unknown | |

Intensity of Precipitation

- ☐ Light
☐ Moderate
☐ Heavy
☒ N/A
☐ Unknown

Icing Actual

- | Amount | Type |
|---------------------------------------|-------------------------------|
| ☒ None | ☐ N/A |
| ☐ Trace | ☐ Rime |
| ☐ Light | ☐ Clear |
| ☐ Moderate | ☐ Mixed |
| ☐ Severe | ☐ Unknown |
| ☐ Unknown | |

Turbulence (Check all that apply)

- | Type | Severity |
|--|-----------------------------------|
| ☒ None | ☐ Light |
| ☐ Clean Air | ☐ Moderate |
| ☐ Terrain-Induced | ☐ Severe |
| ☐ Convective | ☐ Extreme |
| Turbulence | |

NOTAMs (D and FDC), AIRMETs, SIGMETs, PIREPs in effect at the time of the accident/incident:

None

DAMAGE TO AIRCRAFT AND OTHER PROPERTY**Aircraft Damage**

- ☐ None
☐ Minor
☒ Substantial
☐ Destroyed
☐ Unknown

Aircraft Fire

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

Aircraft Explosion

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

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

Only damage to aircraft. Right main gear strut and attached wheel and right main gear door separated from aircraft, probably on first contact with dirt berm at approach end of runway 05. Remaining gear struts collapsed, both wings buckled along wing spars, propeller ground strike curling all 3 propeller blades. Probable internal engine damage from sudden stop with prop strike. All landing gear and belly of aircraft fuselage along with all belly mounted antennas from aircraft sliding on asphalt runway. Damage to both wing flaps (and probably flap mechanism) and burn wing ailerons. Passenger step bent upward. Landing gear folded under aircraft, fuselage belly and antenna damage from sliding on asphalt runway while coming to a stop. Fuselage tail cone broken into pieces by person assisting to remove

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.

This flight began at around 15:30 with the objective of conducting 3 take offs and landings in daylight for the 90 day currency requirement of the FAR to subsequently carry passengers. Although the windsock and AWOS indicated calm, winds, the wind T indicated runway 05 as the active. This was fine as takeoffs and landings would not be into the sun. The flight was from Placerville Airport, remaining in the right hand pattern, each landing to a full stop and taxi back on the parallel taxi way. The first two pattern flights were normal in all respects. The only other traffic was a sheriff's helicopter taking off a long runway 05 and departing to the north east. This was after my second takeoff and I while I was down wind on my third circuit. On my 3rd circuit, takeoff was normal. On this circuit I decided to keep the gear down all the way around the pattern, as previously, I easily reached climb speed and attained pattern altitude before turning downwind. This was also true on this third circuit, even with the gear remaining extended. I was stable at 90 knots and at pattern altitude of 3,400 feet with 33 inches of manifold pressure and about 2400 RPM. When on downwind abeam the numbers I extended my flaps one notch (to 15 degrees), reduced power to give me about 1700 RPM with the prop control still full forward, beginning my decent from pattern altitude. When I turned to base leg, I added the second notch of flap (to 25 degrees) I reduced RPM to 1500 by reducing the throttle and leaving the prop control to full forward, resulting in a airspeed of 80 knots. At about 1/4 mile from the threshold line of runway 05 which was beyond my the displaced threshold of this runway, I observed the VASI lights as being white over white. This indicated to me that I was above the 3% approach glide slope. I applied the third notch of flaps (to 40 degrees), knowing that this would increase my rate of decent enabling me to re-intercept the glide slope, increase the drag thus slowing the aircraft (which it did to 75 knots), and enabling me to touch down at the slowest speed and therefore shortening my ground roll. My airspeed was at 75 knots and I was on the center line of the runway. As the approached progressed I felt that we were descending a little too low, so I applied power and arrested my decent. I expected to enter ground effect over the displaced threshold, lose airspeed while airborne over that threshold and settle and flare just past the white threshold line. I performed my "GUMP" check, and confirmed that I was on the fullest tank, the under carriage down and locked (3 green lights), the mixture was full rich, and the prop control was full forward. This check was at about where a fence would be around an airport, but for this runway, there is a 300-400 foot near vertical drop from what I thought was the edge of the runway. As I started my round out to fly parallel above the displaced threshold, and then settle and performing the flare to touch down beyond the white threshold line, I felt and heard a loud bang, like a hard landing, but more so. I continued as the aircraft handled as before. I thought that I might have contacted the displaced threshold early, but that didn't make sense, as it looked like I was still some 5-6 feet above the asphalt of the displaced threshold. So, I continued to fly the airplane, and rounded out. I made contact with the runway at about the threshold line, as I saw and heard the prop blades curreled back and the engine stopped. I next realized that the belly of the aircraft was skidding on the runway. As I was still moving, I kicked full right rudder to steer the aircraft onto the dirt along the asphalt runway, between two landing lights. The aircraft came to rest with about 15 feet of the left wing overhanging the runway. Neither wing tip nor the tail came in contact with the runway. I shut off the electrical master switch, turned the magneto switch to off and removed the key, and turned the fuel selector to off, just in case I had ruptured a fuel tank, or had fuel present. I then exited the cockpit thru the main cabin door on the right. I did not touch any other switches or instrument. I got away from the aircraft and signaled and shouted to responders coming to my aid that I was OK and by myself. I took photos with my phone. The sherif showed up right away and secured the scene. (continued on page 10)

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

Looking back on this incident, this mishap could have been prevented by:

- 1). Not adding the third notch (40 degrees) of flap when I did. But that would mean, ignoring the VASI (white over white) indication; which we are trained to not disregard. This would also increase the touchdown, speed and ground rollout distance. The landing configuration for this aircraft is to configure for full flap landings.
- 2). Adding enough power and/or sooner to arrest the descent rate increase and extend the touchdown point further down the runway beyond the white threshold line. There was adequate rollout distance on this particular flight. This would not necessarily be true for another runway or higher density altitude at a later date.
- 3). Being aware of this elevated berm at the edge of the runway as being above the runway elevation, or reducing the excess height of the burn to no more than the height of the runway threshold elevation/landing area. Possibly note this berm on approach information for this runway.

MECHANICAL MALFUNCTION/FAILURE (If more space is needed, continue on a separate sheet.)Was there Mechanical Malfunction/Failure? ☐ Yes ☒ No

(If yes, list the name of the part, manufacturer, part no., serial no., and describe the failure.)

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)

52 Gallons

Fuel Type

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

Other Services, if any, prior to departure:

Inflated all tires to prescribed air pressures. 27 psi in nose tire and 30 psi in the main tires. Added fuel to the 20 gallons on board to bring

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:

The sole occupant (pilot) evacuated through main door after ensuring electrical master switch off, magneto off and key removed and fuel selector to off. Retreated to location, indicated by sheriff until site was released.

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☐ Substantial☐ Minor☒ None

Registered Owner of Other Aircraft

Pilot of Other Aircraft

Name: _____

Name: _____

City: _____

City: _____

State: _____ ZIP: _____

State: _____ ZIP: _____

Country: _____

Country: _____

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

Continued narrative history of flight from page 8:

It was not until the next day that I went back to look at the impact area.

It was dark before the NTSB and the sheriff released the crash site and wreckage could be removed.

The sheriff informed me that he had found three indentations on a dirt berm at the edge of the drop off that proceeded the runway.

This confirmed that the gear was down and locked before contact. He further told me that a wheel was found between where the aircraft came to rest and the impact point. The next day (20 December 2024) I talked to a gentleman name, Keith, who was on the airport staff and was there the day of the crash. He showed me the impact ground, and where the wheel still attached to the gear, apparently torn off the aircraft and came to arrest at the "B" Taxi sign box at the base of a Taxi light on the left side of the runway. The left gear strut and wheel were under the wing. (Flat under) And the nose gear was up under in the nose gear wheel well. The nose gear doors were open. The right gear (main). The right gear, the main, and the wheel, both together as normal was found where Keith had shown me. The main wheels appear to have struck the Earth and burn almost 18 inches to 2 feet from the top of the berm and the nose wheel about 6 inches from the top of berm. The right wheel indentation was just above a white rock embedded in the dirt. The berm height appears to me to be about 3 to 4 feet above the runway about 20 to 30 yards before the edge of the beginning of the runway. I do not recall noting this on my approach nor was I aware of it until the next day when I went to look and photograph the site I can only surmise at the right main with wheel were shared from the aircraft when it contacted the berm and the left main in the nose gear may have been damaged from the contact or just collapsed when the aircraft settled on the runway, without the main gear being in place.

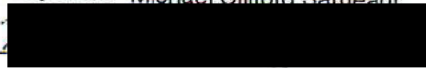
I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS COMPLETE AND ACCURATE TO THE BEST OF MY KNOWLEDGE.
I understand that the information provided may be subject to public release.

Date of this report:

12/27/2024

mm/dd/yyyy

Name of Pilot/Operator: Michael Clifford Sargeant

Signature: -or- ☐ Check here to electronically sign this document

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

Name: _____

Title: _____

Signature: _____

-or- ☐ Check here to electronically sign this document

FOR NTSB USE ONLY

NTSB Accident/Incident No.

WPR25LA066

Reviewed by NTSB AS Division

AS-WPR

Name of Investigator

Andrew Swick

Date Report Received

12/27/2024