

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: Pendleton UAS Test Range State: ORZIP: 97801 Country: USALatitude: -118.83712 Longitude: 45.70294

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

Accident/Incident Date/TimeDate: 12/16/2024 Local Time: 09:58
mm/dd/yyyy HH:MMTime Zone: PSTCollision with Other Aircraft: ☐ Midair ☐ On-ground ☒ None**AIRCRAFT INFORMATION**Registration Number: N209Manufacturer: Amazon Prime AirModel: MK30 Block 10Serial Number: 178650100GYear of Manufacture: 2024Amateur-Built: ☐ Yes ☒ No If Yes: ☐ Original Design ☐ Kit/Plans

Make: _____

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

Maximum Gross Weight: 83.22 lbs.Weight at Time of Accident/Incident: 79.12 lbs.Number of Seats: NA Flight Crew Seats: NACabin Crew Seats: NA Passenger Seats: NANumber of Engines: 6**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								
Eng. 2								
Eng. 3								
Eng. 4								

Last Inspection Type

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

Date of Last Inspection: 11/20/2024
mm/dd/yyyyAirframe Total Time: 57.3 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: _____
-
- ☐
- 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: _____

Model or Part No.: _____

TSO No.: ☐ C91 (121.5 MHz) ☐ C91a (121.5 MHz)
☐ C126 (406 MHz)Was ELT still mounted in aircraft? ☐ Yes ☐ NoWas ELT still connected to antenna? ☐ Yes ☐ NoDid ELT activate? ☐ Yes ☐ NoIf activated: Did ELT aid in locating aircraft? ☐ Yes ☐ NoIf not activated: Indicate Reason: ☐ Impact Damage☐ Fire Damage ☐ Battery Expired/Damaged ☐ Unknown**Propeller 1** ☒ Fixed Pitch
☐ Controllable Pitch
☐ Ground Adjustable

Manufacturer: _____

Model: _____

Propeller 2 ☐ Fixed Pitch
☐ Controllable Pitch
☐ Ground Adjustable

Manufacturer: _____

Model: _____

OWNER/OPERATOR INFORMATION**Registered Aircraft Owner**

Name: Amazon Prime Air
 City: Seattle State: WA
 ZIP: 98109 Country: USA

Fractional Ownership Aircraft: ☐ Yes ☒ No

Operator of Aircraft

☒ The Operator is also the Registered Owner

☒ Same address as Registered Owner

Name: _____
 City: _____ State: _____
 ZIP: _____ Country: _____

Doing Business As: _____

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

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: Pendleton

Airport Identifier: PDT

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

Distance From Airport Center: _____ sm.

Direction From Airport: _____ degrees true

Airport Elevation: 1497 ft. MSL

Runway Information

Runway ID: _____ Length: _____ ft. Width: _____ 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
☐ Slush-Covered ☐ Vegetation ☐ 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 ☐ 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 ☐ Unknown
☐ VOR/DME ☐ Localizer Only ☐ Visual
☐ TACAN ☐ LOC-back course ☐ Contact
☐ RNAV ☐ Circling

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**

☐ 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: Josue

City of Residence: Pendleton

Middle Initial: _____

State: OR ZIP: 97801

Last Name: Chamorro

Country: USA

Age at time of Accident/Incident: 30

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

01/02/2024
 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:

08/30/2024
 mm/dd/yyyy

Flight Review Aircraft

Make: Cessna

Model: C172 N

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	255	C172	255									
Pilot in Command (PIC)	250											
Time as Instructor												
This Make/Model												
Last 90 Days												
Last 30 Days												
Last 24 Hours												

"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		Seat Occupied	Injury
First Name: _____	City of Residence: _____	☐ Left ☐ Rear ☐ Center ☐ Single ☐ Right ☐ Unknown ☐ Front	☐ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown
Middle Initial: _____	State: _____ Zip: _____		
Last Name: _____	Country: _____		
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 Supplemental Restraint, specify: _____	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.		

Additional Crewmember Information		Seat Occupied	Injury
First Name: _____	City of Residence: _____	☐ Left ☐ Rear ☐ Center ☐ Single ☐ Right ☐ Unknown ☐ Front	☐ None ☐ Minor ☐ Serious ☐ Fatal ☐ Unknown
Middle Initial: _____	State: _____ Zip: _____		
Last Name: _____	Country: _____		
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 Supplemental Restraint, specify: _____	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.)

Number of Passengers _____	Seat	Injury	Restraint Type	Inflatable Restraints	Age
Passenger Information 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 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	Time of Departure	Flight Information	Destination	Type Flight Plan Filed
Airport ID: _____ City: _____ State: _____ Country: _____	Time: _____ HH:MM Time Zone: _____	Flight Number: _____ Operating as Flight _____	Airport ID: _____ City: _____ State: _____ Country: _____	☐ None ☐ Company VFR ☐ Military VFR ☐ VFR ☐ VFR/IFR ☐ IFR ☐ Unknown Activated? ☐ Yes ☐ No ☐ Unknown

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: KPDT
 Observation Time: 0958L
 Time Zone: PST
 Distance from Accident Site: 0.1 nm
 Direction from Accident Site: _____ degrees true

Basic Conditions

- ☐ VMC
☐ IMC
☐ Unknown

Lowest Cloud Condition**Height**6000 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 Height6000 ft. AGLTemperature: 3 (°C) or 3 (°F)

Dewpoint: _____ (°C) or _____ (°F)

Altimeter Setting:30.26 (Hg), or _____ (mb)**Wind Direction**

☐ Variable or
 Direction: 120
 degrees true

Wind Speed

☐ Calm
☐ Light and Variable
 or
 Speed: 6 kts

Wind Gusts

☒ Not Gustating
 or
 Speed: _____ kts

Visibility

7 miles
 RVR: _____ feet
 RVV: _____ miles
 Density Altitude: _____ 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:

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

- ☐ None ☐ Substantial
☐ Minor ☒ Destroyed
 ☐ Unknown

Aircraft Fire

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

Aircraft Explosion

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

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

Total hull loss. Primary and secondary control surfaces separated from the fuselage. Inspection panels separated from fuselage.

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.

N209PA launched from the flight test site located at the PDT North Golf taxiway and proceeded on a test delivery mission. While transitioning to VTOL, all six motors suddenly stopped. The vehicle immediately fell to the ground and impacted the asphalt taxiway.

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

Flight Test Team was testing a new software upgrade on N209PA when this event occurred. After initial investigation, it is suspected the vehicle thought it was on the ground when it arrived over the landing pad and transitioned into VTOL. The engineering investigation is still ongoing to determine a root cause for the vehicle behavior. The software being tested was a test build only.

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)

_____ Gallons

Fuel Type

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

Other Services, if any, prior to departure:

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:

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

Aircraft Registration Number

Manufacturer: _____

Damage to Other Aircraft:

☐ Destroyed☐ Minor☐ Substantial☐ None

Model: _____

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.)

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: <u>12/20/2024</u> <i>mm/dd/yyyy</i>	Name of Pilot/Operator: <u>Josue Chamorro</u> Signature: _____ -or- ☐ Check here to electronically sign this document
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If a person other than Pilot/Operator is filing this report	
Name: <u>Dominic Acevedo</u> Signature: _____	Title: <u>Director of Operations</u>
-or- ☐ Check here to electronically sign this document	

FOR NTSB USE ONLY

NTSB Accident/Incident No. WPR25LA063	Reviewed by NTSB AS Division AS-WPR	Name of Investigator Eric M. Gutierrez	Date Report Received 12/20/2024
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