



**OKLAHOMA AEROSPACE AND AERONAUTICS COMMISSION MEETING
WEDNESDAY, AUGUST 7, 2024, AT 10 AM
OKLAHOMA DEPARTMENT OF TRANSPORTATION
FIRST FLOOR COMMISSION ROOM
200 NE 21ST STREET, OKLAHOMA CITY, OK**

NOTE: The Oklahoma Aerospace and Aeronautics Commission may discuss, vote to approve, vote to disapprove, vote to table, decide not to discuss, or change the order of any item on the agenda. Any conflicts of interest must be disclosed prior to discussion, and the conflicted Commissioner must recuse from all discussion and votes pertaining to that item.”

AGENDA

1. ANNOUNCEMENT OF COMPLIANCE WITH THE OPEN MEETING ACT, FILING OF MEETING NOTICE, AND POSTING OF THE AGENDA — Chairman Charles Ortega and Chris Wadsworth, Chief of Staff

Pursuant to the Oklahoma Open Meeting Act, this meeting shall be held at the Oklahoma Department of Transportation (ODOT) First Floor Commission Room, 200 NE 21st Street in Oklahoma City, Oklahoma.

The Oklahoma Aerospace and Aeronautics Commission Meeting is open to the general public, but it is also available to watch through the link listed below:

To watch:

Public access meeting link: <https://video.ibm.com/channel/CKEfwftDGHZ>

Make sure the volume on your PC (or other device) and the Ustream volume are turned up.

The meeting will be electronically recorded, and audio livestreamed from 200 NE 21st St., Oklahoma City, Oklahoma 73105.

Public Access to complete Commission Packet: <https://oklahoma.gov/aerospace>

2. CALL TO ORDER AND RECORDING OF MEMBERS PRESENT AND ABSENT — Chairman Charles Ortega and Antonja Ceballos, Executive Assistant to Executive Director Grayson Ardies

3. APPROVAL OF THE MINUTES OF THE OKLAHOMA AEROSPACE AND AERONAUTICS COMMISSION MEETING ON JULY 10, 2024 - Chairman Ortega

Action Required

4. AIRPORT CONSTRUCTION GRANT PROGRAM CONSENT DOCKET — Grayson Ardies, Executive Director

Any Commissioner may request that any or all of these items be considered individually.

- A.** The Commission will consider approving a state grant for a project that is currently identified in the Commission’s approved Airport Construction Program at **Altus Quarts Mountain Regional Airport**. The project consists of installing a self-serve

AvGas system and Jet A Fuel system. Based on bids, the total project cost is \$1,100,800 and will be funded with \$495,360 of federal grant funds, \$550,400 of state grant funds and \$55,040 of sponsor matching funds. An approval is contingent upon the Department receiving an acceptable grant application.

- B. The Commission will consider approving a state grant for a project that is currently identified in the Commission's approved Airport Construction Program at **Purcell Municipal Airport**. The project consists of rehabilitating runway 17/35. Based on bids, the total project cost is \$331,341 and will be funded with \$314,773 of state grant funds and \$16,568 of sponsor matching funds. An approval is contingent upon the Department receiving an acceptable grant application.

Action Required

5. **AERO EDUCATION PROGRAM FRAMEWORK FOR FISCAL YEAR 2025 – Director Ardies**

The Commission will consider adopting the following budgetary and programmatic framework for the agency's Aerospace and Aviation Education Program for FY 2025.

- A. Competitive Aerospace and Aviation Education Program Grants: \$732,000.
- B. Aerospace Classroom Laboratory Improvement Grant Program: \$300,000.
- C. ODAA Hosted or Partnered Aerospace and Aviation Education Events, Trainings, and Symposiums to include the following: multiple regional Oklahoma Student Flight Days, Oklahoma UAS Teacher Training and Awareness Conference, Oklahoma AERO Education Training and Professional Development Symposium, multiple Girls in Aviation Days, Oklahoma Teacher Simulator Training, and a Steller Explorers event: \$225,000.
- D. STEM Aerospace and Aviation Competitions and Aircraft Assembly Programs: \$500,000.
- E. ODAA Aerospace Industry Internship Program: \$200,000.

Action Required

6. **AEROSPACE AND AVIATION EDUCATION GRANT PROGRAM CONSENT DOCKET – ADDITIONAL EDUCATION/OUTREACH/WORKFORCE DEVELOPMENT PROGRAMS – Paula Kedy, Statewide Aerospace STEM Education Manager**

Any Commissioner may request that any or all of these items be considered individually.

The Commission will consider approving state aviation grant and contract applications from various aviation and aerospace programs and projects for the FY25 Aerospace and Aviation Education Grant Program.

- A. **Class Matters** - Class Matters, Inc. will host STEM Like Me, Fall and Spring extracurricular events for "at-home" students to experience life as STEM professionals with opportunities to shadow industry experts. Participants gain a working knowledge of engineering, robotics, programming, and hands-on experience in developing prototypes. Older students help young participants understand science, math, literacy, and engineering projects. Participants conclude with elevator pitch competitions to community and corporate representatives. Staff recommends \$5,000.
- B. **Griffiss Institute Explorer Post 256** – The Griffiss Institute Explorer Post 256 is requesting resources to provide practical hands-on learning experiences for students in grades 6-12 in coding, CAD and 3D printing, and glider construction. The experiences foster a deep understanding of aeronautical concepts and technical skills needed by Oklahoma's future aerospace workforce. Staff recommends \$5,000.

- C. Redeemed Flying Corps** – The "Redeemed Flying Corps" secondary/post-secondary program will train four pilots thru ground school and flight training and one aircraft maintenance tech through A&P training. Staff recommends \$8,000.
- D. STAAR Solutions – Tinker Air Show** – Tinker Air Show STEM City will provide an activity area for PreK-12 students filled with booths by sponsors and local STEM related organizations that include robotics, simulated flight, drones and drone technology, samples of much of the engine work by Tinker, Legos and snap exhibits and many other interactive hands-on activities. Staff recommends \$35,000.
- E. Tulsa Air and Space Museum** -- Tulsa Air and Space Museum requests resources for implementing their Aero-STEM program for middle school students that prepares them for the high school AOPA pathway through coursework and hands-on activities in aviation maintenance and engineering, drone flight, pilot training, physics of flight and the rich history of aviation in Oklahoma. Staff recommends \$5,000.
- F. Tulsa Community WorkAdvance / Madison Strategies Group** -- Tulsa Community WorkAdvance requests resources for educating Tulsans for careers in aviation/aerospace, and advanced manufacturing by providing crucial soft skills training and technical training in CNC machining, logistics, and warehousing to 28 adult students. Staff recommends \$10,000.
- G. Tulsa Regional STEM Alliance-Space Week** -- Tulsa Regional STEM Alliance requests resources to support Siegfried Space Week, a series of interactive space-themed activities for students that promote STEM identity and STEM career awareness regarding aviation and space exploration. Field trips and hands-on learning activities with an astrophysicist and aerospace professionals for students and professional development workshops for educators are also part of the week. Staff recommends \$7,220.
- H. Tulsa Regional STEM Alliance-STEM Shoppe** -- Tulsa Regional STEM Alliance requests resources to support STEM Shoppe, a collection of resources, instructional equipment, and supplies available for loan to classrooms, community organizations, and family engagement events. There are dozens of items ranging from math manipulatives to scientific models, and robotics. Staff recommends \$1,150.

Action Required

- 7. AEROSPACE AND AVIATION EDUCATION GRANT PROGRAM CONSENT DOCKET – COMPETITIONS AND EVENTS – Stephanie Holt-Lucas, Aerospace Education Coordinator**
Any Commissioner may request that any or all of these items be considered individually.
 The Commission will consider approving state aviation grant and contract applications from various entities hosting aviation and aerospace competitions and events for the FY25 Aerospace and Aviation Education Grant Program.
 - A. FIRST** – “First Robotics Competition - OK Season” is designed for 7th-12th grade students. FIRST uses robotics to inspire youth in science, technology, engineering and math (STEM). Subject areas include lift, thrust, drag, time & resource constraints, industrial design, project management & analysis, advanced controls & strategic & tactical thinking. Staff recommends \$7,500.
 - B. KISS Robotics** – KISS will implement “The Botball and Junior Botball Programs” K-12. The “Botball and Junior Botball Challenge” are global robotics competitions with a focus on information technology and autonomous systems (ground and aerial). Robotic literacy includes the application of mechanical engineering which is a critical skillset for aerospace engineering. Staff recommends \$10,500.
 - C. Oklahoma Science & Engineering Foundation First Lego League** -- "First Lego League" will be offered to teams of up to 10 students ages 9 -14 who will be guided

through a seasonal specific challenge where they research a real-world problem and develop a solution. They design, build & program an autonomous robot using engineering skills. Staff recommends \$5,000.

- D. Oklahoma State University Speedfest** -- O.S.U. requests resources for "Speedfest" an exciting, high-speed aircraft design / build / fly competition which is intended to foster enthusiasm for aviation and aerospace. Students participate in teams to build and fly planes in two competition classes: Alpha Class for collegiate-level aerospace engineering teams and India Class which consists of high school teams, and teams of K-12 teachers formed from across the state of Oklahoma. Staff recommends \$19,650.

Action Required

8. AEROSPACE AND AVIATION EDUCATION GRANT PROGRAM CONSENT DOCKET – CAMPS AND WORKSHOPS – Stephanie Holt-Lucas

Any Commissioner may request that any or all of these items be considered individually. The Commission will consider approving state aviation grant and contract applications from various entities for aviation and aerospace camps and workshops for the FY25 Aerospace and Aviation Education Grant Program.

- A. Cameron University** – The "Aerospace Engineering & Applied Mathematics Summer Academy" for 6th - 8th grade girls, will be offered by Cameron University as a 5-day residential academy where girls are introduced to the principles of aerospace engineering & math. It has been designed to attract students to careers in science, math & engineering by introducing the physics of flight. Staff recommends \$ 2,455.
- B. Fires Innovation Science and Technology Accelerator** – FISTA will implement a STEM summer day camp called Aviation Exploration for students grades 9-12. The FISTA camp will provide foundational understanding of aviation principles, history and the significance of the aerospace industry using pieces of AOPA and Choose Aerospace curricula. Staff recommends \$1,699.
- C. Guthrie-Edmond Regional Airport** – Guthrie-Edmond Regional Airport will host an airport-based Aviation Summer Camp for ages 8-13. Students will explore four forces of flight, Newton's Law of Motion, build paper airplanes and styrogliders for learning parts of a plane, launch rockets and study aerospace and aviation career opportunities. Staff recommends \$1,000.
- D. Metro Technology Center** -- Metro Tech Center requests resources for the implementation of ACE camp exposing 7th and 8th grade students to careers available within Oklahoma's aerospace industry. The camp will be held one Friday each month (September thru April). Students will gain an understanding of the history of aviation and aerospace, identify the parts of an airplane, study fundamentals of flight, and the economic significance of aerospace. Students will also take industry facility tours. Staff recommends \$5,650.
- E. Ponca City Regional Airport** – Northern Oklahoma Flight Academy will offer a 6th-12th grade summer camp established with STEM concepts and hands-on interactive education with aviation and aerospace presented as a career option. Curriculum will be based on grade level and experience and has classroom and outdoor study with guest presentations and lectures. High School advanced classes are career specific for Space Flight Technology, Aviation Maintenance, Aerospace Engineering, or Professional Pilot. Staff recommends \$8,500.
- F. Rose State College** -- Rose State requests resources for implementing "A-XP Discovery Camps", two 4-day space and aeronautics camps. 6th - 9th graders will learn about the history of flight, laws of motion, principles of flight, Newton's Law, Bernoulli's Principle. Classroom learning integrates theory with practical application and lab

experiences. This program will also expose them to aerospace career opportunities. Staff recommends \$3,310.

- G. Route 66 Flight School Foundation** -- Route 66 Flight School requests resources to offer a 2-day minicamp to introduce high school students to basic aerodynamics, ATC procedures, airport & ramp operations & flight training. Staff recommends \$1,830.
- H. Southeastern Oklahoma State University** -- Southeastern University will offer its week-long "Take Flight" Camp to students in grades 7-10. Students will be introduced to aviation careers and training opportunities for these careers. Staff recommends \$10,000.
- I. True Sky Credit Union Foundation / Mike Moroney Aeronautical Center** -- True Sky Credit Union will implement ACE Camp, 7th - 8th grade, (2) weeklong summer camps with hands-on activities & classroom lecture in aviation, aerospace & space. Staff recommends \$11,000.
- J. Tulsa Community College** -- Tulsa Community College seeks resources to implement their Aviation Explorers Summer Program that will provide students with unique opportunities to explore aerospace careers including piloting, drone ops, and ATC. Through field trips and discovery flights students will gain a firsthand appreciation for the aerospace industry. Staff recommends \$2,500.
- K. University of Oklahoma Sooner Flight Academy** -- "Sooner Flight Academy" a K-12th grade camp provides aviation, aerospace, and STEM education via hands-on lessons, demos, experiments, and flight experiences. OU Sooner Flight Academy requests resources to fund its scholarship and intern program. Staff recommends \$40,000.

Action Required

9. **AEROSPACE AND AVIATION EDUCATION GRANT PROGRAM CONSENT DOCKET – OTHER SCHOOL PROGRAMS – Stephanie Holt-Lucas**

Any Commissioner may request that any or all of these items be considered individually. The Commission will consider approving state aviation grant and contract applications from schools seeking funds for miscellaneous aviation & aerospace programs for the FY25 Aerospace and Aviation Education Grant Program.

- A. Altus Public Schools** – Altus AeroScholars is an after-school drone club that will meet 2 days a week throughout the year and introduce students in grades 5 & 6 to the fundamentals of aviation and aerospace through hands-on experiences with drone technology. Students will learn skills in drone operation and safety, problem solving as well as foster interest in aviation and aerospace careers. Staff recommends \$9,000.
- B. Claremore NJROTC** – Claremore NJROTC STEM (FAA Part 107 sUAS) 7th - 12th grade cadets will gain the knowledge to prepare for the Part 107 sUAS certification. Staff recommends \$2,699.
- C. Dove Schools of Oklahoma** – Dove will implement an After School STEM Club elective where students in Grades 5-12 form teams to pilot drones through obstacles courses & program them for flight to compete against other schools at out of state competitions in Colorado and Texas. Staff recommends \$5,000.
- D. Dove Science Academy MS** – Dove Science Academy MS will implement an afterschool Drone and STEM Club for grades 6-8. The Drone Club will offer hands-on STEM learning experiences in coding, piloting and aerospace technology and provide students with a deeper understanding of aerospace technology and its real-world applications. Staff recommends \$2,699.
- E. Dove Science Academy HS** – Dove Science Academy HS will implement an Aerial Drone afterschool program for grades 9-12 using the Robolink Drone Education

curriculum. The program plans activities for students that illustrate the intersection between drone technology and the aerospace industry. Staff recommends \$2,039.

- F. **John Rex Middle School** – John Rex Middle School will implement a Drone Aviation STEM cluster that will foster skills in aviation technology, engineering, problem solving and teamwork using the PITSCO Drone Aviation STEM PBL curriculum. Staff recommends \$6,350.
- G. **Mercy School Institute** – Mercy School Institute requests resources for implementing elective course programming that will provide a comprehensive introduction to aerospace and aeronautics through STEM activities that focus on robotics, Python programming, CAD and unmanned aircraft systems. The curriculum will roll out in three phases, targeting students at different grade levels with different skills and projects. Staff recommends \$2,500.
- H. **Moore Norman Technology Center** -- Moore Norman Technology Center is requesting resources to equip an Airframe and Powerplant program for high school juniors. This program will mirror the adult program launched in August 2023. The high school course will build awareness of the aviation maintenance career pathway by engaging students in hands on learning to build a foundation for A & P certification post high school. As a program that runs simultaneously with an adult program, additional tools and supplies are needed to meet FAA ACS standards. Staff recommends \$6,000.
- I. **Olustee-Eldorado Public Schools (Elementary)** – Olustee-Eldorado requests resources for an 18-week classroom drone experience. Working in tandem with Starbase at Burns Flat, students will build drones, use base-block and Python programming to configure/control the drones. Students will then attend a weeklong intensive experience at NASA Starbase in Burns Flat. Staff recommends \$2,699.
- J. **Olustee-Eldorado Public Schools (High School)** -- Olustee-Eldorado requests High School requests resources for the building and configuring of ten programmable Rotorcraft drones. Students will gain a basic understanding of aerospace dynamics, aviation, and engineering and Python programming. Learning can also be reinforced through flight simulations, field trips to local military bases, and guest speakers from the Altus Air Force base. Staff recommends \$2,175.
- K. **Pamela Hodson Elementary (Owasso PS)** – Pamela Dodson Elementary (Owasso PS) requests resources for teaching their newly created “Let’s Learn to Fly” program that will capitalize on childhood curiosity about flight. Students will conduct experiments to observe the four forces of flight and learn about Bernoulli’s Principle and Newton’s Laws of Motion. Lessons and STEM activities will be selected from the CAP’s “Aerospace for the Very Young” guide and “Aerospace Education Excellence AEX 1” activities. Industry experts will also be invited as classroom guest speakers with an Aviation Career Day planned for April 2025. Staff recommends \$2,977.
- L. **Rattan Public Schools** – Rattan Public Schools will teach “Students Take Flight”. One week each month students will spend time becoming proficient with indoor drone flight. The program will culminate with a STEM night for parents and community members that will showcase the learning experience. Rattan requests funding to purchase the Dronology curriculum for elementary students. Staff recommends \$2,695.
- M. **Tulsa East Central High School** – Tulsa East Central is requesting resources to enhance existing aviation course programming and increase student engagement with the purchase of a simulator. Staff recommends \$5,300.
- N. **Tuskahoma Public Schools** – Tuskahoma Public Schools requests resources to implement the Project Lead the Way Gateway Unit. Students will explore aviation and aerospace through engineering design, and creative problem solving. Staff recommends \$1,761.
- O. **Wyandotte Middle School** – Wyandotte Middle School is requesting resources to implement BEARS Aviation (Beginning Explorations in Aerospace with Reading &

STEM), a program to cultivate passion for aviation and aerospace. Staff recommends \$2,700.

Action Required

10. **AEROSPACE AND AVIATION EDUCATION GRANT PROGRAM CONSENT DOCKET – SCHOOLS SEEKING FUNDS TO IMPLEMENT THE AIRCRAFT OWNERS AND PILOTS ASSOCIATION “YOU CAN FLY” CURRICULUM – Paula Kedy**

Any Commissioner may request that any or all of these items be considered individually. The Commission will consider approving state aviation grant and contract applications from schools seeking funds to implement the AOPA “You Can Fly” Curriculum for the FY25 Aerospace and Aviation Education Grant Program.

- A. Wynnewood High School** -- Wynnewood High School requests resources to implement AOPA Years 1-3, 3 sections, 9th-12th grades, both pathways. Staff recommends \$5,000.
- B. Wyandotte High School** -- Wyandotte High School requesting resources to implement AOPA years 1-3, 9th-12th grades, 4 sections, both pathways. Staff recommends \$12,500.
- C. Wright City Public Schools** -- Wright City Public Schools requests resources to implement AOPA years 1 and 2, 3 sections, 9th-12th grades, both pathways. Staff recommends \$10,495.
- D. Weatherford Public Schools** -- Weatherford Public Schools requests resources to implement AOPA years 1 - 4, 8 sections, 9th-12th grades, pilot pathway. Choose Aerospace Year 1 will also be offered for 1 section. Weatherford Public Schools will also offer K-12 aviation awareness activities. Staff recommends \$13,000.
- E. Watonga Public Schools** -- Watonga Public Schools requests resources to implement AOPA year 1, 2 sections, 9th-12th grades, both pathways. Staff recommends \$9,000.
- F. Union Public Schools** -- Union Public Schools requests resources to implement AOPA year 1 and 2, 10 sections, 9th-12th grades, both pathways. Staff recommends \$9,800.
- G. Tri-County Technology Center** -- Tri-County Tech requests resources to implement their Drones and Aviation program with AOPA Years 1 - 4, 2 sections, drone pathway, teaching 9th-11th curriculum 1st year & 12th second year to 12th grade; They also plan to offer a summer STEM camp for students. Staff recommends \$14,300.
- H. Tahlequah High School** -- Tahlequah High School requests resources to implement AOPA years 1-2, 3 sections, 9th-12th grades, both pathways. Staff recommends \$7,100.
- I. Stroud Public Schools** -- Stroud Public Schools requests resources to implement AOPA years 1-2, 2 sections, 9th-12th grades, both pathways. Staff recommends \$5,000.
- J. Stonewall Public Schools** -- Stonewall Public Schools requests resources to implement AOPA year 1, 1 section, 8th grade, both pathways. Staff recommends \$6,500.
- K. Stillwater Public Schools** -- Stillwater Public Schools requests resources to implement AOPA years 1-4, 10 sections, 9th-12th grades, both pathways. Staff recommends \$12,000.
- L. Silo High School** -- Silo High School requests resources to implement AOPA year 1, 1 section, 9th-12th grades, both pathways. Staff recommends \$5,985.
- M. Seminole Public Schools** -- Seminole Public Schools requests resources to implement AOPA years 1-4, 4 sections, 9th-12th grades, both pathways. Staff recommends \$2,690.
- N. Savanna Public Schools** -- Savanna Public Schools requests resources to implement AOPA year 1, 2 sections, 9th-12th grades, both pathways. Staff recommends \$7,000.

- O. Rejoice Christian School** -- Rejoice Christian School requests resources to implement AOPA year 1, 2 sections, 9th-12th grades, both pathways. Staff recommends \$5,500.
- P. Putnam City Public Schools/ Putnam City Aviation** – Putnam City Aviation requests resources to implement AOPA years 1-4, 6+ sections, Grades 10-12, pilot pathway. They will also teach Choose Aerospace years 1 and 2. Staff recommends \$15,000.
- Q. Ponca City Public Schools** – Ponca City Public Schools requests resources to implement AOPA year 1-3, 5 sections, Grades 9-12, both pathways. Staff recommends \$12,000.
- R. Piedmont Public Schools** – Piedmont Public Schools requests resources to implement AOPA year 1-4, 6 sections, Grades 9-12, pilot pathway. Staff recommends \$9,500.
- S. Perry High School** – Perry High School requests resources to implement AOPA year 1, 1 section, grade 9, both pathways. Staff recommends \$9,000.
- T. Pawhuska High School** – Pawhuska High School requests resources to implement AOPA year 1, 3 sections, grades 9-12, both pathways. Staff recommends \$6,800.
- U. Pauls Valley High School** – Pauls Valley High School requests resources to implement AOPA year 1, 1 section, grades 10-12, both pathways. Staff recommends \$2,500.
- V. P91-Chase** – P91-Chase requests resources to implement AOPA Years 1-4, 6 sections, grades 9-12, pilot pathway. Staff recommends \$9,050.
- W. Okmulgee Public Schools** – Okmulgee Public Schools requests resources to implement AOPA years 1 and 2, grades 9-12, both pathways. Staff recommends \$3,000.
- X. Oklahoma Christian School** – Oklahoma Christian School requests resources to implement AOPA year 1 to grade 9 students, 1 section, both pathways. Staff recommends \$8,325.
- Y. Oklahoma Christian Academy** – Oklahoma Christian Academy requests resources to implement AOPA year 1, grades 9-12, 1 section, both pathways. Staff recommends \$1,236.
- Z. Oilton High School** -- Oilton High School requests resources to implement AOPA years 2 and 3 to grades 9-12, 2 sections, both pathways. They will also teach Choose Aerospace year 1-2 for 2 sections, grades 9-12. Staff recommends \$5,000.
- AA. Norman Public Schools/Oklahoma Aviation Academy** – The OAA Drone Studies pathway will integrate both the AOPA You Can Fly curriculum with Pitsco Drone Career curriculum along with faculty designed experiences to equip and prepare students with the necessary skills to earn the FAA Part 107 commercial drone certificate through engaging hands-on experiences, practical application and career preparation necessary for pursuing careers in the UAS industry. Staff recommends \$15,000.
- BB. Newcastle High School** – Newcastle High Schools requests resources to implement AOPA Years 1 and 2, 5 sections, grades 9-12, both pathways. They will also teach 2 sections of Choose Aerospace, grades 9-12. Staff recommends \$5,500.
- CC. Mustang High School** -- Mustang High School requests resources to implement AOPA Years 1-4, 7 sections, 9th-12th grades. They will also provide community awareness via elementary schools targeting over 1,000 younger students. Staff recommends \$5,900.
- DD. Mid-Del Technology Center** – Mid-Del Technology Center requests resources to provide Gleim online ground school training, Gleim online private pilot test prep, and exam fees for the FAA Private Pilot written exam. These resources will be used for 15 students enrolled in the Aircraft Command Experience (Pilot focus). Staff recommends \$6,100.

- EE. Miami Public Schools** – Miami Public Schools requests resources to implement AOPA Years 1 and 2, 6 sections, Grades 9-12, both pathways. Staff recommends \$9,000.
- FF. McAlester Public Schools** – McAlester Public Schools will implement AOPA years 1-4 and requests resources for teaching 200+ students in grades 8-12. They will offer three sections of Year 1, two sections of Year 2, two sections of Year 3 and one of Year 4 in both pathways. They also wish to implement a special initiative “Disaster Relief and Aerial Reconnaissance”. Aviation students will explore the question “How Can We Help in an Emergency/Disaster Situation?” by learning remote sensing/aerial reconnaissance, planning a survey mission, interpreting photos, & working in teams. Staff recommends \$10,000.
- GG. Lexington High School** – Lexington High School requests resources to implement AOPA year 1, 3 sections, 9th - 12th grades, both pathways. Staff recommends \$9,500.
- HH. Konawa Public Schools** – Konawa Public Schools requests resources to implement AOPA year 1, 4 sections, 9th - 12th grades, both pathways. Staff recommends \$10,000.
- II. Kingston Public Schools** – Kingston Public Schools requests resources to implement AOPA year 1, 1 section, 9th - 12th grades, both pathways. Staff recommends \$6,800.
- JJ. Ketchum Public Schools** – Ketchum Public Schools requests resources to implement AOPA years 1-3, 3 sections, 9th - 12th grades, pilot pathway. They also have plans to implement K - 12 aviation activities. Staff recommends \$5,575.
- KK. Jenks Freshman Academy** – Jenks Freshman Academy requests resources to implement AOPA year 1, 2 sections, 9th grade, drone pathway. Staff recommends \$3,320.
- LL. Indianhoma Public Schools** – Indianhoma Public Schools requests resources to implement AOPA year 1, 2 sections, 9th - 12th grades, both pathways. Staff recommends \$8,000.
- MM. Hugo High School** – Hugo High School requests resources to implement AOPA year 1, 4 sections, 9th - 12th grades, both pathways. Staff recommends \$7,500.
- NN. Grove High School** – Grove High School requests resources to implement AOPA years 1 and 2, 4 sections, 9th - 12th grades, both pathways. Staff recommends \$8,000.
- OO. Grandfield Public Schools** – Grandfield Public Schools requests resources to implement AOPA year 1-3, 3 sections, 9th - 11th grades, both pathways. Staff recommends \$2,800.
- PP. Enid Public Schools** – Enid Public Schools requests resources for continued implementation of AOPA years 1-4, 8 sections, 9th - 12th grades, both pathways. They are also implementing Year 2 of Tango Flight, building a Van’s RV-12 aircraft. Staff recommends \$15,000.
- QQ. Edmond Santa Fe High School** – Edmond Santa Fe High School requests resources to implement AOPA year 1, 2 sections, 9th - 12th grades, both pathways. Staff recommends \$10,000.
- RR. Edmond Memorial High School** – Edmond Memorial High School requests resources to implement AOPA year 1, 4 sections, 9th - 12th grades, both pathways. Staff recommends \$10,000.
- SS. Durant Public Schools** – Durant Public Schools requests resources to implement AOPA years 1-3, 4 sections, 9th - 12th grades, both pathways; and Choose Aerospace year 1, 2 sections. They also plan to involve students in grades 7-8 in aerospace programming. Staff recommends \$9,100.
- TT. Deer Creek Public Schools** – Deer Creek Public Schools requests resources to implement AOPA year 1, 2 sections, 9th - 12th grades, both pathways. They also plan activities to engage and inspire their youngest K-3 learners about the aviation industry. Staff recommends \$1,850.

- UU. Cushing High School** – Cushing High School requests resources to teach AOPA year 2, 2 sections, 10th - 12th grades, both pathways. Staff recommends \$2,000.
- VV. Collinsville Public Schools** – Collinsville Public Schools requests resources to implement AOPA years 1 and 2, 2 sections, 9th - 11th grades, both pathways. Staff recommends \$7,000.
- WW. Chisholm High School** – Chisholm High School requests resources to implement AOPA years 1 & 3, 3 sections, 8th - 12th grades, both pathways. Staff recommends \$2,000.
- XX. Chelsea High School** – Chelsea High School requests resources to implement AOPA years 1-3, 3 sections, 9th - 12th grades, pilot pathway. Staff recommends \$8,500.
- YY. Byng Public Schools** – Byng Public Schools requests resources to implement AOPA years 1-3, 3 sections, 9th - 12th grades, pilot pathway. Staff recommends \$8,050.
- ZZ. Burns Flat-Dill City School District** – Burns Flat-Dill City School District requests resources to implement AOPA year 1, 2 sections, 9th - 12th grades, both pathways. Staff recommends \$9,000.
- AAA. Broken Bow High School** – Broken Bow High School requests resources to implement AOPA years 1 and 2, 2 sections, 9th - 12th grades, both pathways. Staff recommends \$8,900.
- BBB. Broken Arrow Vanguard Academy** – requests resources to implement AOPA years 2, 1 section, 9th - 12th grades, both pathways; and Choose Aerospace, year 1, 1 section, 9th - 12th grades. Staff recommends \$7,500.
- CCC. Bristow Public Schools** – Bristow Public Schools requests resources to implement AOPA year 1 and 2, 3 sections, 8th - 12th grades, both pathways; and Choose Aerospace. Staff recommends \$6,050.
- DDD. Blackwell High School** – Blackwell High School requests resources to implement AOPA year 1, 2 sections, both pathways, 9th - 12th grade. Staff recommends \$9,000.
- EEE. Bixby Public Schools** – Bixby Public Schools requests resources to implement AOPA year 1, 2 sections, both pathways, 9th - 10th grade. Staff recommends \$7,750.
- FFF. Bethany Public Schools** – Bethany Public Schools requests resources to implement AOPA year 1, 1-2 sections, both pathways, 9th - 12th grade. Staff recommends \$7,594.
- GGG. Ardmore High School** - Ardmore High School requests resources to implement AOPA year 1, 1 section, 9th - 12th grade, pilot pathway. Staff recommends \$3,000.
- HHH. Ada City Schools** - Ada High School requests resources to implement AOPA year 1 - 4, 6 sections, both pathways, 9th - 12th grade. Ada HS is also in the process of remodeling a lab space to implement Tango Flight, an aircraft maintenance and manufacturing program. The district will also implement aviation lessons Pre-K - 8. Staff recommends \$15,000.


Action Required

- 11. REVIEW OF UPCOMING AVIATION AND AEROSPACE EVENTS – Sandra Shelton, Director of Government Affairs, Industry Development and Communications**
The Commission will be briefed on upcoming events.

Information Only

12. **CONCLUDING REMARKS REGARDING AGENDA ITEMS — Director Ardies and Commissioners**
13. **ANNOUNCEMENT OF NEXT MEETING — Chairman Ortega**
The Commission will announce the date, time, and place for the next Commission meeting.
14. **NEW BUSINESS (*“any matter not known about, or which could not be reasonably foreseen 24 hours before the meeting”*)**
15. **ADJOURNMENT**

This notice was posted prominently and publicly at the principal offices of the Oklahoma Department of Aerospace and Aeronautics at 110 N. Robinson, Suite 200, Oklahoma City, Oklahoma 73102, the Oklahoma Department of Transportation at 200 NE 21st Street, Oklahoma City, Oklahoma 73105 at 10:00 a.m. Tuesday, August 6, 2024, and the Oklahoma Department of Aerospace and Aeronautics website at 10:00 a.m. Tuesday, August 6, 2024.



Chris Wadsworth
Chief of Staff

08.06.2024 7:00 AM



OKLAHOMA Aerospace & Aeronautics

**OKLAHOMA AEROSPACE AND AERONAUTICS COMMISSION MEETING
WEDNESDAY, JULY 10, 2024, AT 10 AM
OKLAHOMA DEPARTMENT OF TRANSPORTATION
FIRST FLOOR COMMISSION ROOM
200 NE 21ST STREET, OKLAHOMA CITY, OK**

NOTE: The Oklahoma Aerospace and Aeronautics Commission may discuss, vote to approve, vote to disapprove, vote to table, decide not to discuss, or change the order of any item on the agenda. Any conflicts of interest must be disclosed prior to discussion, and the conflicted Commissioner must recuse from all discussion and votes pertaining to that item.”

DRAFT MINUTES

1. ANNOUNCEMENT OF COMPLIANCE WITH THE OPEN MEETING ACT, FILING OF MEETING NOTICE, AND POSTING OF THE AGENDA — Chairman Charles Ortega and Chris Wadsworth, Chief of Staff

Pursuant to the Oklahoma Open Meeting Act, this meeting shall be held at the Oklahoma Department of Transportation (ODOT) First Floor Commission Room, 200 NE 21st Street in Oklahoma City, Oklahoma.

The Oklahoma Aerospace and Aeronautics Commission Meeting is open to the general public, but it is also available to watch through the link listed below:

To watch:

Public access meeting link: <https://video.ibm.com/channel/CKEfwftDGHz>

Make sure the volume on your PC (or other device) and the Ustream volume are turned up.

The meeting will be electronically recorded and audio livestreamed from 200 NE 21st St., Oklahoma City, Oklahoma 73105.

Public Access to complete Commission Packet: <https://oklahoma.gov/aerospace>

2. CALL TO ORDER AND RECORDING OF MEMBERS PRESENT AND ABSENT — Chairman Charles Ortega and Antonja Ceballos, Executive Assistant to the Executive Director

Antonja Ceballos called roll and recorded the following Commissioners present and absent:

Present	Blake Raney	Vice Chair (District 5)
	Jim Putnam	Commissioner (At-Large)
	Jerry Hunter	Commissioner (At-Large)
	Kevin Potter	Secretary (District 2)
	Charles Ortega	Chairman (District 3)
	Lindy Ritz	Commissioner (District 4)

Absent Seth Phillips Commissioner (District 1)

The meeting was called to order at 10:00 a.m. with 6 of 7 Commissioners present.

3. APPROVAL OF THE MINUTES OF THE OKLAHOMA AEROSPACE AND AERONAUTICS COMMISSION MEETING ON JULY 10, 2024 — Chairman Ortega

Action Required

Commissioner Putnam made a motion to approve the minutes as presented. Commissioner Ritz seconded the motion. Chairman Ortega called for the vote, and the votes were recorded as follows:

Ayes - Blake Raney
Jim Putnam
Jerry Hunter
Kevin Potter
Charles Ortega
Lindy Ritz

Nays -

Abstain -

The motion carried 6-0.

4. LEGISLATIVE, CONGRESSIONAL AND REGULATORY UPDATE — Director Ardies, Executive Director

The Commission was briefed on legislation and public policy issues concerning airports, aviation and aerospace and Commission legislative initiatives for the 2024 Legislative session.

Information Only

5. FINANCIAL REPORT — Chris Wadsworth, Chief of Staff

The Commission was briefed on current financial figures.

Mr. Wadsworth briefed the Commission on current financial figures and detailed the fiscal year 2025 budget.

Information Only

6. AEROSPACE & AVIATION EDUCATION UPDATE – Paula Kedy, Statewide Aerospace STEM Education Manager

The Commission was briefed on the following:

- A. School Visits: Okmulgee Public Schools, Wilson Public Schools, Holdenville Public Schools
- B. Events & Higher Education Visits
 - CCOSA Oklahoma School Administrators' Conference: June 12-14
 - MetroTech Aviation Campus Open House: June 20
 - Chickasaw Nation Summer School – Bessie Coleman Program: June 24
 - NATA Conference: June 25
 - Embry Riddle Oklahoma City Visit: July 1

- C. AOPA Pathway Success Report
- D. Aviation Education Grant Program Update

Information only.

7. OKLAHOMA AEROSPACE EDUCATION TRAINING SUMMIT – Paula Kedy

The commission was briefed on the annual AOPA teacher training that the agency hosted at OSU-Tulsa on June 3-6, 2024. Commissioners asked questions on attendance and what the program entailed.

8. FIVE-YEAR AIRPORT CONSTRUCTION PROGRAM – Nick Young, Airports Division Manager

Action Required

The Commission was asked to consider approving an amendment to the five-year Airport Construction Program (ACP) to add or modify projects at the following airports.

- A. Purcell Municipal Airport – Runway Rehabilitation
- B. South Grand Lake Regional – Terminal Building and Hangar
- C. Stroud Municipal – Runway Extension & Improvements

Commissioner Ritz made a motion to approve the Five-Year Airport Construction Program. Commissioner Putnam seconded the motion. Chairman Ortega called for the vote, and the votes were recorded as follows:

Ayes - Blake Raney
Jim Putnam
Jerry Hunter
Kevin Potter
Charles Ortega
Lindy Ritz

Nays -

Abstain -

The motion carried 6-0.

9. AIRPORT CONSTRUCTION GRANT PROGRAM CONSENT DOCKET — Nick Young

Action Required

Any Commissioner may request that any or all of these items be considered individually.

- A. The Commission was asked to consider approving a state grant for a project that is currently identified in the Commission’s approved Airport Construction Program at **Chattanooga Sky Harbor Airport**. The project consists of reconstruction of the apron and connector taxiway. Based on bids, the total project cost is \$1,001,120 and will be funded with \$951,064 of state grant funds and \$50,056 of sponsor matching funds. An approval is contingent upon the Department receiving an acceptable grant application.
- B. The Commission was asked to consider approving a state grant for a project that is currently identified in the Commission’s approved Airport Construction Program at **Elk City Regional Business Airport**. The project consists of constructing taxilanes. Based on bids, the total project cost is \$1,115,539.75 and will be funded with \$305,722.00 of federal grant funds, \$754,040.00 of state grant funds and \$55,777.75

of sponsor matching funds. An approval is contingent upon the Department receiving an acceptable grant application.

- C. The Commission was asked to consider approving a state grant for a project that is currently identified in the Commission's approved Airport Construction Program at **Stillwater Regional Airport**. The project consists of constructing a new terminal building. Based on bids, the total project cost is \$18,822,298 and will be funded with \$13,322,247 of federal grant funds, \$1,000,000 of state grant funds and \$4,500,052 of sponsor matching funds. An approval is contingent upon the Department receiving an acceptable grant application.

Commissioner Putnam made a motion to approve the Airport Construction Grant Project Consent Docket. Commissioner Raney seconded the motion. Chairman Ortega called for the vote, and the votes were recorded as follows:

Ayes - Blake Raney
Jim Putnam
Jerry Hunter
Kevin Potter
Charles Ortega
Lindy Ritz

Nays -

Abstain -

The motion carried 6-0.

10. AIRPORT CONSTRUCTION GRANT PROGRAM CHANGE ORDERS – Michelle Bouziden, Senior Projects and Grants Manager

Action Required

- A. The Commission was asked to consider approving an amendment to state grant ELK-24B-S for the utility work for the new terminal building and hangar projects at **Elk City Regional Business Airport**. The change order was necessary since the proposed water lines had to be extended further than previously known to tie into the existing water lines, a manhole replaced, fire hydrant extended, and an extra service and meter installed. The estimated additional cost will be \$28,791.20 and will be funded with \$27,351.64 of state grant funds and \$1,439.56 of sponsor matching funds.

Commissioner Ritz made a motion to approve the Airport Construction Grant Program Change Order. Commissioner Potter seconded the motion. Chairman Ortega called for the vote, and the votes were recorded as follows:

Ayes - Blake Raney
Jim Putnam
Jerry Hunter
Kevin Potter
Charles Ortega
Lindy Ritz

Nays -

Abstain -

The motion carried 6-0.

- B.** The Commission was briefed on an amendment to state grant SRE-24-FS for Phase 1 of the parallel taxiway realignment at **Seminole Municipal Airport**. The change is necessary to stabilize the subsoil and prevent the soil from mixing with the unstable materials. The estimated additional cost will be \$159,000 and will be funded with \$143,100 of federal grant funds, \$7,950 of state grant funds and \$7,950 of sponsor matching funds.

Information Only

11. AIRPORT PROJECT CONSULTANT APPROVAL CONSENT DOCKET – Nick Young

Action Required

Any Commissioner may request that any or all of these items be considered individually.

- A.** The Commission was asked to consider approving staff to enter into a contract for a single task order agreement for engineering, planning, and other services as part of the Department's acting as agent role for the City of Stroud and supporting their infrastructure investment plans for the **Stroud Municipal Airport**. The project consists of design for the runway extension, widening, rehabilitation, and electrical improvement project. The total cost of the agreement is \$647,000 and is anticipated to be funded with \$415,900 of FAA funds and \$231,100 of state funds.
- B.** The Commission was asked to consider approving staff to enter into a contract for a single task order agreement for engineering, planning, and other services as part of the Department's acting as agent role for the City of Ketchum and supporting their infrastructure investment plans for the **South Grand Lake Regional Airport**. The project consists of design for the terminal building and large box hangar project. The total cost of the agreement is \$461,150 and is anticipated to be funded with \$461,150 of state funds.

Commissioner Putnam made a motion to approve the Airport Project Consultant Approval Consent Docket. Commissioner Ritz seconded the motion. Chairman Ortega called for the vote, and the votes were recorded as follows:

Ayes - Blake Raney
Jim Putnam
Jerry Hunter
Kevin Potter
Charles Ortega
Lindy Ritz

Nays -

Abstain -

The motion carried 6-0.

12. PROGRESSING RURAL ECONOMIC PROSPERITY (PREP) FUND PROJECT CONSENT DOCKET – Director Ardies

Action Required

- A.** The Commission was asked to consider approving an amendment to state grant ADM-24A-PREP for the design phase of the sanitary sewer, roadway, and parking facility on the south side of the airport at **Ardmore Municipal Airport**. The amendment will include design of a sidewalk, curb and gutter, Subsurface Utility

Engineering Investigation for a gas line and additional environmental needs. The estimated additional cost will be \$65,900 and will be funded with \$65,900 of PREP funds. (PREP)

- B. The Commission was asked to consider approving an amendment to state grant WWR-24-PREP for the design of the utilities and access road development, MRO/business style hangar, taxiways for a new development area on the south part of the airport, runway and taxiway extension, construction and/or acquisition of a new general-use hangar facility for general aviation aircraft, and the reconstruction of the south portion of the asphalt apron at **West Woodward Airport**. The amendment will add an AGIS Obstruction Survey which is required for the runway extension. The estimated additional cost will be \$130,000 and will be funded with \$130,000 of PREP funds. (PREP)
- C. The Commission was asked to consider approving a grant for a project that is currently identified in the Commission's approved Airport Construction Program at **West Woodward Airport**. The project consists of constructing a new Terminal Building and associated parking lot. Based on bids, the total project cost is \$3,709,643 and will be funded with \$3,709,643 of PREP funds. An approval is contingent upon the Commission receiving an acceptable grant application.
- D. The Commission was asked to consider approving a grant for a project that is currently identified in the Commission's approved Airport Construction Program at **West Woodward Airport**. The project consists of constructing a new Large Box Hangar and associated parking improvements. Based on bids, the total project cost is \$4,321,488 and will be funded with \$4,321,488 of PREP funds. An approval is contingent upon the Commission receiving an acceptable grant application.
- E. The Commission was asked to consider approving a grant for a project that is currently identified in the Commission's approved Airport Construction Program at **West Woodward Airport**. The project consists of constructing a new Taxiway and access road. Based on bids, the total project cost is \$2,445,606 and will be funded with \$2,445,606 of PREP funds. An approval is contingent upon the Commission receiving an acceptable grant application.
- F. The Commission was asked to consider approving a grant for a project that is currently identified in the Commission's approved Airport Construction Program at **West Woodward Airport**. The project consists of constructing utility improvements to support the new terminal and hangar areas. Based on bids, the total project cost is \$579,884 and will be funded with \$579,884 of PREP funds. An approval is contingent upon the Commission receiving an acceptable grant application.

Commissioner Potter made a motion to approve the Progressing Rural Economic Prosperity (PREP) Fund Project Consent Docket. Commissioner Putnam seconded the motion. Chairman Ortega called for the vote, and the votes were recorded as follows:

Ayes - Blake Raney
Jim Putnam
Jerry Hunter
Kevin Potter
Charles Ortega
Lindy Ritz

Nays -

Abstain -

The motion carried 6-0.

13. PROGRESSING RURAL ECONOMIC PROSPERITY (PREP) FUND UPDATE – Director Ardies

The Commission was briefed on PREP funds allocated for certain infrastructure projects at Oklahoma airports.

Information Only.

14. ON-DEMAND SERVICES FOR STATEWIDE UAS/AAM INTREGRATION – Director Ardies

Action Required

The Commission was asked to consider approving staff to enter into an agreement with MITRE Corporation for on-demand and support services up to \$250,000 to assist the agency with implementing the advanced air mobility strategic plan and statewide investment in UAS/AAM infrastructure.

Commissioner Putnam made a motion to approve the On-Demand Services for UAS/AAM Integration. Commissioner Ritz seconded the motion. Chairman Ortega called for the vote, and the votes were recorded as follows:

Ayes - Blake Raney
Jim Putnam
Jerry Hunter
Kevin Potter
Charles Ortega
Lindy Ritz

Nays -

Abstain -

The motion carried 6-0.

15. PARTNERSHIP WITH THUNDERBIRD DRONE FESTIVAL – Director Ardies

Action Required

The Commission was asked to consider approving a \$10,000 in-kind sponsorship of the 2024 Thunderbird Drone Festival, to be held October 3-5, 2024, in Oklahoma City.

Commissioner Raney made a motion to approve the Partnership with Thunderbird Drone Festival. Commissioner Putnam seconded the motion. Chairman Ortega called for the vote, and the votes were recorded as follows:

Ayes - Blake Raney
Jim Putnam
Jerry Hunter
Kevin Potter
Charles Ortega
Lindy Ritz

Nays -

Abstain -

The motion carried 6-0.

16. EMERGENCY RULES – Michelle Bouziden

Action Required

The Commission was asked to consider adopting emergency rules related to Airport Construction and Aerospace and Aviation Education to address funding and other program requirements implemented by items passed during the 2024 Legislative Session.

Commissioner Potter made a motion to approve the Emergency Rules. Commissioner Raney seconded the motion. Chairman Ortega called for the vote, and the votes were recorded as follows:

Ayes - Blake Raney
 Jim Putnam
 Jerry Hunter
 Kevin Potter
 Charles Ortega
 Lindy Ritz

Nays -

Abstain -

The motion carried 6-0.

17. REVIEW OF UPCOMING AVIATION AND AEROSPACE EVENTS — Katelyn Wade, Marketing and Outreach Coordinator

The Commission was briefed on upcoming Aviation and Aerospace events that the Department will take part in.

Information Only.

18. DIRECTOR'S REPORT— Director Ardies

- A.** Visit to Flight Safety in Tulsa – March 14, 2024
- B.** 59th Legislative Aero Caucus – March 26, 2024
- C.** Chickasha Rotary Lunch – April 4, 2024
- D.** Tulsa UAS/AAM Blue Ribbon Commission – April 22, and May 22, 2024

Information Only

19. CONCLUDING REMARKS REGARDING AGENDA ITEMS — Director Ardies and Commissioners

20. ANNOUNCEMENT OF NEXT MEETING — Chairman Charles Ortega

Chairman Ortega announced that the next meeting will be at 10:00 a.m. on Wednesday, August 7, 2024, at the Oklahoma Department of Transportation First Floor Commission Room, 200

Northeast 21st Street in Oklahoma City.

21. NEW BUSINESS (*“any matter not known about or which could not be reasonably foreseen 24 hours before the meeting”*)

No new business.

22. ADJOURNMENT

Chairman Ortega requested a motion to adjourn. Commissioner Putnam made a motion to adjourn. Commissioner Phillips seconded. Chairman Ortega declared the meeting adjourned at 11:21 a.m.

APPLICANT	CONTACT INFO	Program Summary	PROGRAM BUDGET	STUDENTS REACHED	GEOGRAPHIC AREA	AMOUNT REQUESTED	Amount Recommended	OAC Funding %	Cost Per Student	Items	FY 2024	FY 2023	FY 2022
Additional Education/Outreach/Workforce Development													
Class Matters	Dr. Darron Lamkin 405-474-4158 Shante' Lamkin 918-694-0048	Class Matters, Inc. will host STEM Like Me, Fall and Spring extracurricular events for "at-hope" students to experience life as STEM professionals with opportunities to shadow industry experts. Participants gain a working knowledge of engineering, robotics, programming, and hands-on experience in developing prototypes. Older students help young participants understand science, math, literacy, and engineering projects. Participants conclude with elevator pitch competitions to community and corporate representatives.	\$50,548	60	Oklahoma City	\$5,000	\$5,000	9.89%	\$83.33	Drones	N/A	N/A	N/A
Griffiss Institute Explorer Post 256*	Benjamin Graniero 315-525-5031 John (Derek) Miller 405-406-1581	The Griffiss Institute Explorer Post 256 is requesting resources to provide practical hands-on learning experiences for students in grades 6-12 in coding, CAD and 3D printing, and glider construction. The experiences foster a deep understanding of aeronautical concepts and technical skills needed by Oklahoma's future aerospace workforce.	\$11,388	10	Oklahoma City	\$5,608	\$5,000	43.91%	\$500.00	Rockets, engines, drone kits, catapults, supplies (all)	N/A	N/A	N/A
Redeemed Flying Corps	Matt Stewart 405-819-7908	The "Redeemed Flying Corps" secondary/post-secondary program will train four pilots thru ground school and flight training and one aircraft maintenance tech through A&P training.	\$53,000	5	Shawnee	\$12,500	\$8,000	15.09%	\$1,600.00	Flight scholarships	\$10,000	\$11,000	\$7,500
STAAR Solutions - Tinker Air Show	Chris Moler 405-517-5106 405-254-5511	Tinker Air Show STEM City will provide an activity area for PreK-12 students filled with booths by sponsors and local STEM related organizations that include robotics, simulated flight, drones and drone technology, samples of much of the engine work by Tinker, Legos and snap exhibits and many other interactive hands-on activities.	\$3,000,000	15,000	Oklahoma	\$40,000	\$35,000	1.17%	\$2.33	STEM City	N/A	\$28,800	N/A
Tulsa Air & Space Museum	Robin Kurzyna 918-834-9900 x-221 918-510-9418 Tonya Blansett 918-834-9900 x-212 918-807-8020	Tulsa Air and Space Museum requests resources for implementing their Aero-STEM program for middle school students that prepares them for the high school AOPA pathway through coursework and hands-on activities in aviation maintenance and engineering, drone flight, pilot training, physics of flight and the rich history of aviation in Oklahoma.	\$15,136	120	Tulsa	\$7,652	\$5,000	33.03%	\$41.67	Drones & supplies	N/A	N/A	N/A
Tulsa Community WorkAdvance / Madison Strategies Group	Karen Pennington 918-442-2204 402-310-9665	Tulsa Community WorkAdvance requests resources for educating Tulsans for careers in aviation/aerospace, and advanced manufacturing by providing crucial soft skills training and technical training in CNC machining, logistics, and warehousing to 28 adult students.	\$1,313,924	28	Tulsa	\$31,057	\$10,000	0.76%	\$357.14	Tuition	\$10,000	\$12,500	\$12,500
Tulsa Regional STEM Alliance - Space Week	Rachel Christy 918-729-2437 Levi Patrick 405-620-2080	Tulsa Regional STEM Alliance requests resources to support Siegfried Space Week, a series of interactive space themed activities for students that promote STEM identity and STEM career awareness regarding aviation and space exploration. Field trips and hands-on learning activities with an astrophysicist and aerospace professionals for students and professional development workshops for educators are also part of the week.	\$64,400	2,000	Tulsa & Outreach Sites	\$26,950	\$7,220	11.21%	\$3.61	Venue, admission & supplies	N/A	N/A	N/A
Tulsa Regional STEM Alliance - STEM Shoppe	Melissa Cobb 918-630-1960 Levi Patrick 405-620-2080	Tulsa Regional STEM Alliance requests resources to support STEM Shoppe, a collection of resources, instructional equipment, and supplies available for loan to classrooms, community organizations, and family engagement events. There are dozens of items ranging from math manipulatives to scientific models, and robotics.	\$15,000	2,000	Tulsa	\$1,150	\$1,150	7.67%	\$0.58	Supplies	N/A	N/A	N/A

APPLICANT	CONTACT INFO	Program Summary	PROGRAM BUDGET	STUDENTS REACHED	GEOGRAPHIC AREA	AMOUNT REQUESTED	Amount Recommended	OAC Funding %	Cost Per Student	Items	FY 2024	FY 2023	FY 2022
Competitions & Events													
FIRST	Melinda Taylor 918-770-2076	"First Robotics Competition - OK Season" is designed for 7th-12th grade students. FIRST uses robotics to inspire youth in science, technology, engineering and math (STEM). Subject areas include lift, thrust, drag, time & resource constraints, industrial design, project management & analysis, advanced controls & strategic & tactical thinking.	\$231,900	2,000	OKC & Tulsa	\$7,500	\$7,500	3.23%	\$3.75	Venues	\$7,500	\$7,500	\$7,500
KISS Robotics	Steve Goodgame 405-830-6685	KISS will implement "The Botball and Junior Botball Programs" K-12. The "Botball and Junior Botball Challenge" are global robotics competitions with a focus on information technology and autonomous systems (ground and aerial). Robotic literacy includes the application of mechanical engineering which is a critical skillset for aerospace engineering.	\$301,000	4,200	Statewide	\$10,500	\$10,500	3.49%	\$2.50	Registration & kits	\$10,500	\$10,000	\$10,500
Oklahoma Science & Engineering Foundation First Lego League	Scott Taylor 918-770-2075	"First Lego League" will be offered to teams of up to 10 students ages 9 -14 who will be guided through a seasonal specific challenge where they research a real-world problem and develop a solution. They design, build & program an autonomous robot using engineering skills.	\$31,151	2,100	Oklahoma City	\$5,000	\$5,000	16.05%	\$2.38	Field kits, trophies, medals, pins	\$5,000	\$5,000	\$5,000
Oklahoma State University - Speedfest	Dr. Andrew Arena, Jr. 405-744-5900 405-338-8439	O.S.U. requests resources for "Speedfest" an exciting, high-speed aircraft design / build / fly competition which is intended to foster enthusiasm for aviation and aerospace. Students participate in teams to build and fly planes in two competition classes: Alpha Class for collegiate-level aerospace engineering teams and India Class which consists of high school teams, and teams of K-12 teachers formed from across the state of Oklahoma.	\$106,722	400	Statewide + 50 educators	\$19,650	\$19,650	18.41%	\$49.13	Airplane kits & parts	\$17,000	\$17,000	\$15,750

Camps & Workshops													
Cameron University	Elizabeth Ann Nalley 580-581-2889 405-659-8425 Dr. Margaret Kingsley 580-581-2250 580-678-6609	The "Aerospace Engineering & Applied Mathematics Summer Academy" for 6th - 8th grade girls, will be offered by Cameron University as a 5-day residential academy where girls are introduced to the principles of aerospace engineering & math. It has been designed to attract students to careers in science, math & engineering by introducing the physics of flight.	\$15,224	12	Lawton	\$2,455	\$2,455	16.13%	\$204.58	Airplanes, gliders, rockets, food, Science Museum	\$2,495	\$2,140	\$2,000
Fires Innovation Science & Technology Accelerator*	Dr. Krista Ratliff 580-353-4782 443-257-6751 Seth Hall 580-356-4782 580-574-7987	FISTA will implement a STEM summer day camp called Aviation Exploration for students grades 9-12. The FISTA camp will provide foundational understanding of aviation principles, history and the significance of the aerospace industry using pieces of AOPA and Choose Aerospace curricula.	\$4,588	60	Lawton	\$2,099	\$1,699	37.03%	\$28.32	Supplies, workbooks, software, kits	N/A	N/A	N/A
Guthrie-Edmond Regional Airport	Caden Young 405-282-2312; 918-638-5222	Guthrie-Edmond Regional Airport will host an airport-based Aviation Summer Camp for ages 8-13. Students will explore four forces of flight, Newton's Law of Motion, build paper airplanes and styrogliders for learning parts of a plane, launch rockets and study aerospace and aviation career opportunities.	\$1,600	20	Guthrie/Edmond	\$1,440	\$1,000	62.50%	\$50.00	Rockets, engines, gliders, supplies	N/A	N/A	\$1,350
Metro Technology Center	Michael Branch 405-595-5500 405-821-6453 Karla Graham 405-595-4408 405-414-9968	Metro Tech Center requests resources for the implementation of ACE camp exposing 7th and 8th grade students to careers available within Oklahoma's aerospace industry. The camp will be held one Friday each month (September thru April). Students will gain an understanding of the history of aviation and aerospace, identify the parts of an airplane, study fundamentals of flight, and the economic significance of aerospace. Students will also take industry facility tours.	\$113,290	200	Oklahoma City	\$31,850	\$5,650	4.99%	\$28.25	T-shirts, sheet metal, rivets & planes	N/A	N/A	\$12,500

APPLICANT	CONTACT INFO	Program Summary	PROGRAM BUDGET	STUDENTS REACHED	GEOGRAPHIC AREA	AMOUNT REQUESTED	Amount Recommended	OAC Funding %	Cost Per Student	Items	FY 2024	FY 2023	FY 2022
Ponca City Regional Airport	Don Nazum 580-767-0470	Northern Oklahoma Flight Academy will offer a 6th-12th grade summer camp established with STEM concepts and hands-on interactive education with aviation and aerospace presented as a career option. Curriculum will be based on grade level and experience and has classroom and outdoor study with guest presentations and lectures. High School advanced classes are career specific for Space Flight Technology, Aviation Maintenance, Aerospace Engineering, or Professional Pilot.	\$37,090	40	Ponca City	\$15,840	\$8,500	22.92%	\$212.50	Classroom student aides/student sim instructors, FAA flight instructors & aircraft	\$7,500	\$8,500	\$8,400
Rose State College	Chelsea Hunt 405-733-7364 405-401-7925 Jeanie Webb 405-733-7300	Rose State requests resources for implementing "A-XP Discovery Camps", two 4-day space and aeronautics camps. 6th - 9th graders will learn about the history of flight, laws of motion, principles of flight, Newton's Law, Bernoulli's Principle. Classroom learning integrates theory with practical application and lab experiences. This program will also expose them to aerospace career opportunities.	\$16,946	40	Midwest City	\$5,908	\$3,310	19.53%	\$82.75	Supplies, t-shirts, food	\$15,000	N/A	\$4,000
Route 66 Flight School Foundation	Dr. Scott Dorsey 405-639-7265 Andrea Fielding 405-924-3692	Route 66 Flight School requests resources to offer a 2-day minicamp to introduce high school students to basic aerodynamics, ATC procedures, airport & ramp operations & flight training.	\$2,050	12	Bethany	\$1,830	\$1,830	89.27%	\$152.50	Ground & flight school & aircraft	\$2,808	N/A	N/A
Southeastern Oklahoma State University	Michael Gaffney 580-745-3245 817-271-1551 Dr. Thomas Newsom 580-745-2500	Southeastern University will offer its week-long "Take Flight" Camp to students in grades 7-10. Students will be introduced to aviation careers and training opportunities for these careers.	\$39,877	25	Durant	\$12,916	\$10,000	25.08%	\$400.00	Lodging, food, t-shirts, materials	\$10,000	\$9,000	\$8,500
True Sky Credit Union Foundation/Mike Monroney Aeronautical Center	Jamie Loving 405-954-5304 405-550-9791 Julie Gamblin 405-682-1990 x-1037 405-830-3784	True Sky Credit Union will implement ACE Camp, 7th - 8th grade, (2) weeklong summer camps with hands-on activities & classroom lecture in aviation, aerospace & space.	\$199,678	52	Oklahoma City	\$20,749	\$11,000	5.51%	\$211.54	Drones, sheet metal, rivets, t-shirts, backpacks, supplies	\$12,500	N/A	\$12,500
Tulsa Community College	Julile Porterfield 918-595-8191 580-747-1717 Barbara Waxman, Ph.D. 918-595-7872	Tulsa Community College seeks resources to implement their Aviation Explorers Summer Program that will provide students with unique opportunities to explore aerospace careers including piloting, drone ops, and ATC. Through field trips and discovery flights students will gain firsthand appreciation for aerospace industry.	\$5,865	25	Tulsa	\$2,540	\$2,500	42.63%	\$100.00	Drones & supplies	N/A	N/A	N/A
University of Oklahoma Sooner Flight Academy	Ashley Chrisman 405-325-1635 405-694-5027	"Sooner Flight Academy" K - 12th grade, camp provides aviation, aerospace, and STEM (science, technology, engineering, and mathematics) education via hands-on lessons, activities, demos, experiments, and flight experiences.	\$261,662	500	Norman	\$48,400	\$40,000	15.29%	\$80.00	Scholarships & interns	\$42,000	\$42,000	\$45,000

Other School Programs													
Altus Pubic Schools*	Dr. Lana Mowdy 580-481-2681; 580-318-2523	Dove Science Academy HS will implement an Aerial Drone afterschool program for grades 9-12 using the Robolink Drone Education curriculum. The program plans activities for students that illustrate the intersection between drone technology and the aerospace industry.	\$31,870	75	Altus	\$12,000	\$9,000	28.24%	\$120.00	CoDrone Edu Package	N/A	N/A	N/A
Claremore NJROTC	Col. John Rahe Jr. 918-923-4200 work/ 910-546-8872 cell	Claremore NJROTC STEM (FAA Part 107 sUAS) 7th - 12th grade cadets will gain the knowledge to prepare for the Part 107 sUAS certification. Funds will also enhance quality and competitive stature as Claremore competes in many drone tournaments and competitions across a three state region.	\$3,000	150	Claremore	\$2,699.95	\$2,699	89.97%	\$17.99	Drones & Part 107	\$2,697	\$2,697	N/A

APPLICANT	CONTACT INFO	Program Summary	PROGRAM BUDGET	STUDENTS REACHED	GEOGRAPHIC AREA	AMOUNT REQUESTED	Amount Recommended	OAC Funding %	Cost Per Student	Items	FY 2024	FY 2023	FY 2022
Dove Schools of Oklahoma	Kanuni David Yilmaz 405-605-0201 405-227-6823 Abidin Erez 405-605-0201 832-573-7610	Dove will implement an After School STEM Club elective where students in Grades 5-12 form teams to pilot drones through obstacles courses & program them for flight to compete against other schools at out of state competitions in Colorado and Texas.	\$29,772	250	OKC & Tulsa	\$14,886	\$5,000	16.79%	\$20.00	Drones	\$5,000	N/A	N/A
Dove Science Academy MS*	Sadat Karaca 405-992-5570 Muhittinkelesli 405-588-3001	Dove Science Academy MS will implement an afterschool Drone and STEM Club for grades 6-8. The Drone Club will offer hands on STEM learning experiences in coding, piloting and aerospace technology and provide students with a deeper understanding of aerospace technology and its real-world applications.	\$3,000	290	Oklahoma City	\$2,699	\$2,699	89.97%	\$9.31	Drones	N/A	N/A	N/A
Dove Science Academy HS*	Guvanch Gulmyradov 405-524-9762 HS Principal 512-993-1907 405-524-9762	Dove Science Academy HS requests resources to implement an Aerial Drone afterschool program for grades 9-12 using the Robolink Drone Education curriculum. The program plans activities for students to gain an understanding of intersection between drone technology and aerospace industry.	\$2,900	18	Oklahoma City	\$2,039.99	\$2,039	70.31%	\$113.28	Drones	N/A	N/A	N/A
John Rex Middle School*	Patrik Duffy 405-875-0032 405-919-8645	John Rex Middle School will implement a Drone Aviation STEM cluster that will foster skills in aviation technology, engineering, problem solving and teamwork using the PITSCO Drone Aviation STEM PBL curriculum.	\$13,690	180	Oklahoma City	\$6,845	\$6,350	46.38%	\$35.28	Drone STEM PBL	N/A	N/A	N/A
Mercy School Institute*	Lina Trad 405-812-0488	Mercy School Institute requests resources for implementing elective course programming that will provide a comprehensive introduction to aerospace and aeronautics through STEM activities that focus on robotics, Python programming, CAD and unmanned aircraft systems. The curriculum will roll out in three phases, targeting students at different grade levels with different skills and projects.	\$20,335	100	Edmond	\$8,192	\$2,500	12.29%	\$25.00	Airplane kits, drone maker kit, LEGO Mindstorm kit, drones, Drone Blocks license	N/A	N/A	N/A
Moore Norman Technology Center	Lee Dow 405-801-5601 Brian Ruttman 405-801-5101 405-246-6376	Moore Norman Technology Center is requesting resources to equip an Airframe and Powerplant program for high school juniors. This program will mirror the adult program launched in August 2023. The high school course will build awareness of the aviation maintenance career pathway by engaging students in hands on learning to build a foundation for A & P certification post high school. As a program that runs simultaneously with an adult program, additional tools and supplies are needed to meet FAA ACS standards.	\$60,361	50	Moore/Norman	\$29,407	\$6,000	9.94%	\$120.00	Aviation general module supplies	\$2,617	N/A	N/A
Olustee - Eldorado Public Schools* (Elementary)	Michelle Houser 214-770-2604 580-648-2243 Melvin Hazel 580-471-5355	Olustee-Eldorado requests resources for an 18-week classroom drone experience. Working in tandem with Starbase at Burns Flat, students will build drones, use base block and Python programming to configure/control the drones. Students will then attend a weeklong intensive experience at NASA Starbase in Burns Flat.	\$3,000	18	Olustee	\$2,699.99	\$2,699	89.97%	\$149.94	Drones	N/A	N/A	N/A
Olustee - Eldorado Public Schools* (High School)	Elizabeth Jones 580-483-9181 Melvin Hazel 580-471-5355	Olustee-Eldorado requests High School requests resources for the building and configuring of ten programmable Rotorcraft drones. Students will gain a basic understanding of aerospace dynamics, aviation, and engineering and Python programming. Learning can also be reinforced through flight simulations, field trips to local military bases, and guest speakers from the Altus Air Force base.	\$2,418	20	Olustee	\$2,176	\$2,175	89.96%	\$108.75	Drone kit & coding	N/A	N/A	N/A

APPLICANT	CONTACT INFO	Program Summary	PROGRAM BUDGET	STUDENTS REACHED	GEOGRAPHIC AREA	AMOUNT REQUESTED	Amount Recommended	OAC Funding %	Cost Per Student	Items	FY 2024	FY 2023	FY 2022
Pamela Hodson Elementary*	Michelle C. Farabough, Ph.D. 918-287-6465 Dawn Testa 918-424-6653	Pamela Dodson Elementary (Owasso PS) requests resources for teaching their newly created "Let's Learn to Fly" program that will capitalize on childhood curiosity about flight. Students will conduct experiments to observe the four forces of flight and learn about Bernoulli's Principle and Newton's Laws of Motion. Lessons and STEM activities will be selected from the CAP's "Aerospace for the Very Young" guide and "Aerospace Education Excellence AEX 1" activities. Industry experts will also be invited as classroom guest speakers with an Aviation Career Day planned for April 2025.	\$3,308	571	Owasso	\$2,977	\$2,977	89.99%	\$5.21	Flight mission kit & storage	N/A	N/A	N/A
Rattan Public Schools*	Angela Ervin 405-831-6350 Tonya Scott 580-587-2715	Rattan Public Schools will teach "Students Take Flight". One week each month students will spend time becoming proficient with indoor drone flight. The program will culminate with a STEM night for parents and community members that will showcase the learning experience. Rattan requests funding to purchase the Dronology curriculum for elementary students.	\$2,995	140	Rattan	\$2,696	\$2,695	89.98%	\$19.25	Drone kit	N/A	N/A	N/A
Tulsa East Central High School*	Dwight Long 918-269-4005 Gina Wilson 918-813-4906	Tulsa East Central High School requests resources for implementing Choose Aerospace Years 1-2	\$14,620	90	Tulsa	\$7,310	\$5,300	36.25%	\$58.89	Simulator	N/A	N/A	N/A
Tuskahoma Public School*	Larissa Freeman 918-569-7737 Jonathen Freeman 918-569-7737	Tuskahoma Public Schools requests resources to implement the Project Lead the Way Gateway Unit. Students will explore aviation and aerospace through engineering design, and creative problem solving.	\$10,862	20	Tuskahoma	\$1,762	\$1,761	16.21%	\$88.05	Project Lead the Way	N/A	N/A	N/A
Wyandotte Middle School*	Jenni Burns 620-249-4474 Brad Wade 918-541-2222 x-1600	Wyandotte Middle School requests resources to implement BEARS Aviation (Beginning Explorations in Aerospace with Reading & STEM), a program to cultivate passion for aviation and aerospace.	\$3,725	50	Wyandotte	\$2,700	\$2,700	72.48%	\$54.00	Gaming laptop, field trip, t-shirts, VR	N/A	N/A	N/A

AOPA													
Wynnewood High School	Bridget Goodknight 501-297-2092 Byron Mooney 405-665-1124	Wynnewood High School requests resources to implement AOPA Years 1-3, 3 sections, 9th-12th grades, both pathways.	\$30,414	20	Wynnewood	\$5,000	\$5,000	16.44%	\$250.00	Symposium (2 teachers), supplies	\$5,700	N/A	N/A
Wyandotte High School	Dana Morisset 918-678-2222 x-1453 Brad Wade 918-541-2222 x-1600	Wyandotte High School requests resources to implement AOPA years 1-3, 9th-12th grades, 4 sections, both pathways	\$306,962	70	Wyandotte	\$17,500	\$12,500	4.07%	\$178.57	Symposium (2 teachers), (3) gaming simulators, software, controller, monitors, field trips, balance towards drones	\$8,225	\$6,500	N/A
Wright City Public Schools	Trish Tuck 580-981-2558/580-236-2663	Wright City Public Schools requests resources to implement AOPA year 1 and 2, 3 sections, 9th-12th grades, both pathways	\$48,700	50	Wright City	\$21,265	\$10,495	21.55%	\$209.90	Symposium, supplies, Drone Blocks	\$7,100	N/A	N/A
Weatherford Public Schools	Doug Gunselman 580-772-3327/580-816-0374 Mark Harmon 405-464-7976	Weatherford Public Schools requests resources to implement AOPA years 1 - 4, 8 sections, 9th-12th grades, pilot pathway. Choose Aerospace Year 1 will also be offered for 1 section. Weatherford Public Schools will also offer K-12 aviation awareness activities.	\$73,225	2,500	Weatherford	\$14,787	\$13,000	17.75%	\$5.20	Wind tunnel, styrofoam planes, symposium, shirts	\$12,500	\$12,500	N/A
Watonga Public Schools*	Steve Lake 580-791-3444 Lauren Coleman 580-623-9460	Watonga Public Schools requests resources to implement AOPA year 1, 2 sections, 9th-12th grades, both pathways.	\$29,950	40	Watonga	\$12,550	\$9,000	30.05%	\$225.00	Simulator, symposium, supplies, t-shirts, drones	N/A	N/A	N/A
Union Public Schools	Kenneth Moore 918-357-6102/918-845-0784	Union Public Schools requests resources to implement AOPA year 1 and 2, 10 sections, 9th-12th grades, both pathways	\$188,280	250	Tulsa	\$24,780	\$9,800	5.21%	\$39.20	T-shirts, symposium (2 teachers), supplies, field trip	\$12,000	N/A	N/A

APPLICANT	CONTACT INFO	Program Summary	PROGRAM BUDGET	STUDENTS REACHED	GEOGRAPHIC AREA	AMOUNT REQUESTED	Amount Recommended	OAC Funding %	Cost Per Student	Items	FY 2024	FY 2023	FY 2022
Tri County Technology Center	Dr. Dennis Grover 918-331-3227/214-773-7239 Tara Gotwalt 918-331-3221/918-766-4887	Tri-County Tech requests resources to implement their Drones and Aviation program with AOPA Years 1 - 4, 2 sections, drone pathway, teaching 9th-11th curriculum 1st year & 12th second year to 12th grade; They also plan to offer a summer STEM camp for students.	\$145,092	36	Bartlesville	\$46,300	\$14,300	9.86%	\$397.22	Simulator, Drone Blocks Kit	\$10,000	\$10,500	N/A
Tahlequah High School	Natalie Cloud 918-718-4574/918-458-4150	Tahlequah High School requests resources to implement AOPA year 1-2, 9th-12th grades, 3 sections, both pathways	\$30,700	50	Tahlequah	\$11,700	\$7,100	23.13%	\$142.00	Supplies, symposium, tools/tool kits, field trips, t-shirts	\$6,900	N/A	N/A
Stroud Public Schools	Jerry Martin 918-968-2542/405-567-5623	Stroud Public Schools requests resources to implement AOPA years 1-2, 9th-12th grades, 2 sections, both pathways	\$20,500	20	Stroud	\$8,500	\$5,000	24.39%	\$250.00	Supplies, drones	\$4,000	N/A	N/A
Stonewall Public School*	Kris Larsh 580-232-1020 Jimmie Skender 580-399-3116	Stonewall Public Schools requests resources to implement AOPA year 1,1 section, 8th grade, both pathways.	\$13,000	45	Stonewall	\$6,500	\$6,500	50.00%	\$144.44	Simulator, supplies	N/A	N/A	N/A
Stillwater Public Schools	Ashley Moore 405-707-5015/405-612-1128 Dr. Janet Vinson 405-533-6300	Stillwater Public Schools requests resources to implement AOPA years 1-4, 10 sections, 9th-12th grades, both pathways.	\$86,387	170	Stillwater	\$12,895	\$12,000	13.89%	\$70.59	Simulator, wind tunnel, engine parts	\$5,994	N/A	N/A
Silo High School*	Mike McDonald 580-924-7000/580-931-7541 Kate McDonald 580-924-7000/580-931-1531	Silo High School requests resources to implement AOPA year 1, 1 section, 9th-12th grades, both pathways.	\$14,080	15	Silo	\$6,485	\$5,985	42.51%	\$399.00	Supplies, t-shirts, field trips, drones & arena	N/A	N/A	N/A
Seminole High School	Zane Watters 405-888-1869 405-382-1415 McKayla Plett 580-278-0453	Seminole Public Schools requests resources to implement AOPA years 1-4, 4 sections, 9th-12th grades, both pathways.	\$31,263	60	Seminole	\$2,690	\$2,690	8.60%	\$44.83	Flight simulator components	\$6,450	\$6,150	\$6,500
Savanna Public Schools*	Andrew Jewell 918-548-3777/918-318-9056 Adam Newman 918-424-1128	Savanna Public Schools requests resources to implement AOPA year 1, 2 sections, 9th-12th grades, both pathways.	\$68,673	40	Savanna	\$10,960	\$7,000	10.19%	\$175.00	Symposium, supplies, t-shirts, field trips, remainder towards drones	N/A	N/A	N/A
Rejoice Christian School*	James Cox 918-946-5987 Lisa Zingerman 918-516-0500	Rejoice Christian School requests resources to implement AOPA year 1, 2 sections, 9th-12th grades, both pathways.	\$23,858	30	Owasso	\$10,000	\$5,500	23.05%	\$183.33	(1) Flight simulator PC, software, yoke, throttle, pedals, desk, chair, supplies, drones	N/A	N/A	N/A
Putnam City Public Schools / Putnam City Aviation	Denise Hensley 405-495-5200 x1295	Putnam City Aviation requests resources to implement AOPA years 1-4, 6+ sections, Grades 10-12, pilot pathway. They will also teach Choose Aerospace years 1 and 2.	\$500,000	120	Oklahoma City	\$23,820	\$15,000	3.00%	\$125.00	Symposium (2 teachers), supplies, (10) Logitech throttle, yoke, pedals, VR headsets, t-shirts	\$4,400	\$8,000	N/A
Ponca City Public Schools*	Alicia Smith 580-718-4801/918-527-1232 Dalana Hawkins 580-718-3857	Ponca City Public Schools requests resources to implement AOPA year 1-3, 5 sections, Grades 9-12, both pathways.	\$77,000	100	Ponca City	\$29,000	\$12,000	15.58%	\$120.00	Simulator, supplies, wind tunnel	N/A	N/A	N/A
Piedmont Public Schools	Anthony Mellendorf 405-476-4673 Mark Melson 405-373-2311	Piedmont Public Schools requests resources to implement AOPA year 1-4, 6 sections, Grades 9-12, pilot pathway.	\$55,580	150	Piedmont	\$9,500	\$9,500	17.09%	\$63.33	(15) Logitech rudder pedals/yoke, Xplane software, supplies & symposium	\$7,576	\$8,000	N/A
Perry High School*	Amanda Wilson 580-336-8774 Brandon Hight 580-336-4415	Perry High School requests resources to implement AOPA year 1, 1 section, grade 9, both pathways.	\$29,300	10	Perry	\$10,000	\$9,000	30.72%	\$900.00	Simulator, supplies, field trip, drones	N/A	N/A	N/A
Pawhuska High School	Ashley Rasmussen 951-691-3293	Pawhuska High School requests resources to implement AOPA year 1, 3 sections, grades 9-12, both pathways.	\$14,987	60	Pawhuska	\$6,854	\$6,800	45.37%	\$113.33	Symposium, pilot certificate & (7) Meta 3	\$5,000	\$5,000	N/A
Pauls Valley High School	Mark Green 405-207-1671 Kirk Moore 405-238-6497	Pauls Valley High School requests resources to implement AOPA year 1,1 section, grades 10-12, both pathways.	\$13,353	20	Pauls Valley	\$5,000	\$2,500	18.72%	\$125.00	T-shirts, field trips & aviation day	\$5,100	\$7,000	N/A
P91-Chase*	Matt Ranck 405-570-9575	P91-Chase requests resources to implement AOPA Years 1-4, 6 sections, grades 9-12, pilot pathway.	\$39,500	30	Midwest City	\$9,500	\$9,050	22.91%	\$301.67	Flight simulator & materials	N/A	N/A	N/A

APPLICANT	CONTACT INFO	Program Summary	PROGRAM BUDGET	STUDENTS REACHED	GEOGRAPHIC AREA	AMOUNT REQUESTED	Amount Recommended	OAC Funding %	Cost Per Student	Items	FY 2024	FY 2023	FY 2022
Okmulgee Public Schools	Anthony Snow 405-227-3930 LuVona Copeland 918-527-2294	Okmulgee requests resources to teach AOPA years 1 & 2, grades 9-12, 6 sections, both pathways. They will also teach Choose Aerospace years 1-2, 2 sections.	\$187,125	60	Okmulgee	\$96,855	\$3,000	1.60%	\$50.00	Supplies & field trips	N/A	N/A	N/A
Oklahoma Christian School*	Whitney Smith 580-210-8639 Dr. Al King 405-341-2265	Oklahoma Christian School requests resources to implement AOPA year 1 to grade 9 students, 1 section, both pathways.	\$16,810	24	Edmond	\$8,325	\$8,325	49.52%	\$346.88	Simulator, symposium, shirts, drones, supplies	N/A	N/A	N/A
Oklahoma Christian Academy*	Pamela Donahoo 405-513-3025 Suzanne Heng 405-844-6478/405-659-8789	Oklahoma Christian Academy requests resources to implement AOPA year 1, grades 9-12, 1 section, both pathways.	\$1,374	14	Edmond	\$1,237	\$1,236	89.96%	\$88.29	Flight simulator components	N/A	N/A	N/A
Oilton High School	Trevor Middleton 918-862-0389/805-868-8809 Jenniffer Purvis 918-527-3828	Oilton High School requests resources to implement AOPA years 2 and 3 to grades 9-12, 2 sections, both pathways. They will also teach Choose Aerospace year 1-2 for 2 sections, grades 9-12.	\$58,721	35	Oilton	\$21,210	\$5,000	8.51%	\$142.86	Choose Aerospace Supplies	\$5,100	\$4,100	N/A
Norman Public Schools / Oklahoma Aviation Academy	Michael Olivera 405-366-0508/334-235-7500 Terry Adams 405-366-0508/918-605-0504	The OAA Drone Studies pathway will integrate both the AOPA You Can Fly curriculum with Pitsco Drone Career curriculum along with faculty designed experiences to equip and prepare students with the necessary skills to earn the FAA Part 107 commercial drone certificate through engaging hands-on experiences, practical application and career preparation necessary for pursuing careers in the UAS industry.	\$42,194	220	Norman	\$21,097	\$15,000	35.55%	\$68.18	Dexi 5 Pack, PITSCO drone flight guide curriculum, field kit, Echo Drones	\$13,590	\$15,000	N/A
Newcastle High School	Jordan Heatly 405-387-4304, 405-482-1939	Newcastle High Schools requests resources to implement AOPA Years 1 and 2, 5 sections, grades 9-12, both pathways. They will also teach 2 sections of Choose Aerospace, grades 9-12.	\$53,250	125	Newcastle	\$7,250	\$5,500	10.33%	\$44.00	Symposium, field trip, supplies	\$6,600	N/A	N/A
Mustang High School	Gary Knowles 405-806-5698/405-410-5723 Dr. Kathy Knowles 405-376-7362/405-412-0191	Mustang High School requests resources to implement AOPA Years 1-4, 7 sections, 9th-12th grades. They will also provide community awareness via elementary schools targeting over 1,000 younger students.	\$76,026	200	Mustang	\$5,919	\$5,900	7.76%	\$29.50	Symposium, field trip, supplies, outreach	\$4,200	\$5,883	\$2,617
Mid-Del Technology Center	Simon Gallagher 405-739-1707 x-6326 Rebecca Foster 405-739-1707 x-6311 918-319-1917	Mid-Del Technology Center requests resources to provide Gleim online ground school training, Gleim online private pilot test prep, and exam fees for the FAA Private Pilot written exam. These resources will be used for 15 students enrolled in the Aircraft Command Experience (Pilot focus).	\$97,364	15	Midwest City	\$6,164	\$6,100	6.27%	\$406.67	Ground school & private pilot test prep & exam fees	\$9,700	N/A	N/A
Miami Public Schools*	Amie Whitehill 918-542-4421/918-533-0200 Jill Douthit 918-542-8455/918-533-4297	Miami Public Schools requests resources to implement AOPA Years 1 and 2, 6 sections, Grades 9-12, both pathways.	\$92,619	100	Miami	\$16,534	\$9,000	9.72%	\$90.00	Simulator, supplies, field trip	N/A	N/A	N/A
McAlester Public Schools	Amy Shaw 918-423-4776; 918-424-4069	McAlester Public Schools will implement AOPA years 1-4 and requests resources for teaching 200+ students in grades 8-12. They will offer three sections of Year 1, two sections of Year 2, two sections of Year 3 and one of Year 4 in both pathways. They also wish to implement a special initiative "Disaster Relief and Aerial Reconnaissance". Aviation students will explore the question "How Can We Help in an Emergency/Disaster Situation?" by learning remote sensing/aerial reconnaissance, planning a survey mission, interpreting photos, & working in teams.	\$46,319	200	McAlester	\$10,500	\$10,000	21.59%	\$50.00	Supplies & drones	\$6,000	\$5,000	\$8,000
Lexington High School	Bryan Stenseth 623-388-7651 Ryan Perry 405-527-3810	Lexington High School requests resources to implement AOPA year 1, 3 sections, 9th - 12th grades, both pathways.	\$34,537	75	Lexington	\$10,500	\$9,500	27.51%	\$126.67	Simulator, supplies, drones	\$6,800	N/A	N/A
Konawa Public Schools*	Sean Walker 580-925-3221 580-665-3635	Konawa Public Schools requests resources to implement AOPA year 1, 4 sections, 9th - 12th grades, both pathways.	\$41,112	80	Konawa	\$18,700	\$10,000	24.32%	\$125.00	Simulator, symposium, supplies, tshirts, remainder towards drones	N/A	N/A	N/A

APPLICANT	CONTACT INFO	Program Summary	PROGRAM BUDGET	STUDENTS REACHED	GEOGRAPHIC AREA	AMOUNT REQUESTED	Amount Recommended	OAC Funding %	Cost Per Student	Items	FY 2024	FY 2023	FY 2022
Kingston Public School*	Dickey Dewayne Taylor 580-564-2384 Wesley Burnett 580-564-9033	Kingston Public Schools requests resources to implement AOPA year 1, 1 section, 9th - 12th grades, both pathways.	\$72,587	20	Kingston	\$36,200	\$6,800	9.37%	\$340.00	Simulator & supplies	N/A	N/A	N/A
Ketchum Public School	Brian McLain 918-782-4481 918-430-4198 Joy Taylor 918-244-5293	Ketchum Public Schools requests resources to implement AOPA years 1-3, 3 sections, 9th - 12th grades, pilot pathway.	\$50,847	22	Ketchum	\$9,525	\$5,575	10.96%	\$253.41	Symposium (2 teachers), E6B, plotters, private pilot book & test, supplies	\$2,257	\$9,000	N/A
Jenks Freshman Academy*	Ellen Vannoy, Ed.D 918-299-4415 x2417; 304-425-3803	Jenks Freshman Academy requests resources to implement AOPA year 1, 2 sections, 9th grade, drone pathway.	\$24,727	40	Jenks	\$10,500	\$3,320	13.43%	\$83.00	Symposium, shirts & supplies	N/A	N/A	N/A
Indiahoma Public School*	Mandi Ulloa 580-246-3333; 580-583-2075	Indiahoma Public Schools requests resources to implement AOPA year 1, 2 sections, 9th - 12th grades, both pathways.	\$18,869	70	Indiahoma	\$9,406	\$8,000	42.40%	\$114.29	Simulator, t-shirts, balance towards drones	N/A	N/A	N/A
Hugo High School*	Tanner Trent 580-326-6483	Hugo High School requests resources to implement AOPA year 1, 4 sections, 9th - 12th grades, both pathways.	\$58,554	70	Hugo	\$29,324	\$7,500	12.81%	\$107.14	Simulator, t-shirts,, balance towards drones	N/A	N/A	N/A
Grove High School	David L. Roberts 918-521-9137	Grove High School requests resources to implement AOPA years 1 and 2, 4 sections, 9th - 12th grades, both pathways.	\$50,700	38	Grove	\$8,000	\$8,000	15.78%	\$210.53	Simulator, supplies, drones	\$5,250	N/A	N/A
Grandfield Public Schools	Ramiro Longoria 580-479-3140 580-305-2505	Grandfield Public Schools requests resources to implement AOPA year 1-3, 3 sections, 9th - 11th grades, both pathways.	\$11,866	20	Grandfield	\$2,800	\$2,800	23.60%	\$140.00	Supplies, field trip, tshirts	\$550	N/A	N/A
Enid Public Schools	Shannon Crowley 580-366-7017; 915-504-5955	Enid Public Schools requests resources for continued implementation of AOPA years 1-4, 8 sections, 9th - 12th grades, both pathways. They are also implementing Year 2 of Tango Flight, building a Van's RV-12 aircraft.	\$150,167	175	Enid	\$71,372	\$15,000	9.99%	\$85.71	(2) Redbirds/pedals, symposium, field trip, balance to renewals/software	\$15,138	\$12,500	N/A
Edmond Santa Fe High School*	Zack Boatman 405-726-7336	Edmond Santa Fe High School requests resources to implement AOPA year 1, 2 sections, 9th - 12th grades, both pathways.	\$34,541	50	Edmond	\$13,250	\$10,000	28.95%	\$200.00	Simulator, supplies, shirts, drones	N/A	N/A	N/A
Edmond Memorial High School*	James Vernon Ph# TBD	Edmond Memorial High School requests resources to implement AOPA year 1, 4 sections, 9th - 12th grades, both pathways.	\$60,965	100	Edmond	\$16,500	\$10,000	16.40%	\$100.00	Simulator, symposium, supplies, shirts, drones	N/A	N/A	N/A
Durant Public Schools	Zachary Morgan, JD 405-761-9137/580-924-4424 Cheryl Conditt 580-916-5781/580-924-4424	Durant Public Schools requests resources to implement AOPA years 1-3, 4 sections, 9th - 12th grades, both pathways; and Choose Aerospace year 1, 2 sections. The also plan to involve students in grades 7-8 in aerospace programming.	\$104,404	200	Durant	\$17,118	\$9,100	8.72%	\$45.50	Paper E6B, plotters, headsets/bags, chart, private pilot training kit, Part 107 guides & tests, supplies, drones	\$1,325	\$5,000	\$4,500
Deer Creek Public Schools	Holly Blunk 918-813-5534 Buck King 580-670-0340	Deer Creek Public Schools requests resources to implement AOPA year 1, 2 sections, 9th - 12th grades, both pathways. The also plan activities to engage and inspire their youngest K-3 learners about the aviation industry.	\$22,532	300	Deer Creek/Edmond	\$1,850	\$1,850	8.21%	\$6.17	Symposium, supplies, groundschool scholarship, pilot's handbook	\$1,600	\$4,300	\$7,000
Cushing High School	Dr. Jessica Sigle 732-804-8063 Dr. Melissa Amon 918-225-3425	Cushing High School requests resources to teach AOPA year 2, 2 sections, 10th - 12th grades, both pathways.	\$2,469	10	Cushing	\$2,222	\$2,000	81.00%	\$200.00	Supplies & outreach	\$1,430	N/A	N/A
Collinsville Public Schools	Scott Kiker 918-371-3382/918-695-1667 Kelly Hamlin 918-371-2326/918-639-0595	Collinsville Public Schools requests resources to implement AOPA years 1 and 2, 2 sections, 9th - 11th grades, both pathways.	\$49,045	65	Collinsville	\$10,500	\$7,000	14.27%	\$107.69	(2) ByteSpeed Flight Simulators	\$6,000	N/A	N/A
Chisholm High School	Travis Buford 719-649-9669 Marcus Chapman 580-237-5512	Chisholm High School requests resources to implement AOPA years 1 & 3, 3 sections, 8th - 12th grades, both pathways.	\$24,560	60	Enid	\$2,000	\$2,000	8.14%	\$33.33	Supplies	N/A	\$5,463	N/A
Chelsea High School	Eric Harris 918-798-5072	Chelsea High School requests resources to implement AOPA years 1-3, 3 sections, 9th - 12th grades, pilot pathway.	\$30,237	50	Chelsea	\$9,000	\$8,500	28.11%	\$170.00	T-shirts, supplies, field trip, symposium (2 teachers) & drones	\$7,239	\$6,325	N/A
Byng Public Schools*	Justin Thompson 580-310-6733/280-515-4426 Kevin Wilson 580-310-6751	Byng Public Schools requests resources to implement AOPA years 1-3, 3 sections, 9th - 12th grades, pilot pathway.	\$36,738	35	Byng/Ada	\$8,050	\$8,050	21.91%	\$230.00	Simultaor, supplies, workbooks	N/A	N/A	N/A

APPLICANT	CONTACT INFO	Program Summary	PROGRAM BUDGET	STUDENTS REACHED	GEOGRAPHIC AREA	AMOUNT REQUESTED	Amount Recommended	OAC Funding %	Cost Per Student	Items	FY 2024	FY 2023	FY 2022
Burns Flat-Dill City School District*	Jamie Matuszewski 580-562-4844	Burns Flat-Dill City School District requests resources to implement AOPA year 1, 2 sections, 9th - 12th grades, both pathways.	\$99,477	20	Burns Flat-Dill City	\$26,693	\$9,000	9.05%	\$450.00	Simulator, symposium, supplies, shirts, field trip	N/A	N/A	N/A
Broken Bow High School*	Mike Hall 580-584-3365/580-236-2573 Carla Ellisor 580-584-3306	Broken Bow High School requests resources to implement AOPA years 1 and 2, 2 sections, 9th - 12th grades, both pathways.	\$26,486	30	Broken Bow	\$13,085	\$8,900	33.60%	\$296.67	Simulator, supplies, drones	N/A	N/A	N/A
Broken Arrow Vanguard Academy*	Kristi Mowery 918-259-4320/918-851-4746 Stacy Replogle 918-625-1501	Broken Arrow Vanguard Academy requests resources to implement AOPA years 2, 1 section, 9th - 12th grades, both pathways; and Choose Aerospace, year 1, 1 section, 9th - 12th grades.	\$32,970	40	Broken Arrow	\$10,929	\$7,500	22.75%	\$187.50	(2) Desktop, monitor, Microsoft software, yoke, pedals, sidestick, supplies, drones w/remainder	N/A	N/A	N/A
Bristow Public Schools*	Vicki Wilson 918-367-2241 x571; 918-633-4032	Bristow Public Schools requests resources to implement AOPA year 1 and 2, 3 sections, 8th - 12th grades, both pathways; and Choose Aerospace.	\$30,600	200	Bristow	\$6,050	\$6,050	19.77%	\$30.25	Supplies, drone tools, pilot's handbook	N/A	N/A	N/A
Blackwell High School*	Joseph Culver 580-363-3553/405-612-1285 Shawn Haskins 580-363-2570/580-861-2782	Blackwell High School requests resources to implement AOPA year 1, 2 sections, both pathways, 9th - 12th grade.	\$32,374	50	Blackwell	\$17,670	\$9,000	27.80%	\$180.00	Simulator, symposium, supplies, drones w/remainder or field trips			
Bixby Public Schools*	Cody Coonce 918-366-2240/918-855-8492 Lydia Wilson 918-366-2240/918-640-4048	Bixby Public Schools requests resources to implement AOPA year 1, 2 sections, both pathways, 9th - 10th grade.	\$32,825	50	Bixby	\$12,825	\$7,750	23.61%	\$155.00	Simulator, supplies, storage	N/A	N/A	N/A
Bethany Public Schools*	Adam Forester 405-787-3240/405-664-6022 David Jewell 405-499-4630/405-620-3001	Bethany Public Schools requests resources to implement AOPA year 1, 1-2 sections, both pathways, 9th - 12th grade.	\$16,657	20	Bethany	\$7,594	\$7,594	45.59%	\$379.70	Simulator, symposium, supplies	N/A	N/A	N/A
Ardmore High School	Gary Spears 580-226-7680 616-295-5459	Ardmore High School requests resources to implement AOPA year 1, 1 section, 9th - 12th grade, pilot pathway.	\$41,000	25	Ardmore	\$3,000	\$3,000	7.32%	\$120.00	Supplies & drone	\$1,600	\$7,200	N/A
Ada City Schools	Chris Eckler 580-453-1919 Mike Anderson 580-310-7200	Ada High School requests resources to implement AOPA year 1 - 4, 6 sections, both pathways, 9th - 12th grade. Ada HS is also in the process of remodeling a lab space to implement Tango Flight, an aircraft maintenance and manufacturing program. The district will also implement aviation lessons Pre-K - 8.	\$290,150	2,600	Ada	\$19,300	\$15,000	5.17%	\$5.77	Symposium, elementary activities, shirts, ACE scholarships, flight sim upgrades, VR headsets	\$5,680	\$15,000	\$25,000
*= First Time Applicants	Total		\$3,994,600	5,998		\$1,324,321	\$731,128						

		Applications
AOPA	\$441,823	60
Other School Programs	\$132,791	15
Camps & Workshops	\$80,629	11
Competitions & Events	\$20,937	4
Additional Education/Outreach/Workforce Development	\$54,948	8
Staff Recommended	\$731,128	98