THE GATEWAY TO SPACE®

SPACEPORTAMERICA®

THE WORLD'S FIRST
PURPOSE-BUILT COMMERCIAL SPACEPORT

2024 ANNUAL REPORT

« Virgin Galactic founder Richard Branson (far left) celebrates the success of the Galactic 07 flight alongside its passengers (photo credit: Virgin Galactic)

TABLE OF CONTENTS

On the cover | The U.S. Air Force Thunderbirds soar over the Gateway to Space building in January of 2024 (photo credit:USAF Thunderbirds)

Credits | This publication was designed, written and edited by Spaceport America personnel. Unless otherwise indicated, all images are courtesy of Spaceport America.

Publication Date | 2.10.2025
NMSA Doc10059.V3a

MESSAGE FROM THE EXECUTIVE DIRECTOR

Welcome to the annual report regarding the progress of Spaceport America. This report provides information about the New Mexico Spaceport Authority, the spaceport, our customers, and progress toward establishing the spaceport as an important part of the nation's aerospace infrastructure.

Nationally, last year the United Launch Alliance (ULA) Vulcan rocket lifted off for the first time. And now a year later, Blue Origin's New Glenn rocket successfully made it to orbit on its maiden flight. Along with SpaceX's Falcon 9, and the NASA Space Launch System (SLS), this means the U.S. has significant capability to get to orbit and beyond.

What does this mean for New Mexico? Well, like the advent of the transcontinental railroad, more efficient operations and lower costs are allowing activity in space to grow very significantly. This is also putting pressure on the nation's older and traditional launch sites, which will eventually reach logistical and environmental maximums for rocket launches.

Despite being an inland site, Spaceport America is a good place for orbital launch and reentry. The area has a very low population density, and there are eastward trajectories to get to orbit. The defense community is very interested in inland sites since they are much less vulnerable to the nation's adversaries. While we have seen growing interest in this possibility, a few things need to happen. One is that rocket technology still needs to be more reliable and have 'safe abort modes' (rather than just being destroyed in flight). Also, the spaceport needs additional infrastructure for small to medium rocket launches (which will need to be funded by commercial rocket launch providers and the federal government).

While there will be a wait before something goes to orbit from Spaceport America, Virgin Galactic will begin testing its two new spaceships later this year and should resume its suborbital space tourism program in 2026. The new spaceships are designed for ease of manufacturing, simplified maintenance, and for quick turn-around times between flights. With these ships, VG is forecasting 125 flights per year. And although some flights will be payload flights, this still means around 700 people per year will travel space from New Mexico (with an estimated 15,000 related visitors as 'friends and family' of the passengers).

Inside this report, you will see that the spaceport has stayed active with other clients such as our High-Altitude Platform Station customers (large UAVs), the USAF Thunderbirds, and long-term customers such as UP Aerospace. And later this winter, we will release an updated Master Plan to help guide our infrastructure development and customer base. Please reach out with any questions or comments.

Scott McLaughlin | Executive Director
Spaceport America

« On Friday, Sept. 6, 2024, a group of students from Las Cruces, N.M., and Truth or Consequences, N.M., traveled to Spaceport America as part of the SPACE for a Better World outreach program. In addition to educational programming, the students also engaged in a human art project to create the logo for the Las Cruces Space Festival (pictured).

For inquiries, please reach out to the email address below which best corresponds to the topic:

media@spaceportamerica.com

aerospace@spaceportamerica.com

OVERVIEW

Director: **Scott McLaughlin**
CO RD A021 Truth or Consequences, NM 87901
4605 Research Park Circle, Suite A Las Cruces, NM 88001
(575)-267-8500
www.spaceportamerica.com

Federal Aviation Administration

THE WORLD'S FIRST PURPOSE-BUILT COMMERCIAL SPACEPORT

FAA-LICENSED HORIZONTAL & VERTICAL LAUNCH SITE | 18,000 ACRES ADJACENT TO U.S. ARMY WHITE SANDS MISSILE RANGE
6,000 SQ MILES OF RESTRICTED AIRSPACE | 12,000 X 200 FT RUNWAY | 340 DAYS OF SUNSHINE & LOW HUMIDITY

MISSION / VISION

- Actively promoting and assisting public and private-sector infrastructure development to attract new industries and businesses is a primary goal of Spaceport America.
- Tenants who lease space have the freedom to design launch sites and facilities at Spaceport America which best serve their missions.
- Spaceport America provides access to both the National Airspace System (NAS) as well as 6,000 miles of restricted airspace from surface to unlimited. Because of this, a "quiet zone" consisting of minimal commercial aviation traffic offers reinforced privacy for sensitive projects while allowing the safe testing of new designs with minimal regulatory delays.
- The vast size of Spaceport America allows tenants to greatly streamline the process of project development to execution. As a result, tenants have the ability to engineer, manufacture, test and launch all at one location.

LONG-TERM PLAN

- New infrastructure:
  - » Hangar Development
  - » Road Infrastructure Improvements
  - » Broadband Fiber Optic Improvements
- Working on a FAA Reentry License
- Planned Multi-use building
- Current discussions for Inland Hypersonic Corridors
- Increase domestic & international customer interest
  - » Expand customer base interested in testing & development

NEW FEATURES

- 50 FT. Launch Rail (Fall/Winter of 2023)

ON-SITE TENANTS

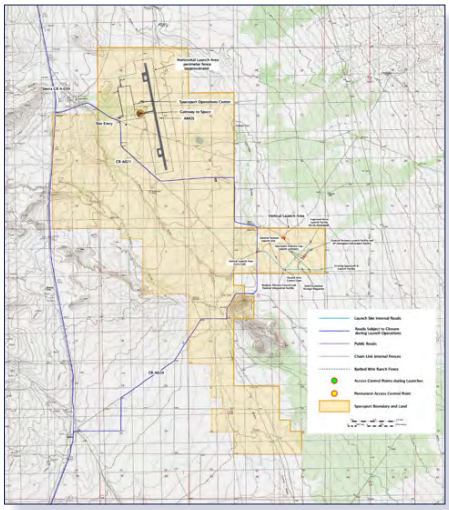
- Virgin Galactic, HAPS Mobile/AeroVironment,
- UP Aerospace, SpinLaunch, Prismatic, Ltd./BAE
- Frequent customers include EXOS Aerospace and Swift Engineering

SPACEPORT ACCESSIBILITY

- Paved roads leading to the spaceport
- Public access roads outside of the spaceport that can be accessed by the public for launch viewing
- Runway for aircraft

LOCATION ADVANTAGE

- Spaceport America is under White Sands Missile Range's restricted airspace
  - » Spaceport America can use this airspace
  - » Managed by the U.S. Army, White Sands Missile Range boasts the largest restricted DoD airspace in the country
  - » 2 different rates depending on use (DoD or Non-DoD)
- Ability to conduct UAS flight testing in restricted airspace
- 24-hour fire, emergency and EMS services on-site



YOUTUBE VIDEO LINKS

- Spaceport America Home
- Spaceport America Overview

2023-AST-027

« The FAA Office of Spaceports was established by the 2018 FAA Authorization Act to be a centralized policy office within the FAA Office of Commercial Space Transportation. This information is from the FAA's Spaceport Spotlight page and can be found by visiting **www.faa.gov/space/office_spaceports**.

NMSA STATUATORY LANGUAGE

The New Mexico Spaceport Authority shall:

A. Encourage and foster development of the state and its cities and counties by **developing spaceport facilities in New Mexico**;
B. Actively promote and assist public and private sector infrastructure development to attract new industries and businesses, thereby **creating new job opportunities** in the state;
C. Create the statutory framework that will enable the state to **design, finance, construct, equip and operate spaceport facilities** necessary to ensure the timely, planned and efficient development of a southwest regional spaceport; and
D. Promote educational involvement in spaceport activities and **education and training of the workforce** to develop the skills needed for spaceport operations.

New Mexico Statutes Annotated 1978 58-31-1

« New Mexico's Lieutenant Governor Howie Morales (left), speaks with Spaceport America Executive Director Scott McLaughlin (middle) and Space Valley Executive Director Bryce Kennedy (right) at the 2024 Aerospace & Aviation Day at the New Mexico State Capitol in Santa Fe, N.M.

U.S. SPACEPORTS

(graphic provided by the Federal Aviation Administration)

For additional information about spaceports and the FAA visit: https://www.faa.gov/space/office_spaceports

« Spaceport America is one of one of 14 spaceports located within the United States. Of those 14, Spaceport America is the only site to serve as an FAA-Licensed Horizontal and Vertical Launch Site.

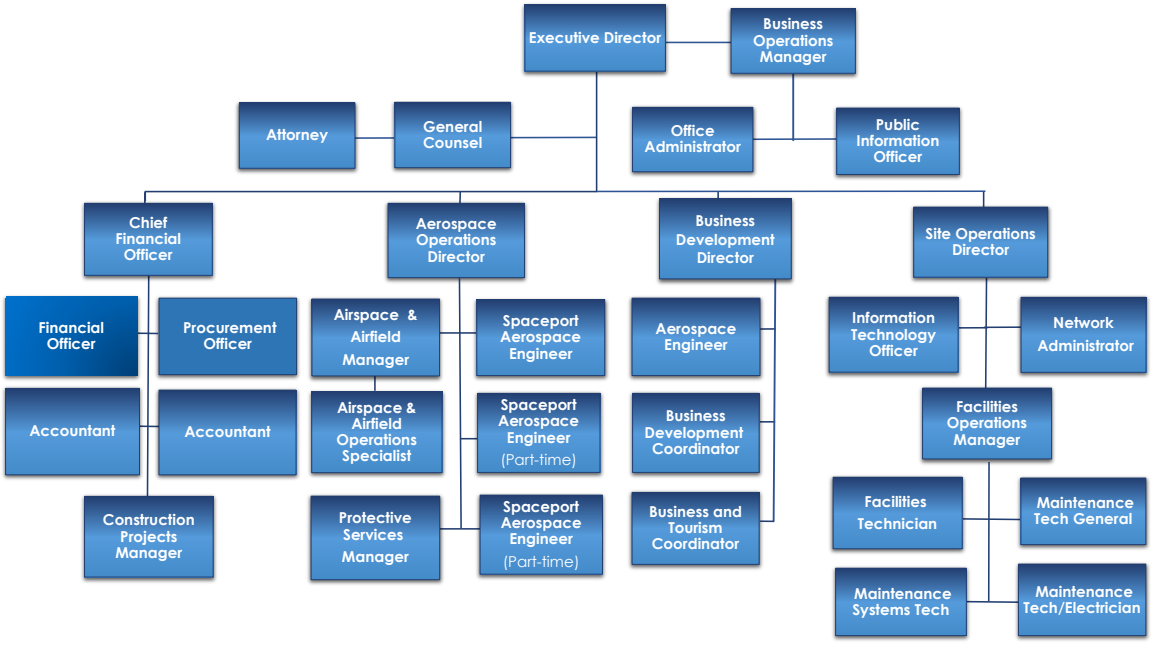
« The tenants, customers and clients who conduct operations at Spaceport America make use of restricted airspace controlled by U.S. Army White Sands Missile Range through a joint Memorandum of Agreement.

« Spaceport America is broken down into three separate areas: the Horizontal Launch Area (HLA), Vertical Launch Area (VLA) and Advanced Technology Area (ATA). Each area features unique, customer-specific benefits depending on the application.

« Of the 147 FAA-licensed commercial space launches that took place in 2024, two of them occurred at Spaceport America. That makes the state of New Mexico one of just four states in the nation in which a commercial space launch occurred in 2024.

« The number of FAA-licensed commercial space launches in 2024 increased 25.6-percent from the previous year and has jumped 276.9-percent since 2020 when just 39 such launches occurred.

NMSA ORGANIZATIONAL CHART



OVERVIEW

In addition to its statuatory mission, Spaceport America exists to serve its stakeholders - the citizens of the state of New Mexico. The taxpayers and legislators in both Doña Ana and Sierra counties have been integral partners of Spaceport America since its inception and the achievements of the world's first purpose-built commercial spaceport would not have been possible without the support of these New Mexicans. Elected officials at the city, county and state level have also been instrumental parts of Spaceport America's ongoing development through the last two decades. Spaceport America sits on 18,000 acres of State of New Mexico state land trust land and maintains a strong relationship with the New Mexico State Land Office to develop that land for its tenants, customers and beneficiaries.

BOARD OF DIRECTORS

The New Mexico Spaceport Authority Board of Directors consists of nine members: the chair, two ex officio, with six appointed by the Governor and confirmed by the State Senate. By statute, no more than three of the appointed members shall belong to the same political party. Members serve staggered four-year terms.

Howie Morales (Ex Officio and Lieutenant Governor of New Mexico) | *Rob Black (Chair of the Board and Cabinet Secretary of the Economic Development Department for the State of New Mexico)*| *Peggy S. Johnson* | *Eric Schindwolf* | *Ethan Epstein* | *Patricia Sullivan* | *Wayne Savage* | *Dolores Lucero* | *Stephanie Luongo*

TAX DISTRICT BOARD

Established in 2005, the Tax District Board is the entity which which receives and distributes excess revenue from the Doña Ana County and Sierra County 0.25% Spaceport gross receipts tax. The District's Board of Directors consists of six members that includes four elected officials appointed by the respective county commissioners of Doña Ana and Sierra counties. The board also includes two statewide directors appointed by the governor.

Shannon Reynolds (chair and Doña Ana County Commissioner) | *James Paxon (vice-chair and Sierra County Commissioner)* | *Travis Day (Sierra County Commissioner)* | *Eric Enriquez (Mayor of Las Cruces, N.M.)* | *Kim Skinner (Mayor Pro Tempore of Elephant Butte, N.M.)* | *Manuel Sanchez (Doña Ana County Commissioner)*

To learn more about the governance of Spaceport America, view board minute meeting archives, regional tax district meetings, or access to the Sunshine Portal, visit http://spaceportamerica.com/governance.

« Swift Engineering readies for a test flight of its Swift Ultra Long Endurance (SULE) uncrewed aircraft at Spaceport America in late September of 2024 (photo credit: Swift Engineering)

TENANTS & CUSTOMERS*

GALACTIC

« Spaceport America's anchor tenant, Virgin Galactic is building the world's first spaceline. Founded by Richard Branson and the Virgin Group conglomorate, Virgin Galactic has flown nine separate missions to space since May of 2021.

www.VirginGalactic.com

PRISMATIC

BAE SYSTEMS

« Prismatic started working with UAS in 2011, formed by a team with experience in these systems reaching back to the early 2000s. BAE Systems started working with Prismatic in 2017, and acquired the company in 2021.

www.PrismaticLTD.co.uk

UP Aerospace

« UP Aerospace is a space launch and flight test service provider specializing in advanced engineering, launch technology development, and state-of-the-art rapid and low cost launch operations. Its headquarters are located in Denver, Colorado, with launch facilities at Spaceport America in New Mexico.

www.UPAerospace.com

SPINLAUNCH

« SpinLaunch is revolutionizing access to space by building a kinetically powered system to put constellations of satellites into space. They have constructed the world's largest evacuated centrifuge at Spaceport America and have executed 10 test flights since 2021.

www.SpinLaunch.com

HAPS MOBILE

« HAPSMobile Inc. is a subsidiary of SoftBank Corp. that plans and operates a High Altitude Platform Station (HAPS) business with the aim of bridging the world's digital divide. HAPSMobile is primarily engaged in network equipment research and development for the HAPS business, construction of core networks, new business planning and activities for spectrum usage.

www.HAPSMobile.com

AV

AeroVironment™

« AeroVironment provides customers with more actionable intelligence so they can proceed with certainty. Based in California, AeroVironment is a global leader in unmanned aircraft systems and tactical missile systems, and serves defense, government and commercial customers.

www.AVinc.com

Swift Engineering

« Swift Engineering is an innovation company with a 35-year history of design, engineering and build heritage in intelligent systems and advanced vehicles, including autonomous systems, helicopters, submarines, spacecraft, ground vehicles, robotics, and advanced composites for military, healthcare, agriculture and industrial applications.

www.SwiftEngineering.com

Isotropic™

Unrivaled Certainty™

« Isotropic Networks, Inc., is the leading global provider of converged connectivity services and network management solutions. Isotropic owns and operates teleports on three continents, enabling global coverage and a level of flexibility that is unprecedented in the satellite industry.

www.Isotropic.network

Thunderbirds

« Each year since 2021, the U.S. Air Force Thunderbirds have utilized Spaceport America as their winter training ground. During this month-long training period, the Thunderbirds hone their skills for the dozens of air shows they take part in through the year.

www.airforce.com/thunderbirds/overview

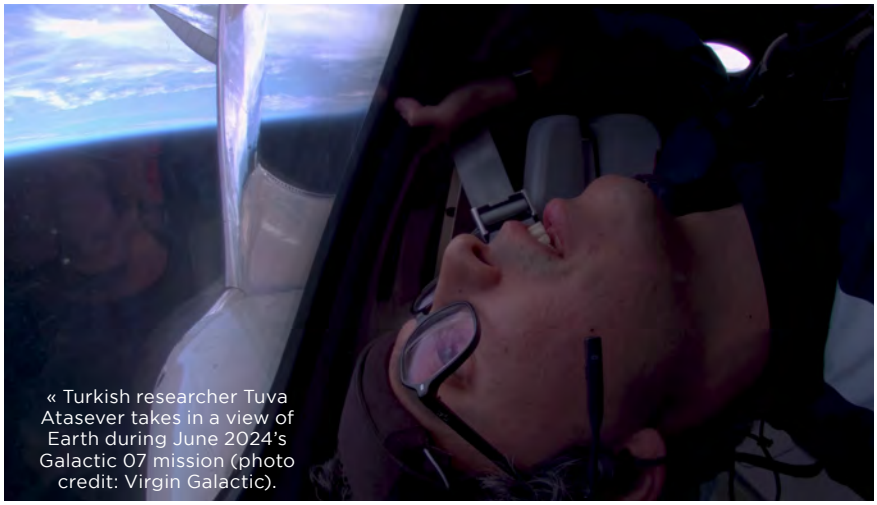
*Not all customers are shown

« Virgin Galactic Investor Relations

« Numerous onlookers flock to VSS Unity after it completes its landing sequence (photo credit: Virgin Galactic)

Commercial Spaceline Operations

« Following the success of its six commercial spaceflights during the 2023 calendar year, Virgin Galactic launched a pair of spaceflights in 2024.
« In total, those two spaceflights produced a total of nine first-time spacegoers. That increases the number of humans who have traveled to space via Virgin Galactic to a total of 36 - a shade above five-percent of the 708 humans who have traveled to space in recorded history.
« Not only did Virgin Galactic's two spaceflights in 2024 ferry tourists into space, they allowed scientists to tend to a multitude of research-based experiments.
« Of the 12 missions Virgin Galactic has completed from Spaceport America, seven of them have carried microgravity and space-based research on behalf of domestic and international researchers as well as various universities.
« Upon the conclusion of its Galactic 07 spaceflight on Saturday, June 8, 2024, Virgin Galactic's priorities shifted to the development and construction of its Delta-class spacecraft.
« The completion of Virgin Galactic's spaceship manufacturing facility in Mesa, AZ, was announced on Wednesday, July 10, 2024. There, the final assembly of the Delta-class spacecraft is slated to occur some time within Q1 of 2025.
« After ground testing of the first two craft which will comprise the Delta-class fleet, the completed spaceships will be transported to Spaceport America for flight testing ahead of commercial operations. Commercial operations are projected to begin in 2026.



« Turkish researcher Tuva Atasever takes in a view of Earth during June 2024's Galactic 07 mission (photo credit: Virgin Galactic).

SPACEFLIGHT SPECIFICS

« Galactic 06 | Friday, January 26, 2024
« Pilots | Nicola Pecile, CJ Sturckow
« Space Flight Participants | Lina Borozdina, Franz Haider, Neil Kornswiet, Robie Vaughn

« Galactic 07 | Saturday, June 8, 2024
« Pilots | Jameel Janjua, Nicola Pecile
« Space Flight Participants | Tuva Atasever, Giorgio Manenti, Irving Pergament, Andy Sahdwani

AeroVironment™

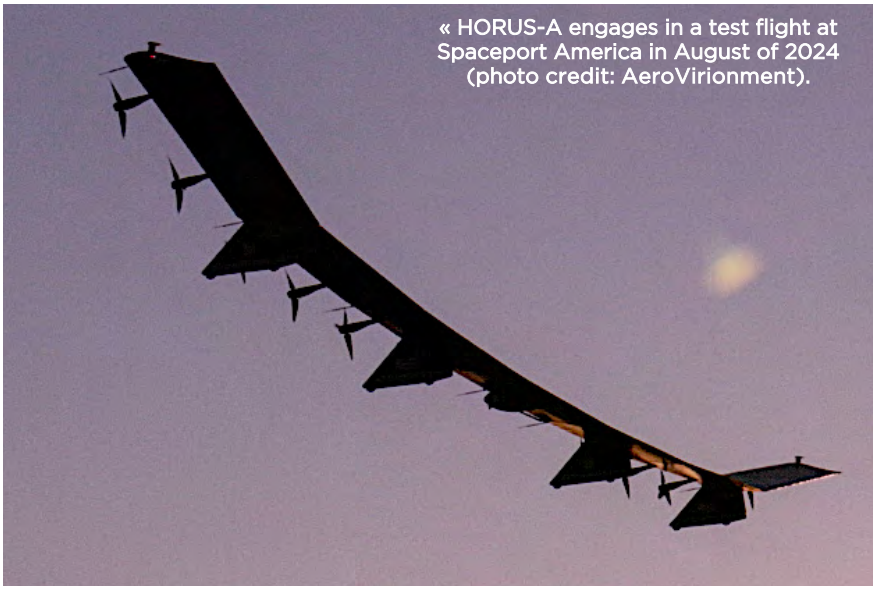
« Significant upgrades to its Sunglider - some of which included enhancing its High-Altitude Platform-Station (HAPS) capabilities for commercial and government markets - were tested by AeroVironment at Spaceport America in August of 2024.

« The result was *Horus™ A*, the new version of Sunglider for government applications. *Horus A* is a solar-powered UAS capable of carrying up to 150 lb of payload with 1.5 kW of available power, offering industry-leading stratospheric performance.

« *Horus A* features enhancements in all areas of the aircraft design, avionics, and offers unique features such as additional autonomy to increase mission flexibility and multiple redundant systems for mission assurance. *Horus A* received airworthiness approval from the U.S. Army and an FAA Special Airworthiness Certificate to allow flight testing in the national airspace. These enhancements flow back into the continued development of Sunglider with SoftBank as both companies strive to deliver unrivaled payload capacity and persistence to unlock the full potential of both stratospheric flight and the latest, most capable payloads.

« Continuing AV's tradition of industry-defining firsts, *Horus A* simultaneously operated a Synthetic Aperture Radar (SAR), and Tactical Grade Mesh Network radio during the mission portion of the flight. Covering the majority of the flight test points, AV was able to validate multiple new and redundant systems, payload interoperability and performance enhancements.

« AV also demonstrated the ability to effectively maneuver in adverse and turbulent weather, landing safely, ready to return to the Stratosphere for future longer-duration missions. *Horus A*'s satellite-based BLOS radio and robust avionics and datalink suite will enable this platform to fill critical defense capability gaps such as resilient communications and network extension, Assured Positioning, Navigation and Timing (APNT), Space Domain Awareness, long-endurance ISR, and deep sensing.



« HORUS-A engages in a test flight at Spaceport America in August of 2024 (photo credit: AeroVirionment).

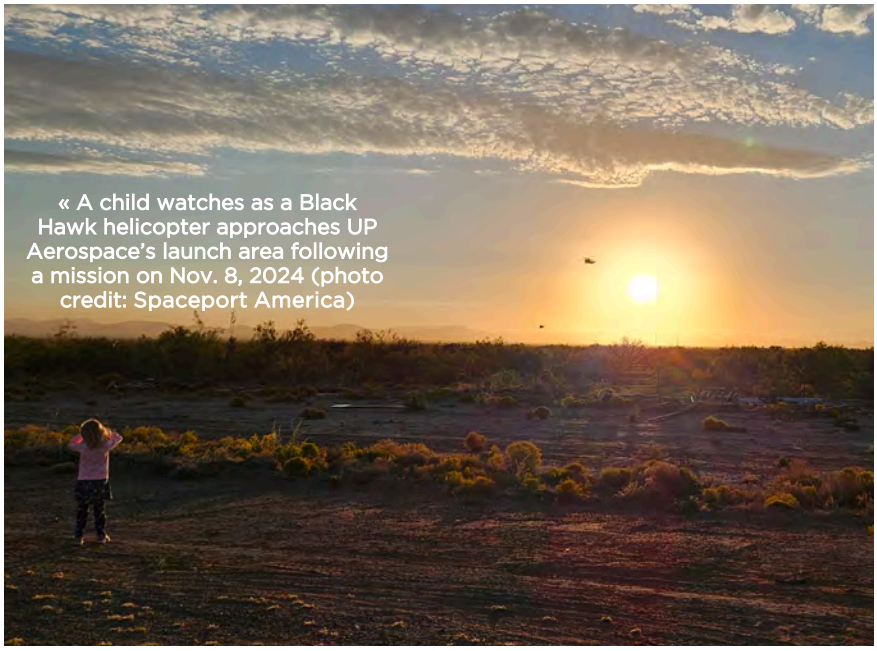
« *HORUS A Demo Video*

photo credit: Spaceport America

« UP Aerospace overview + capabilities

UP Aerospace

« Colorado-based UP Aerospace launched two suborbital research missions at Spaceport America in Q4 of 2024.
« The 2024 launches marked the first for UP Aerospace since May of 2023, and featured a number of scientific payloads from Los Alamos National Labs (LANL), the Italian Space Agency (AIS), and the European Space Agency (ESA).
« An early-morning (7:09 a.m. local time) flight on Tuesday, Oct. 1, 2024, launched UP Aerospace's *SpaceLoft 15* rocket into suborbit packed with payloads from the ESA, the AIS, and their contractors VisionSpace and Qascom.
« Just over one month later, on Friday, Nov. 8, *SpaceLoft 20* lifted off from Spaceport America. UP Aerospace conducted a payload and research mission for LANL.
« The Cyclone-1 mission allowed LANL to conduct crucial flight testing of technology and components in the Cyclone-1 payload. Upon the rocket reaching its apogee, the research payload was released and monitored by LANL scientists throughout its descent back to the Earth.During flight, an onboard telemetry system transmitted in-flight information regarding the payload's performance and its functionality.
« This was the fourth successful separation mission for UP Aerospace where the payload was separated from the launch vehicle.
« Weeks before the company's October spaceflight, it developed and test fired its Spyder solid rocket motor at Spaceport America. The qualification test fire meant the motors could be utilized for future launches throughout the 2025 calendar year and beyond.
« Since becoming the first company to launch a suborbital mission from Spaceport America in 2006, UP Aerospace has conducted 22 launches from the site. With launches in October and November of 2024, it marks the second time in which UP Aerospace launched missions in consecutive months from the world's first purpose-built commercial spaceport.



« A child watches as a Black Hawk helicopter approaches UP Aerospace's launch area following a mission on Nov. 8, 2024 (photo credit: Spaceport America)

« UP Aerospace's SpaceLoft rocket takes off from Spaceport America on Tuesday, Oct. 1, 2024 (photo credit: Bill Gutman).

PRECISION AI

« With world headquarters in Regina, Saskatchewan (Canada) and a United States base of operations in San Francisco, Calif., Precision AI is designing the machines of tomorrow that will feed the world.
« Spaceport America has served as a development and testing ground for one such of these machines - the *Stratus AirSprayer™.*
« For the better part of 2024, Precision AI has been testing the Gen 1 prototype of its most recent breakthrough in spray technology at Spaceport America.
« More than a drone, the Stratus AirSprayer™ breaks out of traditional categorization as a new product that demands a name as innovative as its capabilities. Stratus AirSprayers™ are the freshest step forward in crop protection.
« The solution for low labor, sustainable, cost-efficient chemical application on the farm is hindered by small drones that require battery changes every 4-6 minutes. By leveraging the lift of a parachute, the payloads our AirSprayers can handle are beyond traditional UAV limitations.
« These advanced autonomous aerial sprayers have been designed to meet the demands of expansive farms that manage thousands of acres of essential crops. With the capacity to treat over 92 acres per hour per unit and transports easily, the Stratus AirSprayer™ is engineered to maximize field time, ensuring crops receive timely protection with unparalleled efficiency.
« The Stratus AirSprayer™ significantly reduces spray drift, keeping chemicals precisely where they are needed and safeguarding the surrounding ecosystem. The AirSprayer's 60 or 100 gallon tank leads to less downtime and more acres covered between refills. And perhaps most compelling is the cost of operation. At less than $2.85 per acre, this sprayer operates at a fraction of the cost of traditional drone technology which ranges between $6-13 per acre.

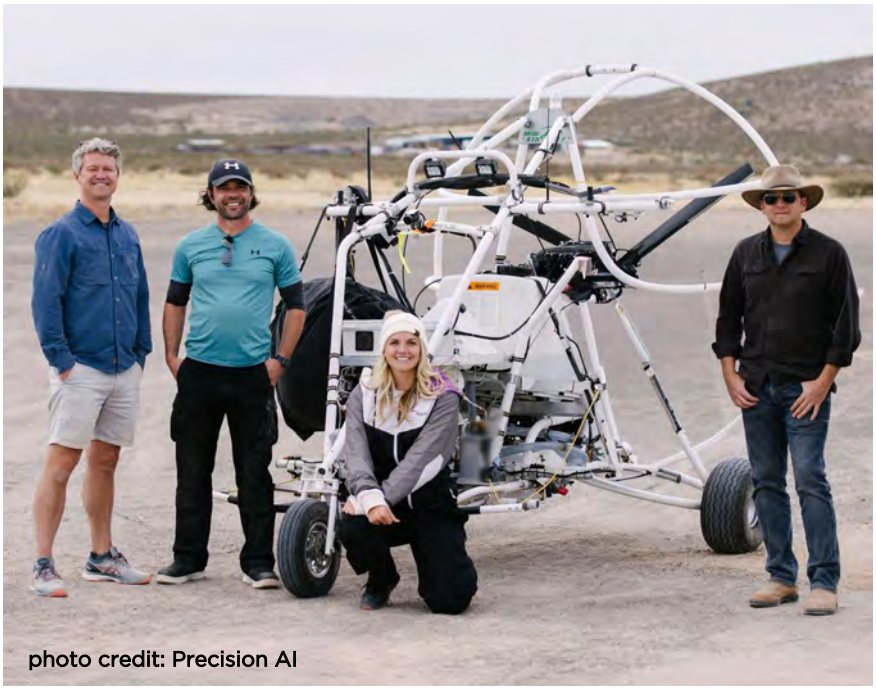


photo credit: Precision AI

« Precision AI UAV overview

photo credit: Precision AI

« *Swift's Legacy of Airframe Design*

Swift Engineering

« The final two days of September 2024 yielded an incredible milestone for longtime Spaceport America tenant Swift Engineering.
« Throughout the 24-hour flight of its Swift Ultra Long Endurance (SULE) aircraft, Swift documented the vehicle reach an altitude of 55,904 feet.
« The groundbreaking, 24-hour flight opened up new possibilities for scientific research and environmental monitoring as well as defense and aerospace applications. The successful flight more than doubled the previous altitude record of 25,000 feet.
« The trial gave BAE Systems' engineering team the ability to engage in performance assessments of the experimental solar-electric drone while it maneuvered to the stratosphere.
« The Swift suite of UAS (Unmanned Aircraft Systems) spans the shorter range, rapidly deployable VTOL (Vertical Take-off and Landing) Swift Crane to the longer endurance, longer range, gas-powered Swift Accipiter suitable for most military and law enforcement applications.
« SULE delivers an even longer range/endurance platform with a 72-foot wingspan and 15-pound payload capacity that can provide seamless communications relay capabilities to all Swift platforms as well big-picture awareness beyond the range of Crane and Accipiter.
« Swift Engineering is also participating in a two-year program with NASA focused on the development of unmanned aircraft that can achieve extended endurance with decreased cost and increased data capture capabilities. The program will include multiple on-the-ground tests of systems and subsystems as well as flights of 24 hours, 48 hours and seven days.
« For the first time in the history of Spaceport America, two UAS tenants were operating in the airspace concurrently. Swift and AeroVironment each took part in missions on the same day at the same time.

photo credit: Swift Engineering

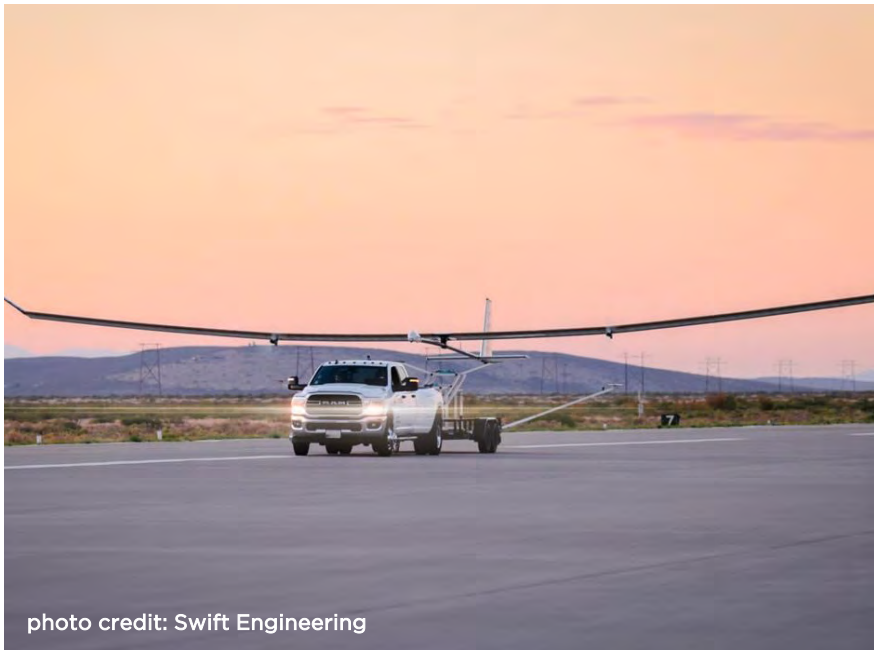


photo credit: Swift Engineering

2024 SPACEPORT AMERICA® CUP

Co-hosted by Spaceport America and the Experimental Sounding Rocket Association (ESRA)

« The world's largest intercollegiate rocketry competition returned to southern New Mexico in 2024 and the result was over 120 launches to heights of 10,000-30,000 feet over the course of one week (June 17-22, 2024).

« In all, over 1,800 intercollegiate rocketeers from 21 countries across all six populated continents of the planet journeyed to the Land of Enchantment to take part in the event. More than 6,000 total students took part in total with each learning how Spaceport America plays a vital role in "Space Valley," which stretches from northern New Mexico all the way to El Paso, Texas.

« In addition to a rocketry competition, the Cup has evolved into a networking opportunity for job seekers who are near graduation from colleges and universities. More than 30 organizations from the aerospace and space industries not only sponsored the Cup, they engaged in a number of in-person recruiting events centered around the event.

« The University of Maryland was named the overall winner of the event while the Chile Cup - a special competition category for regional teams - was awarded to the University of New Mexico. Established in 2019 as a regional competition between the New Mexico Institute of Mining and Technology, New Mexico State University, the University of New Mexico (UNM) and the University of Texas at El Paso (UTEP), the Chile Cup is a regional award designed to enhance the inclusion of each regional university taking part in the Spaceport America Cup.

« Economic impact for the area has been estimated at $1.2 million with earned media calculations for the event standing at nearly $800,000.

« Formerly known as the International Rocket Engineering Competition (IREC), the name of the event was changed to the Spaceport America Cup prior to the 2017 competition. Each year since them (with the exception of 2020 and 2021 due to COVID), Spaceport America has partnered with ESRA to host the event in southern New Mexico.

photo credit: Jesse Ramirez

« *Experimental Sounding Rocket Association website*

photo credit: Matt Dahle

photo credit: Visit Las Cruces // Norm Detlaff

« 2024 Open House recap (video)

2024 OPEN HOUSE

SPACEPORTAMERICA®

« Spaceport America hosted its first Open House since 2019 on Sunday, Sept. 8, 2024. Over 1,900 onlookers visited the site of the world's first purpose-built commercial spaceport to learn more about the site, its tenants, and the operations which occur there.

« Coinciding with the start of the 2024 Las Cruces Space Festival, the Open House welcomed Howie Morales - the Lieutenant Governor of New Mexico - astronaut wrangler Christina Korp, and retired NASA astronaut Nicole Stott as guest speakers and presenters.

« In its sixth year of existence, the Las Cruces Space Festival is an annual celebration of space-related activities and history designed to educate and inform attendees about New Mexico's rich space history.

« Space and aerospace agencies from around the state of New Mexico traveled out to the site, too. Longtime Spaceport America tenants Virgin Galactic, and SpinLaunch joined Visit Las Cruces, the Las Cruces Police Department, the Sierra County Chamber of Commerce, New Mexico State University, Merrick, and others.

« Over 30 aircraft from around the state were welcomed to fly in, giving guests the opportunity to view some one-of-a-kind aerial vehicles.

« NMSA will be hosting an Open House annually, depending on customer activity and weather.

STEM & OUTREACH

« An integral part of Spaceport America's statutory mission, STEM and outreach events in the year 2024 continued to inspire thousands of students throughout the state of New Mexico.

« Site visits to Spaceport America by various youth organizations and classes illustrate the site's importance within the state, region, nation and world when it comes to the aerospace and space industries.

« Thanks to a State of New Mexico internship program, a graduate student studying law spent a portion of 2024 at Spaceport America working with the organization's general counsel.

« A number of New Mexico State University engineering students have been serving in an intern capacity with Spaceport America's aerospace team since mid-2024.

60,414

« Visitors to Spaceport America in 2024

8,583

« Students (K-12 and university) reached through various STEM-related events in 2024

« The Las Cruces Air & Space Expo (October 19-20, 2024) welcomed thousands to Las Cruces International Airport. Spaceport America was in attendance to educate and inform onlookers about site operations and New Mexico's place in space.

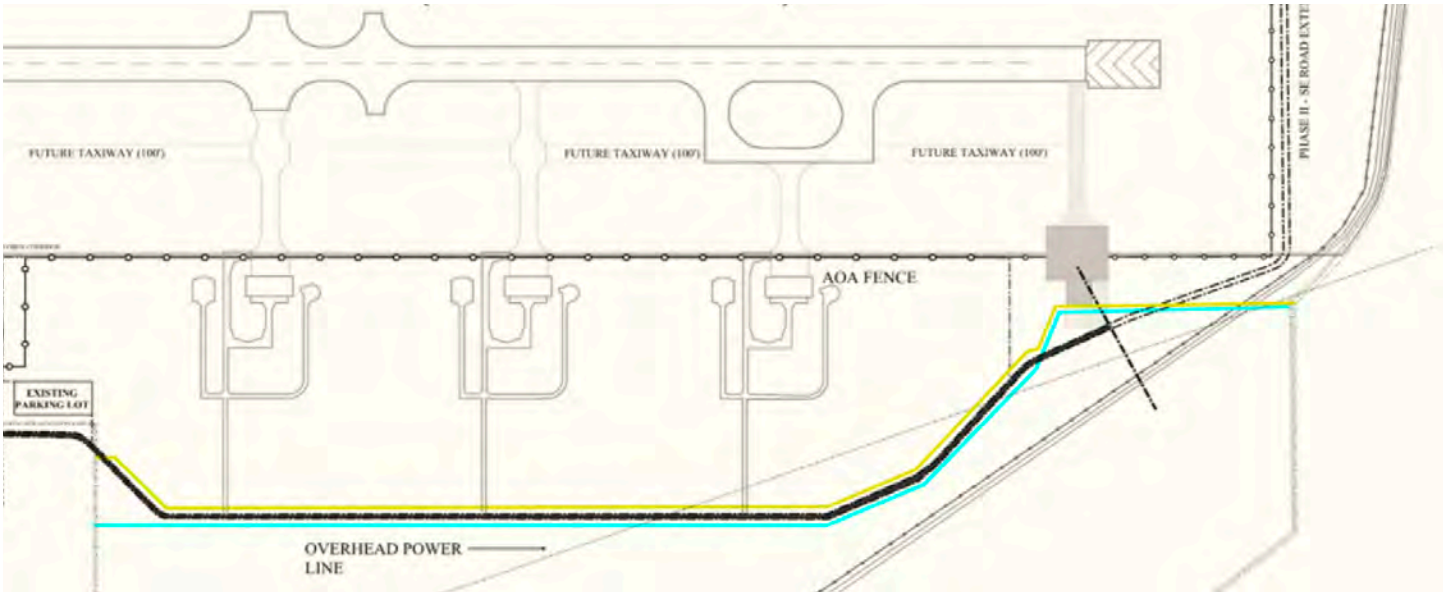
« Students from throughout New Mexico continue to visit Spaceport America. A group of nearly 100 ninth-grade students from Hobbs Municipal School visited in October of 2024, making a round trip journey of 11 hours to learn about the site.

« Engagement with K-12 students is not solely limited to Spaceport America personnel. On Friday, Sept. 6, 2024, a group of students from Las Cruces N.M., and Truth or Consequences, N.M., met and learned from retired NASA astronaut Nicole Stott (far left).

« On-site STEM programming is an additional way Spaceport America personnel engage with students. At the Canutillo Middle School STEAM Fair, team members brought the Spaceport to the students for a day of learning.

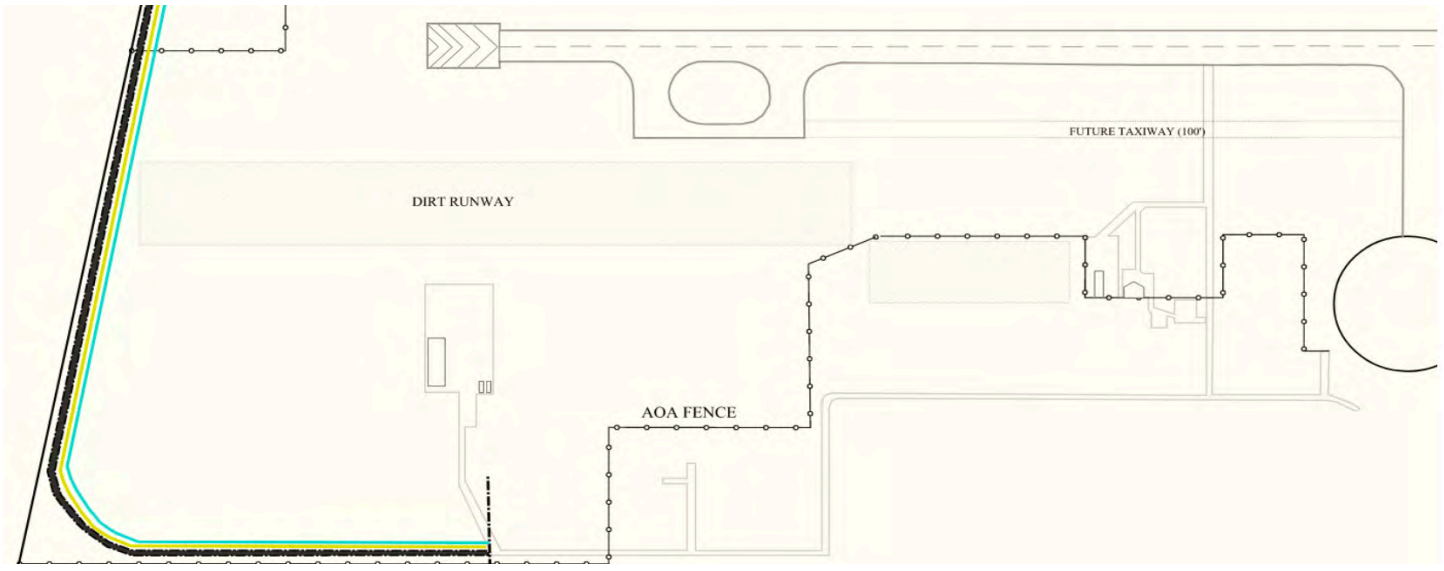
CAPITAL PROJECTS

HORIZONTAL LAUNCH AREA SOUTHWEST ROADWAY AND UTILITY EXTENSION



- Cost of $2.5 million
- Will extend the roadways and utility coverage areas on the southwest end of the runway/taxiway
- Funded by monies released by the Regional Spaceport District (RSD) board on July 11, 2024
- Estimated completion set for Q4 of 2025

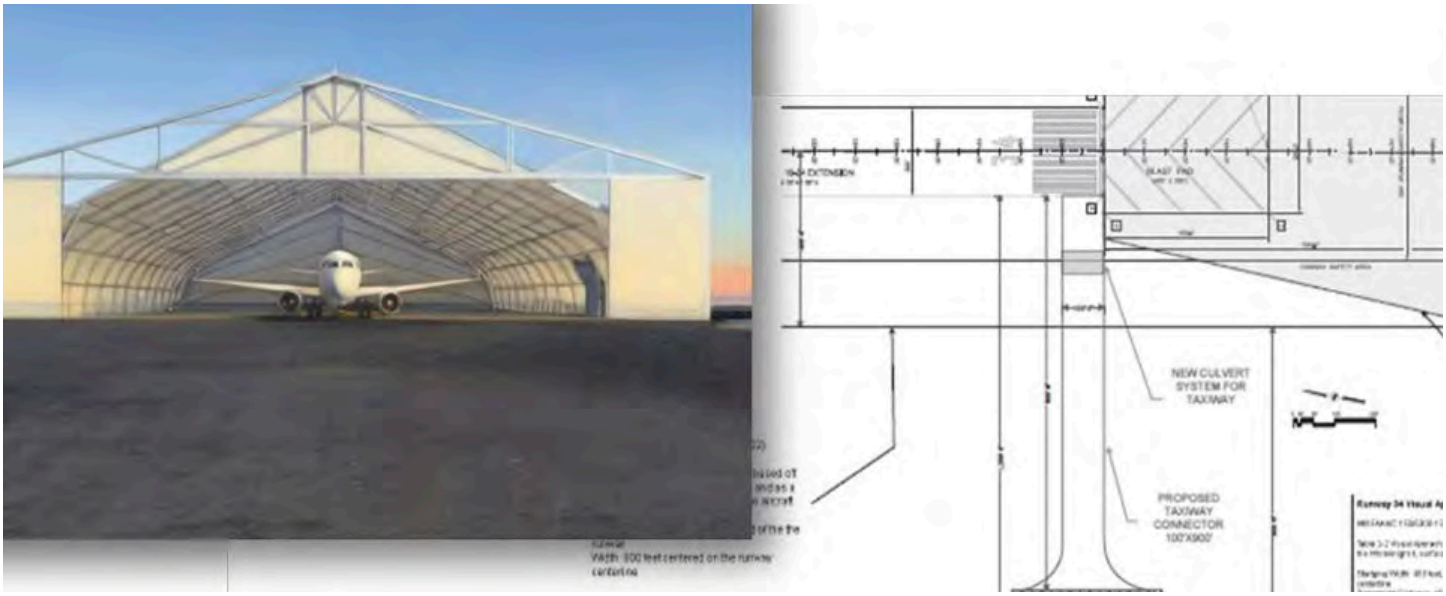
HORIZONTAL LAUNCH AREA NORTHEAST ROADWAY AND UTILITY EXTENSION



- Cost of $3.4 million
- Will extend the roadways and utility coverage areas on the northeast end of the runway/taxiway
- Funded by monies released by the Regional Spaceport District (RSD) board on July 11, 2024
- Estimated completion set for Q4 of 2025

CAPITAL PROJECTS (cont.)

HORIZONTAL LAUNCH AREA NEW HANGAR



- Funded at $10 million
- Will allow additional customers and tenants at Spaceport America
- Being built at the southern end of the runway (156'x156' dimensions)
- Current hangar (90'x90' dimensions) is leased 90% of the time
- Estimated completion set for Q4 of 2025

SPACEPORT TECHNOLOGY AND RECEPTION CENTER (STARC)

- Funded at $18 million
- Provides needed operations, IT, security, and visitor areas
- Will contain areas for existing and future tenants, and payload processing area
- Estimated close-out set for Q4 of 2026
- Photo is artist's rendering

ORBITAL REENTRY LICENSE

• Spaceport America submitted its Orbital Reentry License paperwork to the Federal Aviation Administration (FAA) in September of 2024. The license is expected in sometime in 2025 or in early 2026.
• The agency, through its existing FAA Launch Site Operator license, supports vertical and horizontal launches to both orbit and suborbit.
• An orbital reentry can would be able to occur on Spaceport America's 12,000-foot long, 200-foot wide runway or elsewhere at the site.
• A reentry license will enable Spaceport America to accommodate various reentry vehicles, including crewed, uncrewed, and reusable spacecraft while encouraging facilities for recovery and refurbishment.

« Spacecraft such as Sierra Space's Dream Chaser are examples of craft Spaceport America could support orbital reentry for once licensed (photo credit: Sierra Nevada Corporation).

« Boeing's Starliner capsule made its return to Earth by landing at White Sands Missile Range in New Mexico in early September of 2024. The potential for this kind of vehicle reentry exists for Spaceport America in the near future (photo credit: NASA).

BUSINESS DEVELOPMENT

• Negotiations underway for a new solar powered data center, expected to enhance energy efficiency, and attract high-tech tenants
• Ongoing testing for a new drone air glider designed for agricultural applications
• Plans for additional satellite communication ground stations
• Continue work with Commercial Spaceflight Federation (CSF) for federal grants for spaceports
• Site visits by various site selectors for development opportunities
• Working with various horizontal and vertical launch providers to explore capabilities for operations at site
• Working on Inland Orbital Launch promotion

« FY2024 NMSA Financial Statement

« Attendance at regional and national trade shows and conventions is one of the primary ways Spaceport America attracts new customers and tenants to site. In January of 2024, Dr. Francisco Pallares (left) and Rani Bush (right) attended SpaceCom to represent NMSA in the business development and business operations sectors.

« International collaboration is ongoing with the nation of Italy as it seeks to construct its first spaceport. Representatives from Italy's Aerospace Technological District and the University of New Mexico visited Spaceport America in August of 2024 to get a first-hand look at the site.

« A number of film projects, including an episode of *How Did They Build That?* (pictured), were shot at Spaceport America through 2024. Filming and ground vehicle testing are examples of additional operations which are supported at the site.

« Director of Business Development Dr. Francisco Pallares (left) and Executive Director Scott McLaughlin (right) were part of a delegation from New Mexico who attended the Space Symposium in Colorado in April of 2024.

SELECTED REGIONAL COLLABORATIONS

« In December of 2024, Spaceport America officials welcomed civic and university leadership from the surrounding area to the site for a one-of-a-kind visit designed to enhance the collaborative efforts of the region. High-ranking university personnel from the New Mexico State University, New Mexico Tech, the University of New Mexico and the University of Texas at El Paso took part in the visit to foster further collaboration between all represented organizations.

« Spaceport America and the Middle Rio Grande Economic Development Association (MRGEDA) signed a Memorandum of Understanding (MOU) in late April of 2024. The collaboration between the two organizations was designed to bolster the connections between Spaceport America and three counties in central New Mexico - Sierra, Socorro, and Valencia - in order the enhance the economies of each.

« Strengthening its connection with the region, Spaceport America inked a Memorandum of Understanding (MOU) with globally recognized economic engine The Borderplex Alliance in January of 2024. Through the strategic alliance, the two organizations will collaborate on marketing, business development, and policies that enable the commercial space industry to thrive in the region.

« The New Mexico Amigos - the goodwill ambassadors for the Land of Enchantment - visited Spaceport America on Sunday, April 21, 2024, where they enjoyed a tour of Virgin Galactic's operation as well as presentations by Spaceport officials. Among the 280-member group present were New Mexico Governor Michelle Lujan Grisham, New Mexico State Senator George Muñoz, and New Mexico State Representative Dayan Hochman-Vigil.

« Spaceport America officials joined a host of other space and aerospace representatives from the area at New Mexico State University's Arrowhead Center on October 17, 2024, to take part in a ribbon-cutting ceremony for NewSpace Nexus' co-innovation hub.A first-of-its kind center in southern New Mexico, the hub is housed at the Arrowhead Center and aims to pioneer clean energy solutions, push the frontiers of the space economy, and create a launchpad where breakthrough technologies are brought to life.

ECONOMIC IMPACT*

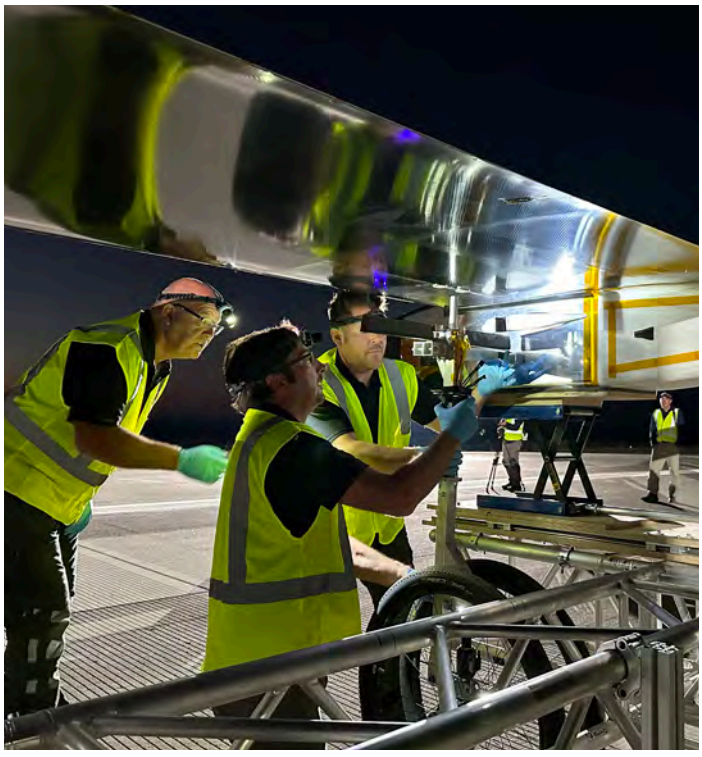
$60 million
« Total value added production

$45 million
« Total labor income

$24 million
« Total value added production for Sierra County

$27 million
« Total value added production for Doña Ana County

810
« Total jobs created as a result of Spaceport America



*data taken from Spaceport America's 2022 Economic Impact report published by New Mexico State University's Arrowhead Center.

“This launch was conducted smoothly and reflects the success of our partnership with UP Aerospace, Spaceport America, and White Sands Missile Range.”

- *STEPHEN JUDD*, Los Alamos National Laboratory program manager, regarding successful Cyclone-1 mission in November of 2024.

photo credit: Bill Gutman

SPACEPORT AMERICA®

MAIN/CORPORATE OFFICE
4605 Research Park Circle,
Ste A Las Cruces, N.M. 88001
575.267.8500

PHYSICAL SITE*
Co Road A021
Truth or Consequences, N.M. 87901
575.267.8500

THE GATEWAY TO SPACE®

Visiting and touring Spaceport America requires prior authorization
* Not to be used as a mailing address