



Oklahoma Space Industry Development Authority (OSIDA) Agency 34600

FY 2026 Budget Hearing Presentation

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The Oklahoma Space Industry Development Authority (OSIDA) serves to plan spaceport systems and projects in this state, to promote the development and improvement of space exploration and spaceport facilities, to stimulate the development of space commerce and education, including, but not limited to, the commercialization of the space industry and the development of space-related industries, to promote research and development related to space and space-related industry, and to promote tourism in connection with the foregoing. Established in 1999, this agency now encompasses the following divisions: the Oklahoma Air & Space Port located at Clinton-Sherman Airport (CSM) in Burns Flat, a general aviation public airport with several hundred acres of land for lease and development. OSIDA also manages a Joint-Use-Agreement (JUA) with the U.S. Air Force for Air Education and Training Command (AETC), and is currently one of only 14 FAA-licensed spaceports in the U.S.

The Oklahoma Space Industry Development Authority actively recruits and oversees the development, growth, and retention of space-related business and industry throughout the entire state of Oklahoma.

OSIDA also operates an 1,100-acre industrial park adjacent to the airport/spaceport which features land for lease and development featuring streets, utilities, buildings, water and wastewater system, leased golf course and restaurant, high-speed fiber optic access, and even a locally operated medical clinic.

Agency Introduction

The **Oklahoma Space Industry Development Authority (OSIDA)** serves as the operator of the Oklahoma Air & Space Port and Industrial Park at Clinton-Sherman Airport (KCSM) in Burns Flat, Oklahoma located in Washita County.

Title 74. State Government
§74-5203.

Established in 1999 by the Oklahoma Legislature, the Oklahoma Space Industry Development Authority (OSIDA) serves to plan spaceport systems and projects in this state, to promote the development and improvement of space exploration and spaceport facilities, to stimulate the development of space commerce and education, including, but not limited to, the commercialization of the space industry and the development of space-related industries, to promote research and development related to space and space-related industry, and to promote tourism in connection with the foregoing.

- OSIDA's Oklahoma Air and Spaceport at Clinton-Sherman Airport (KCSM) in Burns Flat is a 2,700 acre airport, spaceport and industrial airpark. It has one of the longest and widest runways in North America (13,503' x 300', with 1000 foot overruns) with a 100-acre concrete ramp for aircraft parking, six (6) commercial size aircraft hangars (total of 100,000 sq. ft.) ideal for lease, storage, Maintenance Repair Overhaul (MRO) operations, aircraft painting and interior refurbishment. The Oklahoma Air and Spaceport is one of only 14 licensed spaceports in the U.S. and is also an FAA public-use airport complete with an operational ATC tower and an Aircraft Rescue and Fire Fighting (ARFF) unit.
- The Oklahoma Space Development Authority also oversees the 150-mile by 45-mile "Infinity One" spaceflight corridor. With its northwest (polar) trajectory, it is the first inland corridor designed and operating without interference with Military Operations Areas or in Restricted Airspace.
- The Airpark consists of more than 1,000 acres of land available for industrial lease and expansion. Bonding authority is available to build to customer specifications. The Aerospace Industrial Airpark is not governed by the FAA or Office of Commercial Space Transportation, however, the Federal Aviation Administration mandates that all monies generated on the Air and Spaceport be accounted for separately and utilized for the upkeep, maintenance and repair of the Air and Spaceport infrastructure only.



Agency Vision, Mission, and Core Values

Vision: *The Oklahoma Space Industry Development Authority is resolved to create in this decade a commercial spaceport that will expand and economically develop the space frontier with advanced spacecraft operating facilities and concentrations of aerospace industries in Oklahoma. We will provide clear direction to the futuristic and visionary planning necessary to place Oklahoma in the forefront of national efforts to access space more cheaply and safely. Proactive business development activities will attract space related industries to our state that will have a positive economic development impact on the future and well-being of all Oklahomans.*

Mission: *The mission of the Oklahoma Space Industry Development Authority is to plan and conduct business development activities for the Oklahoma Air & Space Port to attract more aerospace related industry in Oklahoma. OSIDA intends to successfully promote and stimulate the onsite facilities to create commercial space projects, launch systems, education, aeronautical research and development (R&D) and testing. This includes the potential to conduct Unmanned Aerial System (UAS) development and testing.*

Core Values: *As an agency of the State, we value the principles of integrity, professional courtesy, equality, fairness and service to the people of Oklahoma. With these values in mind, rules, policies and procedures have been developed with diligence and prudence to guide our efforts in the interest of the public and to safeguard the resources of the State in our care. As employees, we shall maintain a high degree of professional ethics, ability and job satisfaction to further the economic development of the State. Our objective (goal) is to treat all visitors and companies who come before us as customers who deserve fairness, respect, attention and service. We approach our assignments with a high degree of honesty, teamwork, commitment, hard work, and respect for the individual and with clearly defined objectives. Appointed Directors of the Board will continue to lead the way, not only by example, but also through continuous staff instruction in the highest principles of public service.*



Accomplishments

Top accomplishments for FY 2024 – FY 2025

Progressing Rural Economic Prosperity – PREP Projects (\$27.5M)

- Began Spring 2024 – Expected completion Summer 2027
- \$17M – Initiated on 11/6/24 major runway repair (Joint seal, pavement spall repair, panel replacement) to include five taxiways, sections of 96-acre concrete apron, rubber removal, repainting/re-striping, and electrical upgrades to include new LED runway lighting, switches, ILS equipment, and signage.
- <\$5M – Partnering with ODAA, acquire and implement FAA-acceptable aerospace “Detect & Avoidance” radar-type technology providing companies (e.g. Kratos) capability to conduct more frequent system testing and development in the state. (Board approved 11/13/24)
- \$4.5M – Property improvements/hangar development/repairs/building demolition (continuing)
- \$1M – Security enhancements (e.g. gate access control equipment/cameras) (Q1 2025)

American Rescue Plan Act (ARPA) \$4.25M

- ✓ Bid opening December 5, construction anticipated Q1 2025 – Expected completion approximately 12 -15 months
- ✓ Repair and Upgrade Water System – expand system adding a new well; repair water storage tanks; new pumps with electronic controls/security system; water meters; multiple, strategically-placed water shut-off valves.
- ✓ Repair and upgrade wastewater system – dredge and secure retention ponds; replace pumps and valves; replace shut off valves; install meters; and repair and secure connector vault and manholes.
- ✓ High-speed fiber installed (Q2 2024) with multiple wireless bridges providing for greater Internet capability and access.



Analysis of Agency Challenges

	Challenge	Current Actions (Briefly describe how the agency is currently addressing the challenge.)	Planned Actions (Briefly describe how the agency plans to address the challenge going forward.)
1	Perception that OSIDA merely operates an airport	Educating the public, potential stakeholders, policymakers and potential space companies through public outreach (trade shows, civic club engagements, face-to-face meetings, social media)	Involve the Board and knowledgeable policymakers in public outreach efforts; increase social media exposure; publicly tout successes through media
2	Perception that OSIDA is solely a spaceport focused on vertical launch from Burns Flat.	Expand understanding that OSIDA's mission is to facilitate growth of Oklahoma's space economy, support STEM initiatives, and to develop the state's ability to sustain a space economy through collaboration with public sector, universities, and private sector. Educating the public, potential stakeholders, policymakers and potential aerospace companies through public outreach (trade shows, civic club engagements, face-to-face meetings, social media) regarding the current and near-term technology opportunities.	Involved the Board and knowledgeable policymakers in public outreach efforts; increase social media exposure. Continue outreach within the US space industry, public and private, to expand knowledge of OK's capabilities and assets. Identify potential opportunities for Space Force activities.
3	Aligning perceptions and expectations with the state of the possible.	Communicate that current technology to enable safe inland vertical launch does not yet exist, nor does the technology for horizontal launch to orbit.	Communicate and demonstrate that horizontal <u>sub</u>orbital launch can be accomplished at the OK Spaceport with the Dawn Aerospace vehicle.



Savings & Efficiencies (Current or Planned)

Savings or Efficiency Name	Brief description of how savings were achieved	Savings in Unit of Measurement	FY 2024 (Actual \$ Savings)	FY 2025 (Projected \$ Savings)	FY 2026 (Projected \$ Savings)
<i>Ex: Reduced Fleet</i>	<i>Sold 3 vehicles no longer necessary due to decreased staff size.</i>	<i>3 vehicles</i>	<i>\$135,000</i>	<i>\$0</i>	<i>\$0</i>
Runway lighting and electrical project	Early calendar 2025 - Replacing nearly 5 miles of incandescent light bulbs, fixtures, and related infrastructure with highly efficient LED and upgraded infrastructure	Reduced electrical load using more efficient LED	N/A	Yet Unknown	Yet Unknown



Agency Goals and Key Performance Metrics

Goal		Metric	FY 24 Target*	FY 24 Actuals	FY 25 Target	FY 29 Target
1	Initiate and complete several phases of major runway, taxiway, and apron pavement repair projects	OSIDA works closely with our airport engineer on one, five, and 10-year plans for the airport runway and its related electronic systems, rubber removal, markings, and FAA airport layout and design requirements to maintain a safe and usable runway for the U.S. Air Force, general aviation users, and all other aerospace and space customers.	\$1.2M	\$0	\$19M	\$2.5M
2	Attract and secure space companies to look to locating assets and capabilities to Oklahoma	Until January 2024, there were zero space companies at CSM. Today there is one and others are showing interest.	1	1	3	5
3	Complete long-overdue improvements to water and wastewater systems to accommodate increasing capacity requirements	Water system currently has 3 wells capable of about 250,000 gpd at 52 psi. Wastewater system is a lagoon system currently handling 250,000 gpd and capable of 400K gpd. Will expand to 4 wells, improve existing infrastructure (storage tanks, shut off valves, pumps, and dredge lagoons)	<\$10,000	\$145,034	\$4M	<\$10,000
4	Working with space companies, design and build necessary components/infrastructure that they need and will utilize in order to locate to and grow in Oklahoma	OSIDA currently has only one space company located at the spaceport. Transformation continues with additional space tenants and related activity which will be a significant indicator that the space economy is expanding in Oklahoma.	N/A	N/A	\$100M	\$100M



Projects for FY 2025

As part of its mission to promote the development of space exploration and facilities in Oklahoma, OSIDA is currently leading discussions with at least four major space-capable companies to include:

- **Dawn Aerospace** - Although the Oklahoma Air & Space Port received its license from the FAA Office of Commercial Space Transportation in June 2006, it has never hosted a suborbital or orbital space flight. That could immediately change after Dawn Aerospace begins their Mk-II flight operations in Oklahoma. This reusable vehicle is capable of conducting more than 100 suborbital launches per year from Burns Flat, potentially making it the busiest spaceport in the nation! This means more jobs in the state; more tenants/customers, suppliers, partners, trainers, inspectors, and spectators - and more revenue. Dawn will establish their U.S. presence at Burns Flat and assist OSIDA in business development for the vehicle. They will also train Oklahomans to perform all required maintenance, repair, and overhaul operations. **Initial infrastructure and development costs for the state - \$16M**
- **Agile Space** - The United States has a significant capability gap for testing in-space hypergolic bi-propellant engines. As the United States looks to ensure domestic capabilities that support cutting edge space technologies for science, exploration, and national defense, a lack of hypergolic bi-propellant testing facilities has created a significant barrier to American supremacy in space. Working with the Oklahoma Department of Commerce and the Artemis Group, OSIDA has attracted Agile Space to the state to help secure a **\$20M incentive package** to begin construction on this facility in Tulsa in early 2025. This space engine test facility will provide new jobs for technicians and engineers in Oklahoma and serve as a catalyst for manufacturing spacecraft in the state. In addition, Oklahoma will become the center of space engine testing capabilities for end-to-end space transportation services, potentially bringing \$10s of millions to the state economy annually. In addition to the Tulsa test facility, OSIDA is working with Agile to locate an area within the state to test much larger thrusters that require a more remote location (e.g. Oklahoma Air & Space Port?).
- **Phase Four** – OSIDA worked with the Artemis Group, the University of Oklahoma (OU), and in-space propulsion company Phase Four, to establish a radio-frequency electric propulsion laboratory on campus in a collaborative effort to bolster U.S. space supremacy and end the dependency on Russia and China in the critical war-fighting domain of space. Phase Four has developed a radio-frequency (RF) electric propulsion system that utilizes iodine as the fuel source. Iodine has been proven to perform just as effective as traditional satellite fuels provided by our adversaries, and because it stores in-space as a solid instead of a gas, has the potential to reduce the mass, cost, and complexity of these national security assets. Oklahoma is the 3rd largest producer of iodine in the world, positioning the state as the ideal location for the research, development, and high-volume manufacturing of these propulsion systems. **Infrastructure and development costs for the project - \$5M**
- **Redwire Space** – Redwire is currently competing for a \$50M+ NASA contract for a lunar mission in 2027. They are one of many companies who are a part of the NASA Commercial Lunar Payloads Services (CLPS) program. Redwire, like many of the other CLPS providers, needs access to assembly, integration, and test (AI&T) facilities to complete the final stages of their lander production. OSIDA is currently working to assess their requirements and believe we could build an AI&T facility in the state to serve and attract this and many other commercial space companies. In addition to lander companies, these AI&T facilities are critical to satellite manufacturers as they seek to complete the final stages of production. **Infrastructure and development costs for the project: \$5M**



Projects for FY 2026

Continuing the momentum toward space-related development in the state, OSIDA aims to:

- Secure a study on the potential and requirements for inland launch (\$125K);
- Continue marketing and outreach efforts to attract and secure space companies and industry innovators to Oklahoma;
- Build out facilities for Dawn Aerospace (hangar; maintenance bay; offices; payload processing facility);
- Develop facilities to expand aerospace and space development at spaceport (box hangars; taxiways; fuel farm; office space; etc.);
- Renew FAA Spaceport license;
- Renew Air Force Joint Use Agreement (JUA);
- Nurture and maintain space-capable enterprises in Oklahoma

Utilize a requested “Quick Action Development Fund” to efficiently address space company development needs/requirements (specialized hangar/office space; payload processing facilities; engine test stand(s); fuel development/storage; engineering for the above);

Work with existing tenants at the spaceport to identify areas of need and build out facilities at the spaceport to enable continuing growth and development.



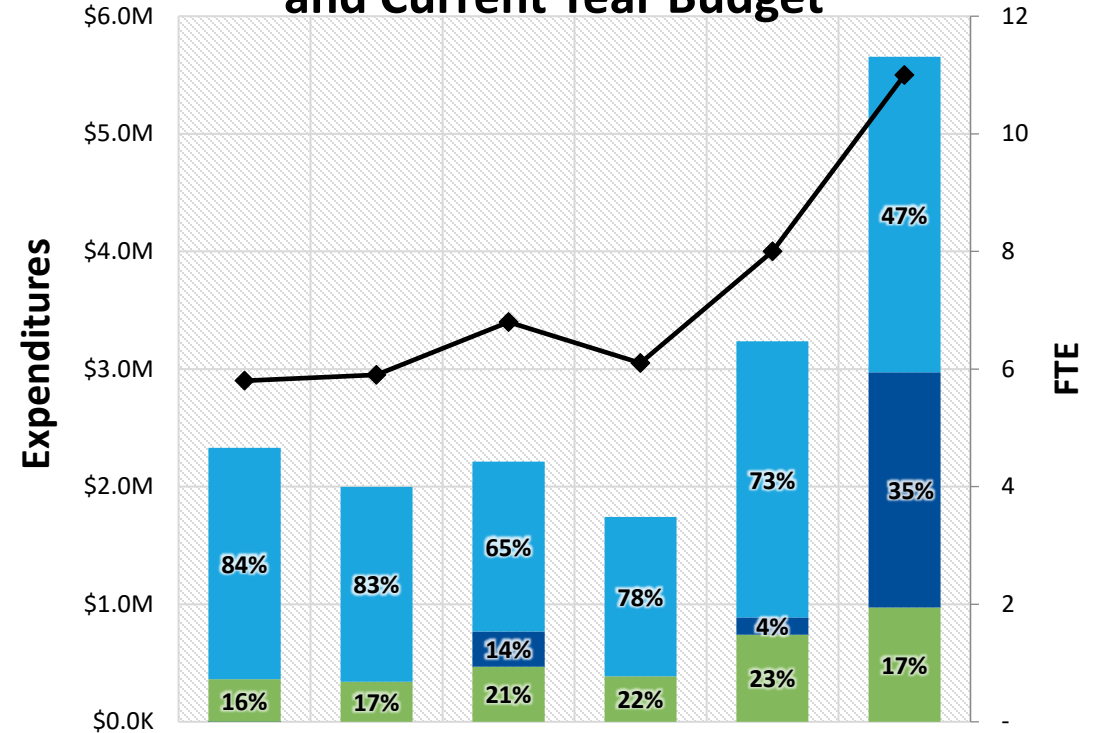
Total Historic Actual Expenditures (FY 2020-24) and Current Year Budget (FY 2025)

Explanation of Changes and Trends

In FY '23, OSIDA reassigned responsibilities after the departure of the Facilities Manager, and promoted from within to fill existing positions, allowing opportunities for advancement within the OSIDA workforce. Tenant growth in late 2022 necessitated the addition of an Airport Manager, and anticipated retirements in the near term will require new FTE hires. While training and transition of responsibilities are occurring, our number of FTEs will be 11 for a short period of time, and then we revert to the expected 9 FTEs following the retirements.

Revolving accounts permit valuable resources to accumulate year over year to then assist in funding significant airport/spaceport/industrial park projects.

Historic Total Actual Expenditures and Current Year Budget



	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025 YTD Budget
Appropriated	\$361.9K	\$340.2K	\$468.6K	\$387.4K	\$741.3K	\$973.1K
Revolving	\$2.0M	\$1.7M	\$1.4M	\$1.4M	\$2.3M	\$2.7M
Federal			\$300.0K		\$145.0K	\$2.0M
Total	\$2.3M	\$2.0M	\$2.2M	\$1.7M	\$3.2M	\$5.7M
FTE	6	6	7	6	8	11



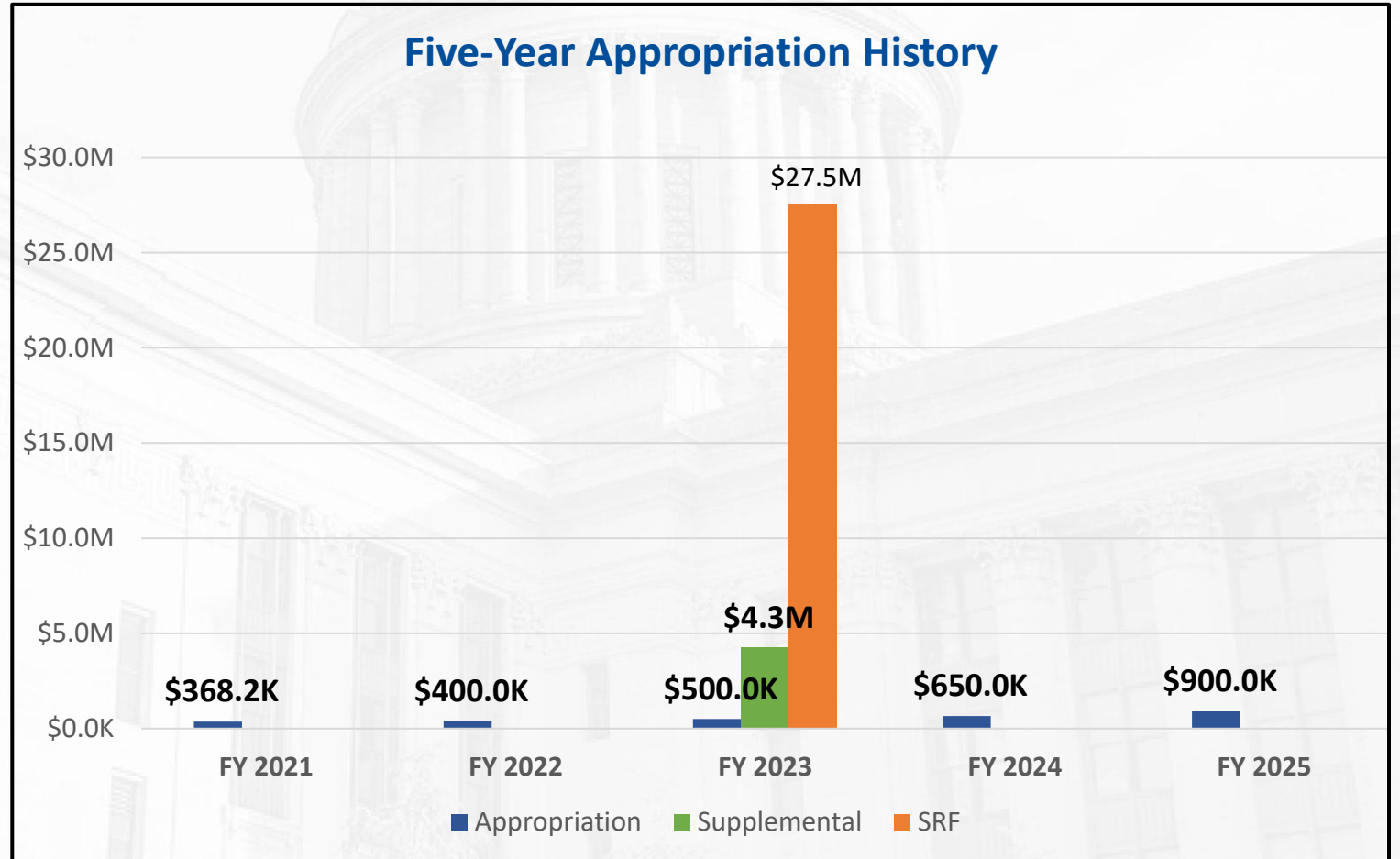


FY 2025 Budgeted Full Time Equivalents (FTE)

	FY 2025 Budgeted FTE
Total FTE	10
Supervisor FTE	3
Supervisors to Total FTE Ratio (%)	.3
Current Budgeted but Unfilled FTE	1.9

Appropriation History

Fiscal Year	Legislated Appropriation (\$) <i>(Includes supplementals and SRF/ARPA if applicable.)</i>
FY 2021	\$368,225
FY 2022	\$400,000
FY 2023	\$650,000
FY 2024	\$1,134,075 ARPA INCLUDED
FY 2025	\$900,000
Avg. 2000-2024	~ \$400,000



Financial Resource Analysis

Carryover	FY 2021	FY 2022	FY 2023	FY 2024
Total appropriated carryover amount expended (\$)	\$ 340,227	\$ 468,628	\$ 387,354	\$ 727,901

Historical Cash Balances	FY 2021	FY 2022	FY 2023	FY 2024
Year End Revolving Fund Cash Balances <i>(All Revolving Funds)</i>	\$3,112,163	\$2,937,539	\$ 30,610,067	\$ 31,773,219

Revolving Class Fund # <i>(Unrestricted only)</i>	Revolving Class Fund Name <i>(Unrestricted only)</i>	Current cash balance (\$)	Projected FY 2025 year-end cash balance (\$)
#	N/A	\$	\$
#		\$	\$
#		\$	\$
#		\$	\$
#		\$	\$
#		\$	\$
	Total Unrestricted Revolving Fund Cash balance:	\$	\$



Unrestricted funds are those that are not limited by state or federal law, rule, regulation, other legally binding method, or donor restriction.

FY 2023 – 2024 Appropriation Change Review

<i>Purpose of appropriation increase or decrease</i>	<i>Amount FY 2023</i>	<i>Amount FY 2024</i>	<i>Total amount received FY 2023 - 24</i>	<i>Total amount expended by 11/1/2024</i>	<i>Included in FY 2025 approp? (Yes/No)</i>	<i>If not expended fully, please explain.</i>
Staffing & contract needs and OSISA duties by law.	\$100,000	\$250,000	\$350,000	\$	NO	
	\$	\$	\$	\$		
	\$	\$	\$	\$		
	\$	\$	\$	\$		
	\$	\$	\$	\$		
	\$	\$	\$	\$		
	\$	\$	\$	\$		
	\$	\$	\$	\$		
	\$	\$	\$	\$		
Totals	\$	\$	\$	\$		



**Do not include SRF / ARPA appropriation increases.*

FY 2025 Appropriation Change Review

<i>Purpose of appropriation increase or decrease</i>	<i>Amount of increase or decrease (\$)</i>	<i>Does this need to be included in your FY 2026 appropriation? (Yes/No)</i>	<i>If yes, included in appropriation for same purpose? (Yes/No)</i>	<i>If not included for same purpose, please explain.</i>
Duties imposed by authority of law	\$ 250,000	NO	NO	
	\$			
	\$			
	\$			
	\$			
	\$			
	\$			
	\$			
	\$			
Total adjustment	\$			



**Do not include SRF / ARPA appropriation increases.*

Budget & Supplemental Incremental Request Summary

		FY 2026 Incremental Appropriation Request Amount (\$) <i>{or FY 2025 for Supplementals}</i>	Type of Request: Recurring, One-time, or Supplemental
1	Dawn Aerospace	\$ 6,000,000	One-time or supplemental
2	Development of assets necessary to recruit and retain space companies	\$ 25,000,000	FY2026-\$ 10,000,000 FY2027- \$ 5,000,000 FY2028- \$5,000,000 FY2029 - \$5,000,000
3	Space and general aviation buildout (design and taxiway for new hangars)	\$ 3,100,000	One-time
4			
5			



(1) Supplemental Budget Request

Dawn Aerospace	
Type: Supplemental	\$6,000,000 Amount Requested for FY 2025
<p>State leaders are in negotiations with Dawn Aerospace https://www.dawnaerospace.com/ which is offering to the state a reusable, unmanned, space-capable vehicle that takes off and lands like a traditional airplane providing access to weightlessness for testing, research, business development, STEM education, and experimentation. The vehicle would be based at the Oklahoma Air & Space Port and Dawn will schedule flights (up to at least 100 per year and as many as a thousand during the vehicle’s lifespan) with customers and universities while training local, onsite personnel to maintain, repair, and operate the MK-II. Dawn has larger, with greater payload capacity, vehicles on their design board and plans to locate their U.S. operations from New Zealand to Oklahoma to include design and manufacturing – positioning Oklahoma to become a leader in space access and manufacturing. Dawn will require a hangar, maintenance bay, offices, and payload processing facility at CSM and this request is to secure funding for the design and construction of this facility.</p>	



(1) Incremental Budget Request

Spaceport Development	
Type: Recurring	\$10,000,000 Incremental Recurring Amount Requested for FY 2026
<p>OSIDA is currently working with at least four space-related companies and discussions have been raised by each about possible development needs and requirements that could necessitate immediate funding capability to begin the engineering and possibly construction (hangars, payload processing facilities, engine test stands, etc.). Having access to a quick action development fund to initiate a necessary project rapidly without the delay associated with waiting until the next Legislative session to potentially secure the needed funding. It could be placed in an OMES/Treasurers revolving account that would require the traditional OMES/Treasurer's process and possibly OSIDA Board approval before it could be expended providing a responsible, more nimble process moving at the speed of business.</p>	





Appendix

- Appropriations History
- Improvement/Development Plans

History of OSIDA Appropriations

- In 2006, OSIDA was deeded a 50+-year-old facility **already facing a two decade backlog of deferred maintenance** and repair. The Oklahoma Legislature historically funds this agency at or very near the bottom in the annual amount of state appropriations with year-over-year **average funding** at or around **\$400,000 a year** – totaling only about \$11M total since the agency was stood up and first funded in 2000. This most recent appropriation of \$900,000 represents only about **.00011 of the state’s \$8.1 billion budget** in 2024.
- FY 2014 - \$394,589
- FY 2015 - \$372,432
- FY 2015 - \$372,432
- FY 2016 - \$345,431
- FY 2017 - \$311,964
- FY 2018 - \$290,324
- FY 2019 - \$300,898
- FY 2020 - \$383,599
- FY 2021 - \$368,225
- FY 2022 - \$400,000
- FY 2023 - \$500,000
- FY 2024 - \$650,000
- FY 2025 - \$900,000
- **FY 2023 1X PREP/ARPA – \$27.5M/\$4.25M (\$31.75M Total)**



Improvements / Development Plans

Progressing Rural Economic Prosperity – PREP Projects (\$27.5M)

- Began Spring 2024 – Expected completion Summer 2027
- \$17M – Major runway repair (Joint seal, pavement spall repair, panel replacement) to include five taxiways, sections of 96-acre concrete apron, rubber removal, repainting/re-striping, and electrical upgrades to include new LED runway lighting, switches, ILS equipment, and signage.
- <\$5M – Partnering with ODAA, acquire and implement FAA-acceptable aerospace “Detect & Avoidance” radar-type technology providing companies (e.g. Kratos) capability to conduct more frequent system testing and development in the state.
- \$4.5M – Property improvements/hangar development/repairs/building demolition
- \$1M – Security enhancements (e.g. gate access control equipment/cameras).

American Rescue Plan Act (ARPA) \$4.25M

- ✓ Construction Anticipated to Begin in Spring 2025 – Expected completion approximately 12 -15 months
- ✓ Repair and Upgrade Water System – expand system adding a new well; repair water storage tanks; new pumps with electronic controls/security system; water meters; water shut-off valves.
- ✓ Repair and upgrade wastewater system – dredge and secure retention ponds; replace pumps and valves; replace shut off valves; install meters; and repair and secure connector vault and manholes.

