

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: Goldsey State: OK
ZIP: 73093 Country: Mexico USA
Latitude: 35-09-18.2430 N Longitude: 097-28-13.4180 W
(Enter in decimal degrees or degrees:minutes:seconds)

Accident/Incident Date/Time

Date: 4/8/2023 Local Time: 1830hrs
mm/dd/yyyy Time Zone: Central

Collision with Other Aircraft: Midair On-ground None

AIRCRAFT INFORMATION

Registration Number: N48PS

Manufacturer: VANS

Model: RV6A

Serial Number: 25349

Year of Manufacture: 2017

Amateur-Built: Yes If Yes: Kit/Plane Make: Vans
No Original Design

IFR-Equipped and Certified
Commercial Space Flight
Unmanned Aircraft

Maximum Gross Weight: 1650 lbs

Weight at Time of Accident/Incident: ~1450 lbs

Number of Seats: 2 Flight Crew Seats: 1

Cabin Crew Seats: Passenger Seats: 1

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 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)

Tricycle Retractable 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	<u>Superior</u>	<u>XP-0-360-BIC2</u>	<u>05708</u>		<u>180 hp</u>	<u>219</u>	<u>~8</u> <u>~219</u>
Eng. 2							
Eng. 3							
Eng. 4							

Last Inspection Type

100-Hour Continuous Airworthiness
AAIP Conditional Inspection
Annual Unknown

Date Last Inspection: 8/17/2022
mm/dd/yyyy

Airframe Total Time: ~219 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:

Propeller 1

Fixed Pitch
Controllable Pitch
Ground Adjustable

Manufacturer: Hartzell

Model: HC-C24R-1BFP/F7447-2

ELT Installed: Yes No

If Yes:

ELT Manufacturer: ARTEX

Model or Part No.: 345

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: N/A

Indicate Reason:

Impact Damage
Fire Damage
Battery Expired/Damaged
Unknown

Propeller 2

Fixed Pitch
Controllable Pitch
Ground Adjustable

Manufacturer:

Model:

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: Kenneth Prouman

City: NEWCASTLE

State: OK ZIP: 73065

Fractional Ownership Aircraft: Yes ☐ No ☒

Country: USA

Operator of Aircraft

Same As Registered Owner

Same Address as Registered Owner

Name: _____

City: _____

Doing Business As: _____

State: _____ ZIP: _____

Air Carrier/Operator Designator (4 Character Code): _____

Country: _____

Operating Certificates Held

(Check all that apply)

☒ None

Flag Carrier Operating Certificate (FAR 121)

Supplemental

Air Cargo

Foreign Air Carriers (FAR 129)

Rotorcraft External Load (FAR 133)

Commuter Air Carrier (FAR 135)

On-Demand Air Taxi (FAR 135)

Commercial Air Tour (FAR 136)

Agricultural Aircraft (FAR 137)

Pilot School (FAR 141)

Certificate of Authorization or Waiver (COA)

Commercial Space Transportation

Experimental Permit

Commercial Space Transportation License

Other Operator of Large Aircraft

Regulation Flight Conducted Under

☒ FAR 9

FAR 129

FAR 415

FAR 103

FAR 133

FAR 431

FAR 121

FAR 135

FAR 435

FAR 125

FAR 137

FAR 437

FAR 91 Special Flight

Non-US, Commercial

Non-US, Non-commercial

Public Aircraft (Select one)

Armed Forces

Federal

State

Local

Unknown

Revenue Operation for FAR 121, 125, 129, 135

(Select one for each group)

Scheduled or Commuter

Domestic

Non-Scheduled or Air Taxi

International

Passenger

Cargo

Mail Contract Only

Purpose of Flight for FAR 91, 103, 133, 137

(Select one)

Aerial Application

Firefighting

Unknown

Aerial Observation

Flight Test

Air Drop

Glider Tow

Air Race/Show

Instructional

Banner Tow

Other Work Use

Business

Personal

Executive/Corporate

Positioning

External Load

Skydiving

Ferry

Revenue Sightseeing 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: 1K4 - DAVID J PERRY

Distance From Airport Center: _____ sm

Airport Identifier: 1K4

Direction From Airport: _____ degrees true

Proximity to Airport: Off Airport/Airstrip ☐ On Airport/Airstrip ☒ N/A

Airport Elevation: _____ ft. msl

Runway Information

Runway ID: 13 (L/R/C) Length: 3004 ft Width: 60 ft

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

☒ Dry

Snow-Compacted

Water-Calm

Holes

Snow-Crusted

Water-Choppy

Ice Covered

Snow-Dry

Water-Glassy

Rough

Snow-Wet

Wet

Rubber Deposits

Soft

Slush-Covered

Vegetation

Unknown

Runway/Landing Surface (Check all that apply)

☒ Asphalt

Grass/Turf

Macadam

Water

☒ Concrete

Gravel

Metal/Wood

Dirt

Ice

Snow

Unknown

Approach/Departure Segment (Select one)

Taxi

VFR Departure

On Instrument Approach

Downwind

Low Approach

☒ Takeoff

IFR Departure Procedure/Clearance

Landing

Base

Go Around

Initial Climb

Final

Aborted Landing (after touchdown)

Crosswind

Unknown

IFR Approach (Check all that apply)

☒ None

ADF/NDB

PAR

MLS

Practice

SDF

Sidestep

LDA

GPS

VOR/TVOR

ILS

ASR

VOR/DME

Localizer Only

Visual

TACAN

LOC-back course

Contact

RNAV

Circling

Unknown

VFR Approach (Check all that apply)

☒ None

Traffic Pattern

Stop and Go

Straight-In

Touch and Go

Valley/Terrain Following

Simulated Forced Landing

Go Around

Forced Landing

Full Stop

Precautionary Landing

Unknown

"FLIGHT CREWMEMBER 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>Kenneth</u> Middle Initial: <u>R</u> Last Name: <u>Pittman</u> City of Residence: <u>Newcastle</u> State: <u>OK</u> ZIP: <u>73065</u> Country: <u>USA</u> Age at time of Accident/Incident: <u>44</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			Date of Last Medical <u>5/20/2022</u> mm/dd/yyyy																																																																																												
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Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks: <u>4/29/2022</u> mm/dd/yyyy					Flight Review Aircraft Make: <u>Flight Safety International</u> # <u>1533</u> Model: <u>AS350B3</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 ☐ Glider ☐ Sport																																																																																														
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"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: _____ Middle Initial: _____ Last Name: _____ City of Residence: _____ State: _____ ZIP: _____ Country: _____ Age at time of Accident/Incident: _____ Date of Birth: _____ mm/dd/yyyy Certificate Number: _____																																																																																																				
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ADDITIONAL FLIGHT CREWMEMBERS (Exclusive of cabin crew, complete the following information)									
Crew Name and Address					Seat Occupied		Injury		
First Name: _____ City of Residence: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____					Left Front Center Rear Right Single Unknown		None Minor Serious Fatal Unknown		
Pilot Certificate(s) (Check all that apply) None Flight Instructor Commercial US Military Private Recreational Airline Transport Foreign Student Sport Flight Engineer					Restraint Type: Available Used None None Lap Only Lap Only 3-point 3-point 4-point 4-point 5-point 5-point Unknown Unknown		Inflatable Restraints Not Installed Installed Not Deployed Deployed Unknown		
Type Rating/Endorsement for Accident/Incident Aircraft? Yes No			Total Flight Time at the Time of this Accident/Incident: _____ hrs						
Crew Name and Address					Seat Occupied		Injury		
First Name: _____ City of Residence: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____					Left Front Center Rear Right Single Unknown		None Minor Serious Fatal Unknown		
Pilot Certificate(s) (Check all that apply) None Flight Instructor Commercial US Military Private Recreational Airline Transport Foreign Student Sport Flight Engineer					Restraint Type: Available Used None None Lap Only Lap Only 3-point 3-point 4-point 4-point 5-point 5-point Unknown Unknown		Inflatable Restraints Not Installed Installed Not Deployed Deployed Unknown		
Type Rating/Endorsement for Accident/Incident Aircraft? Yes No			Total Flight Time at the Time of this Accident/Incident: _____ hrs						
PASSENGER(S) / OTHER PERSONNEL (Include cabin crew; continue on separate sheet if necessary)									
Name and Address			Seat	Injury	Restraint Type		Inflatable Restraints	Age	
First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____ Crew Passenger Other			Left Center Right Unknown Row: _____	None Minor Serious Fatal Unknown	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	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 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	Under 5 years If Under 5, Child Restraint Lap-Held Unknown	
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First Name: _____ City: _____ Middle Initial: _____ State: _____ ZIP: _____ Last Name: _____ Country: _____ Crew Passenger Other			Left Center Right Unknown Row: _____	None Minor Serious Fatal Unknown	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	Under 5 years If Under 5, Child Restraint Lap-Held Unknown	

FLIGHT ITINERARY INFORMATION				
Last Departure Point Airport ID: <u>IKY</u> City: <u>Goldsby</u> State: <u>OK</u> Country: <u>USA</u>	Time of Departure Time: <u>1830</u> Time Zone: <u>Central</u>	Destination Airport ID: <u>IKY</u> City: _____ State: _____ Country: _____	Type Flight Plan Filed ☒ None ☐ Company VFR ☐ Military VFR ☐ VFR VFR/IFR IFR Unknown Activated? Yes No Unknown	
Type of ATC Clearance/Service (Check all that apply) ☒ None VFR ☐ Special VFR IFR ☐ Special IFR VFR On Top ☐ VFR Flight Following Traffic Advisory ☐ Cruise Unknown / NA				
Airspace where the accident/incident occurred (Check all that apply) Class A Class B Class C Class D Class E ☒ Class G Demo Area Warning Area Prohibited Area Restricted Area Military Operations Area (MOA) Airport Advisory Area Jet Training Area TRSA FAR 93 Special Air Traffic Control Area Unknown				Altitude of In-Flight Occurrence: <u>~ 200 MSL</u> ft msl <u>1368</u> ↗
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 <u>Garmin pilot</u> None Unknown			Weather Observation Facility Facility ID: <u>KOUN</u> Observation Time: _____ Time Zone: <u>Central</u> Distance from Accident Site: <u>~ 6</u> nm Direction from Accident Site: _____ degrees true	
Basic Conditions ☒ VMC ☐ IMC ☐ Unknown	Light Condition ☒ Dawn ☐ Dusk ☐ Dark Night ☐ Unknown ☒ Day ☐ Night ☐ Bright Night			
Sky/Lowest Cloud Condition ☒ Clear ☐ Few ☐ Partial Obscuration ☐ Scattered ☐ Thin Broken ☐ Thin Overcast ☐ Unknown	Ceiling ☒ None (Clear) ☐ Broken ☐ Overcast ☐ Obscured Indefinite ☐ Unknown	Temperature: _____ (C) or _____ (F) Dew Point: _____ (C) or _____ (F) Altimeter Setting: _____ in. Hg or _____ MB		
Lowest Cloud Condition Height _____ ft agl	Ceiling Height _____ ft agl			
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) Severity ☒ None Clear Air Terrain-Induced Convective Turbulence 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 (Use additional sheet if necessary)

Left wing, fuselage, horizontal & vertical stabilizer, canopy, prop, landing gear, cowling

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.

Entered runway 13 @ 1K4 for a flight in the local area. I applied full power & rotated. Approximately 8-10 seconds after rotation, the engine made loud popping/banging sounds and I simultaneously experienced a reduction in engine power. Due to having flat terrain almost completely surround the airport, I immediately made a left turn to enter left traffic in a tight pattern. At base to short final, I added approx. 20° flaps. I was extending my touchdown point when the left wing made contact with the runway. It was a hard landing & side-loaded to the left. The aircraft departed the runway to the left, entered the soft grass and flipped onto its top. As it came to rest, I climbed through the busted canopy.

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.)

**Total Time/Cycles
On Part**

_____ Hours

_____ Cycles

**Time Since This Part
Inspected/Overhauled**

_____ Hours

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

38

Gallons

Fuel Type

80/87

100 Low Lead

100/130

115/145

Jet A

Jet A-1

Jet B

JP8

Automotive

Other, specify _____

Other Services, if Any, Prior to Departure

Ø

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

Climbed through BUSTED Canopy

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: _____