



OKLAHOMA Aerospace & Aeronautics

**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.”

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

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 Blake Raney Vice Chair (District 5)
Seth Phillips Commissioner (District 1)

The meeting was called to order at 10:00 a.m. with 5 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 Potter seconded the motion. Chairman Ortega called for the vote, and the votes were recorded as follows:

Ayes - Commissioner Putnam
Commissioner Hunter
Commissioner Potter
Chairman Ortega
Commissioner Ritz

Nays -

Abstain -

The motion carried 5-0.

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

Action Required

The Commission was briefed on items A and B and asked for approval of the Airport Construction Grant Program Consent Docket.

- 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.

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

Ayes - Commissioner Putnam
Commissioner Hunter

Commissioner Potter
Chairman Ortega
Commissioner Ritz

Nays -

Abstain -

The motion carried 5-0.

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

Action Required

The Commission was briefed on items A-E and recommended approval.

- 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.

Commissioner Hunter made a motion to approve the Aero Education Program Framework for Fiscal Year 2025. Commissioner Putnam seconded the motion. Chairman Ortega called for the vote, and the votes were recorded as follows:

Ayes - Commissioner Putnam
Commissioner Hunter
Commissioner Potter
Chairman Ortega
Commissioner Ritz

Nays -

Abstain -

The motion carried 5-0.

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

Action Required

The Commission was briefed on items A-H and heard remarks from representatives from most organizations. The Commission was asked to consider approval for the items presented.

- 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.

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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.

Commissioner Putnam made a motion to approve the Aerospace and Aviation Education Grant Program Consent Docket- Additional Education/Outreach/Workforce Development Programs. Commissioner Potter seconded the motion. Chairman Ortega called for the vote, and the votes were recorded as follows:

Ayes - Commissioner Putnam
Commissioner Hunter
Commissioner Potter
Chairman Ortega
Commissioner Ritz

Nays -

Abstain -

The motion carried 5-0.

7. AEROSPACE AND AVIATION EDUCATION GRANT PROGRAM CONSENT DOCKET – COMPETITIONS AND EVENTS – Stephanie Holt-Lucas, Aerospace Education Coordinator

Action Required

The Commission was briefed on items A-D and heard remarks from representatives from the organizations. The Commission was asked to consider approval for the items presented.

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.

Commissioner Putnam made a motion to approve the Aerospace and Aviation Education Grant Program Consent Docket- Competitions and Events. Commissioner Potter seconded the motion. Chairman Ortega called for the vote, and the votes were recorded as follows:

Ayes - Commissioner Putnam
Commissioner Hunter
Commissioner Potter
Chairman Ortega
Commissioner Ritz

Nays -

Abstain -

The motion carried 5-0.

8. AEROSPACE AND AVIATION EDUCATION GRANT PROGRAM CONSENT DOCKET –

CAMPS AND WORKSHOPS – Stephanie Holt-Lucas

Action Required

The Commission was briefed on items A-K and heard remarks from representatives from the organizations. The Commission was asked to consider approval for the items presented.

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.

Commissioner Ritz made a motion to approve the Aerospace and Aviation Education Grant Program Consent Docket- Camps and Workshops. Commissioner Putnam seconded the motion. Chairman Ortega called for the vote, and the votes were recorded as follows:

Ayes - Commissioner Putnam
Commissioner Hunter
Commissioner Potter
Chairman Ortega
Commissioner Ritz

Nays -

Abstain -

The motion carried 5-0.

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

Action Required

The Commission was briefed on items A-O and heard remarks from representatives from the schools present. The Commission was asked to consider approval for the items presented.

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.

Commissioner Ritz made a motion to approve the Aerospace and Aviation Education Grant Program Consent Docket- Other School Programs. Commissioner Putnam seconded the motion. Chairman Ortega called for the vote, and the votes were recorded as follows:

Ayes - Commissioner Putnam
Commissioner Hunter
Commissioner Potter
Chairman Ortega
Commissioner Ritz

Nays -

Abstain -

The motion carried 5-0.

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

Action Required

The Commission was briefed on items A-HHH and heard remarks from representatives from the schools present. The Commission was asked to consider approval for the items presented.

- 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. Indianoma Public Schools – Indianoma 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.

Commissioner Hunter made a motion to approve the Aerospace and Aviation Education Grant Program Consent Docket- Schools Seeking Funds to Implement the Aircraft Owners and Pilots Association “You Can Fly” Curriculum. Commissioner Putnam seconded the motion. Chairman Ortega called for the vote, and the votes were recorded as follows:

Ayes - Commissioner Putnam
Commissioner Hunter
Commissioner Potter
Chairman Ortega
Commissioner Ritz

Nays -

Abstain -

The motion carried 5-0.

11. REVIEW OF UPCOMING AVIATION AND AEROSPACE EVENTS – Sandra Shelton, Director of Government Affairs, Industry Development and Communications

The Commission was briefed on upcoming events.

Information Only

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

The Commissioners commended the Department, specifically Paula Kedy, on their remarkable work in spreading Aviation education across the state.

13. ANNOUNCEMENT OF NEXT MEETING — Chairman Charles Ortega

Chairman Ortega announced that the next meeting will be at 10:00 a.m. on Wednesday,

September 4, 2024, at the Oklahoma Department of Transportation First Floor Commission Room, 200 Northeast 21st Street in Oklahoma City.

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

No new business.

15. ADJOURNMENT

Chairman Ortega requested a motion to adjourn. Commissioner Putnam made a motion to adjourn. Commissioner Ritz seconded. Chairman Ortega declared the meeting adjourned at 1:25pm.