



Oklahoma Aeronautics Commission

Annual Report



Oklahoma Aeronautics Commission

110 N. Robinson, Suite 200

Oklahoma City OK 73102

1-405-604-6900

E-mail: oac@oac.ok.gov

oac.ok.gov



[/okaeronauticscommission](https://www.facebook.com/okaeronauticscommission)



[/OKAeronautics](https://twitter.com/OKAeronautics)



Oklahoma
Aeronautics
Commission



Aerospace Manufacturing,
Maintenance, Repair & Overhaul



Airport
Development



Aerospace & Aviation
Education



Aerospace & Defense



General Aviation



Unmanned Aerial Systems

FY 2016

2016 State Aviation Art Contest Winners Recognized During Ceremony at State Capitol

In a ceremony at the state Capitol, the Oklahoma Aeronautics Commission recognized nine students for their winning artwork as part of the Oklahoma 2016 International Aviation Art Contest.

The state-level Aviation Art Contest, sponsored by the Aeronautics Commission, encourages youth, ages 6 to 17, to reflect on aviation by designing a piece of art based on the year's chosen theme. The contest theme was "Air Sports in Harmony With Nature."

In the Junior Division, ages 6 to 9, past winner Austin Buchanan from Newalla, who attends Russell Babb Elementary in Harrah, took home first prize for the third year in a row. The second-place winner was past winner Aubrey Robichaux from Russell Dougherty Elementary in Edmond, while third place went to Juliana Yang from Norman, a student at Truman Primary School.

Emmy Huang from Norman, a student at Truman Primary School took top honors in the Intermediate Division, ages 10-13. Taking second was Audry Torbett from Jenks West Intermediate School, while Thomas Buchanan from Newalla, a student at Harrah Middle School, placed third. Thomas has been a regular at the award ceremony since the age of 6, finishing second nationally in 2013.

Tahlequah High School's Jacob Washington finished atop the Senior Division, ages 14-17, followed by Anna Mollette, a student at Fort Gibson High School. MaKenna Heath of Pacola, a student at Moffett School, took third.

First-place winners in each of the three age categories received \$200, while the second-place winners received \$150. A cash prize of \$100 was presented to students who placed third. In addition to the cash prizes, the winners were also presented with certificates of achievement as well as citations from their respective state senator and state representative.

The top three entries in each age division were forwarded to Washington, D.C., where they competed nationally against other winners from the U.S. for the right to advance to the international competition.

Judges for this year's art contest were Glen Henry, director of arts education at the Oklahoma Department of Education; Cynthia Kennedy, Tinker's K-12 science and engineering outreach coordinator; and Eddie Compton, aerospace/defense industry liaison for the Oklahoma Department of Career Technology.

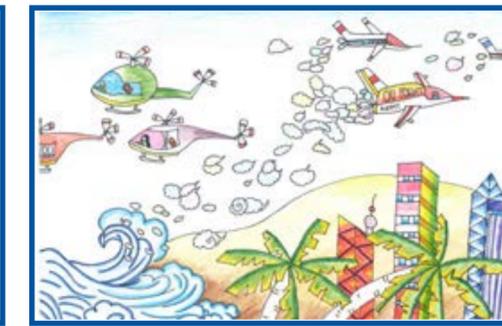
The 2016 International Aviation Art Contest was sponsored, in large part, by the National Aeronautic Association, Fédération Aéronautique Internationale, National Association of State Aviation Officials, Embry-Riddle Aeronautical University, National Coalition for Aviation and Space Education, Federal Aviation Administration and the Ken Cook Co.



This publication is issued by the Oklahoma Aeronautics Commission as authorized by Title 3, Section 84 (C) of the Oklahoma Statutes. Copies have been deposited with the Publications Clearinghouse of the Oklahoma Department of Libraries.



Artwork from Austin Buchanan from Newalla, a student at Russell Babb Elementary took home first prize for the third year in a row.



Artwork from Emmy Huang from Norman, a student at Truman Primary School took top honors in the Intermediate Division, ages 10-13.



Meet the 2015-2016 Oklahoma Aeronautics Commission



Chairman
Tom Stephenson
Oklahoma City
AT LARGE



Vice Chairman
Michael Ray
Guymon - AT LARGE



Secretary
Wes Stucky
Ardmore - District 4



Dave Amis III
Oklahoma City - District 5



Joe Harris
Goldsby - District 3



Dr. David Conway
Durant - District 2



Kevin Potter
Bartlesville - District 1

Meet the Director



Victor Bird has been the Director of the Oklahoma Aeronautics Commission since December 2002.

Bird was named the recipient of the 2009 General Thomas P. Stafford Award, which recognizes an individual who has made a significant contribution to the Oklahoma aerospace industry and who honors the pioneering spirit of General Stafford. In 2010 the Aircraft Owners and Pilots Association recognized Bird with one of its highest honors, the Joseph B. "Doc" Hartranft Jr. Award, for his achievements in public policy that have advanced aviation and aerospace.

Under Bird's leadership, the Commission has partnered with the Federal Aviation Administration to improve the state's airport planning process, becoming a model for other states around the country. He was instrumental in the formation of the

governor's Aerospace Task Force in 2004, which resulted in several recommendations to ensure the viability and growth of the state's aerospace industry. He was the driving force behind the passage of the Aerospace Industry Engineer Workforce Bill, which provides tax credits for new engineers in the state's aerospace industry and for the companies that hire them; Aircraft Pilot and Passenger Protection Act; and the repeal of the sales tax on all aircraft maintenance, repair and overhaul transactions.

In 2010, Bird served as chair for the National Association of State Aviation Officials (NASAO), the first Oklahoman to hold that post in the 79-year history of the association, and was recently selected to serve as regional director for NASAO's Southwest Region. He served on Governor Mary Fallin's Aerospace Transition Working Group, and is an active member of the Governor's Council for Workforce and Economic Development and the University of Oklahoma's aviation advisory board. Bird earned his juris doctorate and bachelor's degree from The University of Tulsa.



Dale Williams
Deputy Director



Jane Mitchell
Chief Operations Officer



Grayson Ardies
Manager Airport
Development Division



Sandra Shelton
Communications &
Government Affairs Liaison



Rhonda Mullins
Assistant
Operations Officer



Catherine Taber
Aviation Program Manager
& Aviation Education



Michelle Bouziden
Grants Administrator and
Executive Assistant
to the Director



Harve Allen
Public Information Officer



Niranjn Desai
Airport Engineer

Meet the Aeronautics Commission Staff

Mission → Ensure that the needs of commerce and communities across the state are met by the state's 110 public airports that comprise the state system.
→ Ensure the viability of the state's aerospace industry.

Vision → Considered a lead government agency for providing support, funding, advocacy and promotion of Oklahoma's airports, and the aviation and aerospace industry.

Av Ed Funding Recipients for FY16

(Continued from previous page)

- **Rose State College** - \$14,000 grant for RSC's Aerospace Flight Camp. The grant provided rocketry; astronomy; and remote control airplane supplies and materials as well as transportation to local museums. Approximately 20 6-8th grade students participated in the two-week camp held in June 2016.
- **Sooner Flight Academy** - \$53,000 grant for student scholarships to attend the flight academy's summer camps and their aviation science in the classroom. More than 1,000 students in grades 1-12 participated in the academy, which was held during summer 2016.
- **Southeastern Oklahoma State University** - \$5,000 grant for SEOSU's "Aviation Science Camp 2016." The grant provided for flight costs, materials, meals and lodging during the camp. Approximately 40 students participated in the two one-week-long camps.
- **STARBASE Oklahoma** - \$30,000 contract for their STEM Enrichment Through Aerospace Education Program. The program serves approximately 4,000 students in grades 4-8. The majority of the contract provided wind tunnels and wing cutters to be used for testing foam airfoils by students as well as other supplies and materials. Students were introduced to engineering through aerospace design projects.
- **Tulsa Air & Space Museum** - \$21,608 grant for an education program to encourage students to pursue careers in the fields of science, technology, engineering, and math (STEM). Their student curriculum is designed to complement Oklahoma state standards, and they do this by relating the subjects they are studying in school to aviation. Flight simulation and STEM make excellent partners.
- **Tulsa Airport Improvement Trust** - \$1,755 grant for their Tulsa International Airport Tour program.
- **Tulsa Community College** - \$11,286 grant for a program hosted by TCC with support from the Tulsa Alliance for Engineering. The two-week TCC Aviation Career Academy "Soaring to Success" was designed to immerse 20 students in the thriving aerospace industry in Oklahoma. The camp engaged underserved students who were unlikely to encounter such experiences in their educational extracurricular activities as they prepared for high school years. Students will have an introduction to aviation history, unmanned aircraft, flight simulators, air traffic control, and other aerospace activities.

Sooner Flight Academy

The Aeronautics Commission's aerospace and aviation education funding supports Gov. Mary Fallin's Oklahoma Works initiative that aims to address the skills gap in the state's workforce by increasing the number of students in the state with workforce credentials or associate degrees. Oklahoma Works brings all of the state's workforce resources together, connecting employers, employees and job-seekers to information and programs that help build Oklahoma's workforce. The largest grant recipient is the University of Oklahoma, Norman, for its Sooner Flight Academy and Aviation Science in the Classroom program. More than \$50,000 will be used to provide scholarships and curriculum. OU aviation officials expect approximately 600 students to participate in the two programs. The Sooner Flight Academy has been one of the Aeronautics Commission's biggest and longest-running recipients for education funding, garnering nearly \$800,000 in grants and contracts since fiscal year 2001. The flight academy has been in existence since 1989 and challenges students 6 through 18 years of age to learn the principles of flight using science and math. In the summer of 2016, they had 341 total campers, which was the largest total in the past six years.



Students of the Sooner Flight Academy in Norman, Oklahoma examine under the wings of an aircraft during flight instruction.



A priority for the Oklahoma Aeronautics Commission is encouraging Oklahoma's young people to pursue careers in the aviation and aerospace industry. This is mostly accomplished through the awarding of aerospace and aviation education grants and contracts to various programs and entities across Oklahoma. During the last ten years, the Aeronautics Commission has awarded more than \$1.4 million in aviation education grants and contracts throughout the state (See chart below). In fiscal year 2016 alone, more than \$200,000 in grants and contracts were awarded to several worthwhile programs designed to expose more students to the wonders of flight and to STEM (science, technology, engineering and mathematics) education. Financial support for these programs is crucial if Oklahoma's aviation and aerospace industry is to continue to flourish. Developing a pipeline of competent, well-trained workers is critical for the industry's continued growth and viability.

Aerospace & Aviation Education Funding Recipients for FY2016

- **AeroSpace America International Airshow, Inc.** - \$25,000 contract for Tinker Air Force Base to provide a program entitled "Star Spangles Salute Air Show". The program would be held in June 2016 at Tinker Air Force Base.
- **For Inspiration and Recognition of Science and Technology (FIRST) Robotics** - \$5,000 contract for the Oklahoma Regional FIRST Robotics Competition held March 2016 at the Cox Convention Center. Approximately 1,000 high school students competed in the event. Students were required to use STEM by way of the Robotics Competition.
- **KISS Institute for Practical Robotics** - \$12,500 contract provided an opportunity for elementary through high school students, grades K-12, to participate in a global educational robotics competition known as the "The Botball and Junior Botball Challenge Robotics Program" in order to engage more Oklahoma students in science, technology, engineering, math and computer programming; to guide Oklahoma students to explore career possibilities in these fields; and to teach Oklahoma students the value of science and math as powerful tools for accomplishing their goals.
- **Metro Technology Center and the FAA Mike Monroney Aeronautical Center** - \$14,288 grant for the Aviation Career Exploration (ACE) Camp. The grant provided materials, supplies and help

with the cost of orientation flights for the camp. Approximately 30 students participated in the two-week ACE Camp, serving students in grades 8 - 9.

- **Newspapers in Education** - \$5,000 contract for educational development of the aerospace industry providing a program for Science, Technology, Engineering and Mathematics (STEM) enrichment for grades 6 through 12 reaching 173,000 students.
- **Oklahoma Foundation for Excellence** - \$5,000 contract for the Aerospace Education and Industry Partnership (AEIP) Day in June 2017. Approximately 100 teachers attend conjunction with the Oklahoma Aerospace and Defense Summit.
- **Oklahoma Engineering Foundation** - \$5,000 contract for the OEF Engineering Fair introduces students to the world of engineering, project management, innovation, and robotics...all fundamental elements of an aviation education. Students are given the opportunity to build, create, innovate, and engineer projects.
- **Ponca City Regional Airport** - \$12,500 contract to assist with the airport's annual Flight Academy held in June 2016. The contract provided scholarships for approximately 40 students to attend. Funding was also applied toward student supplies and materials. The Flight Academy serves students in grades 6-12 within Ponca City.

(Continued on next page)



When state policymakers created the Oklahoma Aeronautics Commission back in 1963, one of the primary responsibilities given the new agency was to promote aviation in Oklahoma. Throughout its 54 years serving the citizens of Oklahoma, the Aeronautics Commission has worked extensively with both public and private partners to promote the aviation and aerospace industry. Through its ongoing relationships with state lawmakers, Oklahoma's congressional delegation, elected officials, business and industry, airport officials and other stakeholders, the Aeronautics Commission continues to help support national and statewide efforts in the growth of aviation.

LEGISLATIVE ACTION

The 2016 session saw several aviation-related bills passed and signed by the governor. One bill that had a direct impact on the Aeronautics Commission was House Bill 2599 when Governor Mary Fallin noted the Oklahoma Aeronautics Commission upon signing the measure in law. HB 2599 prohibits the operation of unmanned aircraft over a critical infrastructure facility if the unmanned aircraft is less than 400 feet above ground level. The measure defines critical infrastructure facilities and exempts the government, law enforcement, the owner of the critical infrastructure facility, and operators authorized by the FAA to conduct operations over that airspace. Any person in violation may be civilly liable for damages to the critical infrastructure, the environment or human health. Governor Fallin directed her Executive Order to be distributed to the Oklahoma Aeronautics Commission who shall cause the provisions of her Order to be implemented.

HB 1041 by Representative Charles Joyner would have modified the Oklahoma Aeronautics Revolving Fund disbursement of aircraft registration fees. Currently, three percent (3%) of the funds collected are deposited into the General Revenue Fund, and ninety-seven percent (97%) are deposited into the Oklahoma Aeronautics Commission Revolving Fund. The measure would have deposited one-hundred percent (100%) of those funds into the revolving fund. The bill did not progress to a committee hearing in the house of origin.

HB 1549 by Representative Earl Sears would change how the owner of a wind energy facility demonstrates financial security. For facilities constructed before January 1, 2016, evidence would still be filed after the

15th year of operation. Facilities constructed after that date must submit their financial security information before construction begins, along with an estimate of the total cost of decommissioning. The financial security must cover 125% of the total cost of decommissioning. The measure also included new setback requirements for wind energy facilities. They would have to be no closer than 1 1/2 miles from any public-use, private-use, or municipal airport, any public school, or any hospital. The bill further required that notice be given to the Corporation Commission and county commissioners when filing with the FAA before construction, within 6 months of filing. The facility owner would also be required to publish notification in local newspapers. Within 60 days of notifying the Corporation Commission, the facility owner would hold a public hearing. No construction could begin until all the notice requirements were met. The bill died in a conference committee.

The PCS to HB 2368 by Representative Casey Murdock would prohibit a person from intentionally or knowingly operating an unmanned aircraft over the private agricultural property of another for malicious purposes which are detrimental to the character or economic interests of the property owner. The measure exempted the governmental entities, persons under contract with a governmental entity, law enforcement, or persons under contract with law enforcement, or persons who have prior written consent of the property owner or lessee of the property. Punishment for violation would have been a misdemeanor or subject to a \$500 fine, up to 1 year in the county jail or both fine and imprisonment.

FAA Part 107 UAS Rules

Part 107 was released during June of 2016 and went into effect in August. Small UAS rules by the Federal Aviation Administration (FAA) were long awaited by aerospace developers and aviation businesses not only in Oklahoma, but across the United States. The regulatory structure diminished obstacles to civil and commercial operations within the national airspace. UAS are not simply remote control novelties that happen to fly. The burden of the FAA now is to make sure operators are aware of the Part 107, Small Unmanned Aircraft Rule. The OAC is promoting education and awareness to UAS pilots and hobbyists. Some aspects of the new Part 107 rule is that the minimum age for a Remote Pilot in Command is now 16-years-old. The maximum flying altitude is 400 feet and the aircraft must weigh less than 55 lbs. Current manned aircraft certificate holders will also have to pass an online test. There is also a daylight-hours-only operation restriction set in place. Oklahoma has already immersed itself in UAS exploration through our universities, clubs, businesses, and military installations. The new FAA small UAS rules will further assist the industry's growth.

ECONOMIC IMPACT STUDY

In the early summer of 2016 at the ceremony marking the opening of the Boeing laboratory in Oklahoma City, Governor Mary Fallin said aviation and aerospace is the second largest industry in our state. In recognition of that, the Oklahoma Aeronautics Commission embarked upon a study that would be the most comprehensive and detailed review ever undertaken of the aviation and aerospace industry in Oklahoma. The study would provide crucial information showing the importance of aviation in our state and the economic impact of the 110 publicly owned airports and the military airports in Oklahoma. Ninety-four percent of our population is within 30 minutes of one of our 43 jet-capable airports. Aviation is one of our top three economic engines and employers. Aviation in Oklahoma provides 120,000 jobs and pays an average salary of \$63,400. Exporting \$400 million, it is the largest exporter in our state and accounts for 6 percent of Oklahoma's economy. Aviation is extensive in Oklahoma. It includes the 110 public airports that comprise the Oklahoma Airport System, the tenants on those airports, Tinker AFB and our other military airports, and off-airport aerospace businesses like Boeing, NORDAM and FlightSafety. I think we all appreciate that our two largest commercial airports, OKC Will Rogers and Tulsa International, are big economic engines. A two-part look at Oklahoma's civilian and military airports, the study will determine the economic impact both have on the state and local economy.



Grayson Ardies, Manager of the OAC Airport Development Division, briefed the Economic Impact Study team on the year-long effort.

The first portion of the study will examine each airport individually to determine its impact, both direct and indirect, on the local and state economies. The second will be to combine these individual airport impacts to determine the economic impact of the state system as a whole. Military aviation by itself is as extensive as many industries. According to a 2010 study by the Oklahoma Department of Commerce, the economic impact of Tinker AFB is \$4.4B. It is the state's largest single site employer, providing 27,000 jobs, and the world's largest military aircraft repair facility. While not having an impact as large as Tinker, Vance AFB in Enid, and Altus AFB are also significant economic drivers. Not to be overlooked are the businesses in Oklahoma that use business aviation and the associated impact of that. Conoco-Phillips, the Chickasaw, Choctaw and Cherokee Nations, Love's, Devon, Walmart, Koch, Quik Trip, and many other businesses that represent the biggest employers in Oklahoma use general aviation and our many general aviation airports such as Bartlesville, Ada, Durant, OKC Wiley Post, Enid and Tulsa Riverside to be more efficient. The study has been at the pinnacle of OAC's list of system planning projects to complete for the last several years. It has been over 20 years (last study conducted in 1994) since OAC has conducted such a study of the state's airport system. As part of this study the individual airports will receive deliverables they can utilize in their community to promote the importance of the airport to both the general public and the community leaders. OAC will receive deliverables on the statewide level that the agency will utilize to show the importance of the airport system and why OAC maintains the capital improvement program providing much needed infrastructure funding to airports. There is also a section of the study that will look at individual segments of aviation industry within Oklahoma and the impacts they have on the state. Some potential areas in this regard are as follows: Agricultural Aviation Operators, Business Aviation Users, Rural Medical Flight Operations and Unmanned Aircraft Systems.

Airport Improvement Projects in FY 2016

(Continued from previous page)

Airport	Description	State	Federal (AIP)	Sponsor
Thomas Municipal	Install Perimeter Fencing		\$222,858	\$24,762
Walters Municipal	Rehabilitate Runway - 16/34		\$346,562	\$38,507
Watonga Regional	Construct Taxiway		\$45,450	\$5,050
West Woodward	Rehab runway 05/23 and 17/35 parallel taxiway system	\$275,779		\$14,516
Wilburton Municipal	Install Miscellaneous NAVAIDS, Rehabilitate Runway - 17/35		\$434,250	\$48,250
Wiley Post	Rehab runway 17L/35R, new runway lights, signs, PAPls& improve drainage	\$138,889	\$3,560,130	\$2,737,011
Will Rogers World	Rehabilitate Taxiway		\$7,100,000	

FY 2016 OAC REVENUES AND EXPENDITURES SUMMARY

REVENUES	EXPENDITURES
Miscellaneous Receipts	Capital Projects
Aviation Fuel Tax	Operating/Administrative
Aircraft Registration	Prior-Year Obligations
Aircraft Excise Tax	TOTAL
Federal Grant Reimbursements	
TOTAL	



NEW GROVE AIRPORT TERMINAL

Grove Regional Airport's new terminal, with a rooftop that looks more like a school house than an airport terminal, holds the ABCs of business aviation – Access, Business and Convenience. Owners of the nearly 80 aircraft based at the airport have access to the terminal building which covers almost 4,400 square feet. The Oklahoma Aeronautics Commission provided a \$500,000 grant to help in the terminal's construction. The city of Grove provided another \$500,000 and also paid for a new road leading up to the terminal as well as the parking areas.

STILLWATER REGIONAL GRANT

Stillwater announced new nonstop flights from Stillwater Regional Airport to Dallas-Ft. Worth International Airport beginning August 23. It will be the first time since 1984 that the city of Stillwater has had scheduled passenger airline service. To help make that happen, the Oklahoma Aeronautics Commission approved a state grant for two stub connecting taxiways near the midway point of the existing runway and parallel taxiway. The project is the first of two phases that will eventually realign a portion of the parallel taxiway to meet current FAA standards.

\$ 4,769,269
\$ 1,131,277
\$ 578,741
\$ 6,479,287

State aviation officials said the parallel taxiway realignment would cost \$3.4 million to complete and should be ready for traffic by late 2018. This first phase of the project cost \$600,000, with the Oklahoma Aeronautics Commission providing \$385,000 of the total cost. The Federal Aviation Administration provided \$185,000 in federal funds, while the city of Stillwater contributed \$30,000 in sponsor matching funds.

5,002 REASONS TO INSPECT RUNWAYS

On a cloudless day in the southeastern Oklahoma, deep in the heart of McCurtain County, two engineers and two airport inspectors stood on a runway looking deep into the grooves of a stretch of 5,002 feet of dense pavement. OAC inspectors concentrate on runways to ensure the pavement is in good condition for the flying public. Federal law addresses preventative maintenance for project applications involving airfield pavements. Oklahoma has 110 publicly-owned airports in its airport system and OAC inspects their runways on a tri-annual cycle.

KINGFISHER OPEN HOUSE

Just a few years ago, it was hard to recognize that Kingfisher had an airport. It was basically just a strip of grass about 2,500 feet in length. Then, a group of airport leaders and aviation enthusiasts started working with local and state officials to construct a paved runway. Their efforts paid off as the airport celebrated the 2,800-foot paved runway. The runway was made possible by a \$400,000 grant from the Aeronautics Commission and a \$527,000 investment by the city. The Commission later provided the city an additional \$84,000 to purchase LED runway lighting equipment, which the city installed.

Airport Capital Improvement Projects for FY2016

Airport	Description	State	Federal (AIP)	Sponsor
Ada Municipal	Rehab runway 17/35, install new lights & improve safety area.	\$99,152	\$1,784,747	\$99,153
Altus/Quartz Mountain Regional	Install Perimeter Fencing		\$259,405	\$28,823
Alva Regional	Extend Taxiway		\$569,281	\$63,253
Anadarko Municipal	upgrading runway lights, lighted wind cone, and beacon	\$285,000		\$15,000
Ardmore Municipal	Rehabilitate Taxiway - Design only		\$300,082	\$33,342
Ardmore Municipal	Rehab runway 17/35.	\$32,575	\$586,346	\$32,575
Atoka Municipal	Improve Runway Safety Area - 18/36, Widen Runway - 18/36		\$59,850	\$6,650
Blackwell-Tonkawa Municipal Airport	Rehabilitate Runway, Rehabilitate Taxiway		\$124,329	\$13,814
Boise City	Rehabilitate Apron, Rehabilitate Taxiway		\$70,200	\$7,800
Buffalo Municipal	Rehabilitate Runway - 17/35		\$573,099	\$63,678
Chickasha Municipal	Rehabilitate Access Road		\$58,590	\$6,510
Claremore Regional	Construct taxi lane and apron hard-stand, and rehab runway centerline pavement.	\$643,530		\$33,870
Claremore Regional	Install taxiway lights, medium lights, PAPls on runway end & REILs on runway 35.	\$60,867	\$1,095,623	\$66,270
Clinton Regional	Install Perimeter Fencing		\$196,104	\$21,789
Clinton Regional	Crack seal, seal coat and remarking main parking apron	\$77,947		\$4,103
Clinton-Sherman	Rehabilitate Runway - 17R/35L		\$450,000	\$50,000
Cushing Municipal	Install Weather Reporting Equipment		\$82,800	\$9,200
David Jay Perry	Construct terminal building	\$210,161		\$210,161
David Jay Perry	Construct Hangar Building		\$553,910	\$61,546
David Jay Perry	constructing new taxilanes for hangar	\$154,000	\$270,716	\$38,185
Davis Field	Rehab runway 04/22	\$46,667	\$840,010	\$46,668
Duncan - Halliburton Field	Runway Lights		\$316,445	\$35,161
Durant Regional	Install Omni Directional Approach Lighting System Runway 17 End	\$288,506		\$15,185
El Reno Regional	Conduct Airport Master Plan Study		\$199,800	\$22,200
Elk City Regional Business	Rehabilitate Taxiway		\$69,255	\$7,695
Eufaula Municipal	Expand Apron		\$249,987	\$27,776
Frederick Regional	Rehabilitate Taxiway		\$436,104	\$48,456
Grove Municipal	Construct Taxiway Bravo & west terminal apron	\$127,796	\$2,300,320	\$128,856
Guthrie-Edmond Regional	Rehab runway & reconstruct taxiway	\$305,026	\$175,000	\$16,054
Guymon Municipal	Rehabilitate Apron, Rehabilitate Runway - 18/36		\$319,576	\$35,508
Hinton Municipal	Construct Apron, Install Runway Lighting - 17/35		\$346,011	\$38,446
Hobart Regional	Rehabilitate Taxiway		\$600,000	\$66,667
Hooker Municipal	Rehabilitate Runway - 17/35		\$117,374	\$13,042
Jones Memorial	Conduct Environmental Study		\$175,626	\$19,514
Ketchum - South Grand Lake	Airport Drainage Project	\$567,496	\$225,000	\$41,710
Lawton-Fort Sill Regional	Construct Aircraft Rescue & Fire Fighting Building, Improve Snow Removal Equipment Building, Install Perimeter Fencing	\$719,924		
Lawton-Fort Sill Regional	Development of an 18-month marketing/advertising campaign	\$40,000	\$195,000	\$15,600
Lindsay Municipal	Install Perimeter Fencing		\$99,618	\$11,069
Madill Municipal	Improve Runway Safety Area - 18/36		\$160,200	\$17,800
Mangum - Scott Field	Improve Airport Miscellaneous Improvements, Rehabilitate Apron, Rehabilitate Runway - 17/35, Rehabilitate Taxiway		\$190,153	\$21,128
Mangum - Scott Field	Pavement rehabilitation & replace rotating beacon	\$34,579	\$190,153	\$22,949
McAlester Regional	Improve Airport Drainage, Rehabilitate Taxiway		\$253,957	\$28,217
Miami Regional	Repair runway lights due to lightning strike	\$4,750		\$250
Mooreland Municipal	Rehabilitate Apron		\$43,200	\$4,800
Okmulgee Regional	Install Runway Vertical/Visual Guidance System - 18/36		\$146,812	\$16,312
Pauls Valley Municipal	Rehabilitate Runway - 17/35		\$150,000	\$16,667
Pauls Valley Municipal	Acquire Snow Removal Equipment		\$79,067	\$8,785
Pryor - Mid America Industrial	Rehab runway 18/36 and a portion of parallel taxiway	\$113,897	\$2,050,157	\$113,898
Purcell Municipal	Construct Taxiway		\$531,906	\$59,101
Richard Lloyd Jones Jr.	Install Airfield Guidance Signs, Rehabilitate Runway - 01L/19R, Rehabilitate Taxiway		\$1,525,545	\$169,505
Robertr S Kerr	Construct Taxiway		\$276,796	\$30,755
Sallisaw Municipal	Construct Taxiway		\$388,055	\$43,117
Sand Springs - William R Pogue Municipal	Install Miscellaneous NAVAIDS		\$380,895	\$42,322
Seminole Municipal	Construct concrete hardstand within main parking apron	\$166,950		\$8,787
Shawnee Regional	Construct Taxiway, Install Apron Flood Lighting, Install Miscellaneous NAVAIDS,			
	Install Weather Reporting Equipment		\$430,734	\$47,859
	Rehabilitate Runway - 18/36		\$131,726	\$14,636
Skiatook Municipal	Install Runway Vertical/Visual Guidance System - 17/35		\$135,398	\$15,044
Stan Stamper Municipal	Construct Taxiway, Improve Airport Drainage		\$300,000	\$33,333
Stillwater Regional	Install Perimeter Fencing		\$300,000	\$33,333
Stillwater Regional	Construct Taxiway	\$107,762	\$831,331	\$49,425

(Continued on next page)

CENTER FOR AEROSPACE SUPPLIER QUALITY WEBINAR

A "Government/DoD Bidding" webinar designed to introduce the basics of finding government solicitations and bidding was hosted by the Center for Aerospace and Defense Supplier Quality (CADSQ) program. The webinar included information on how to find government and/or Department of Defense solicitations that fit business models and explaining how to bid on government/DoD Solicitations.

NATIONAL AEROSPACE WEEK

Communications Director Harve Allen represented the Aeronautics Commission as a featured speaker during an aerospace panel at Tinker Air Force Base as part of the National Aerospace Week celebrations. Allen also served as the event's master of ceremony. The panel, which was put together by the Aeronautics Commission, with assistance from the Greater Oklahoma City Chamber and Tinker Public Affairs, was a media-only event. Other featured speakers included Gary Pence, OKC Chamber; Dave Wagie, Oklahoma Dept. of Commerce; Col. Stephen Wood, 72nd Air Base Wing TAFB; and Scott White, OKC Air Logistics Complex. Several media outlets attended the panel.

OAC COMMISSION APPOINTMENTS AND REAPPOINTMENTS

In August of 2015, Kevin Potter was appointed to the Commission by Gov. Mary Fallin to fulfill the remaining term left by former District 1 Commissioner Rick Armstrong. In June, Jerry Hunter, of Oklahoma City, replaced Tom Stephenson, who passed in April. Hunter is owner of Sundance Airport. Michael Ray, of Guymon, was appointed to represent the 3rd Congressional District. Ray previously served as an at-large commissioner since 2010 and is a private pilot. Joe Harris, of Goldsby, was appointed to fill Ray's unexpired term, which expires December 31. Harris has been a licensed pilot for 43 years. He retired as general manager and CEO of Kay Electric Cooperative in Blackwell. Dave Amis III was appointed to a new term that extends through December 31, 2020. Amis has been on the commission since being appointed by former Gov. Frank Keating in 1997. Amis has been in the aviation industry nearly 30 years.

OAC DIRECTOR BRIEFED FAA & CONGRESSIONAL REPRESENTATIVES

The staffers assembled from Oklahoma's congressional delegation were attentive during presentations from OAC director Vic Bird, FAA officials including Michelle

Coppege, Director of the Mike Monroney Aeronautical Center (MMAC). FAA representatives called the meeting in an effort to provide information about the MMAC and the Southwest Region regarding aviation and aerospace and to discuss current challenges and concerns facing the industry. Kelvin Solco, Regional Administrator from the FAA's Fort Worth office, during his southwest region overview said, "The Oklahoma Aeronautics Commission is like an extension to the FAA as far as we are concerned." This was welcome news to Bird and OAC airports division staff as they often partner with FAA to carry out their mission to ensure the needs of commerce and communities across the state are met by the state's airport system.

OAOA CONFERENCE HELD IN APRIL

The biggest names in Oklahoma aviation met in April at the Postal Training Center in Norman at the Oklahoma Airport Operators Association (OAOA) annual conference. The OAOA meeting, dedicated to advancing aviation in Oklahoma, was called to order with a welcoming prerecorded video message from Gov. Mary Fallin. Oklahoma Aeronautics Commission Director Vic Bird opened the session with a state and federal update. Sessions on airport emergency response, safety management systems and project wildlife management were all part of the two-day conference.



DIRECTOR SPEAKS AT OU BREAKFAST

In June, Director Vic Bird brought his "airvangelism" presentation to the Norman Chamber Aviation/Transportation Committee at the Max Westheimer Airport terminal. Representative Claudia Griffith (pictured centered), House District 45, was in attendance. Walt Strong, the airport manager (pictured left), hosted the event. Bird has given hundreds of speeches on the importance of aviation and aerospace and the roll the industry plays in the state.



AIRPORT DEVELOPMENT

Oklahoma has 110 public airports as part of the state's System of Airports, placing it in the top 10 in the nation for the number of publicly owned airports per capita. In order to maintain these airports, the state partners with the federal government to provide grant funding to local communities for capital infrastructure projects at their local airports. Through a Three-Year Capital Improvement Program (CIP) the Oklahoma Aeronautics Commission (OAC) channels Federal Aviation Administration (FAA), OAC, and local funding to airports throughout the State System.

The Commission receives no state appropriations but relies on a combination of excise taxes from aircraft sales, aircraft registration fees and aviation fuel taxes to fund the agency throughout the fiscal year. These three sources provide a majority of the funding the Commission awards to airports through its CIP.

During fiscal year 2016, the Commission awarded \$3,781,329 in CIP grants to several Oklahoma airports. On page 8 is a complete list of those airports along with airports that received federal funding through the FAA's Airport Improvement Program. The Aeronautics Commission's CIP provides funding to Oklahoma airports for various capital infrastructure needs, such as runway maintenance and construction; installation of navigational aids; land purchases; installation and repair of airfield lights and signage; safety improvements; and terminal building construction. The CIP is the programming document for state and federal funds on airport development that works toward the goals of the Oklahoma Airport System Plan, a long-term view of the network of airports needed to adequately serve the state. The CIP allows the FAA, Aeronautics Commission and airport sponsors to anticipate funding and accommodate changes in project scope, cost and schedule, based on multi-year planning.



State System of Airports by the Numbers

- Oklahoma's State System of Airports
- Regional Airports
- Community & District Airports

110 - Number of publicly owned airports in Oklahoma

49 - Number of regional business airports

43 - Number of regional business airports that have jet-capable runways (5,000 feet or greater)

97 - Percentage of Oklahoma's population that is within 25 miles of one of the state's 49 regional business airports

94 - Percentage of Oklahoma's population that lives within 25 miles of an airport with a jet-capable runway

83 - Percentage of annual revenues the Oklahoma Aeronautics Commission expends on airport infrastructure improvements

\$4M - Average amount of state funding the Oklahoma Aeronautics Commission expends annually on airport infrastructure improvements

\$40M - Average amount of federal funds that Oklahoma's airport system receives annually for airport infrastructure improvements

Capital Improvement Program Grants

Several cities across the state made some much-needed improvements to their local airports in FY 2016, thanks to various state grants the Oklahoma Aeronautics Commission awarded through its Capital Improvement Program. Airport sponsors, which are typically the municipalities where the airports are located, are required to contribute local matches toward their airport projects. The amount of the local matches currently range from 10 percent for federal funds to 5 percent for state funds. Effective in FY 2010, the Aeronautics Commission began awarding CIP grants to local municipalities for terminal construction or renovation. The grant awards for new terminals are for a maximum of \$500,000, and sponsors would be responsible for 50 percent in matching funds.

FY 2016 CIP Grant Recipients:

- Ada Municipal - \$99,152 to rehabilitate runway 17/35 pavement, install new lights, and improve safety area.
- Anadarko Municipal Airport - \$285,000 to upgrade runway lights, lighted wind cone, and beacon.
- Ardmore Municipal Airport - \$32,575 to rehabilitate runway 17/35 pavement.
- Claremore Regional Airport - \$643,530 to construct new taxiways and an apron hard-stand.
- Claremore Regional Airport - \$60,867 to install new runway and taxiway lights and navigational aids.
- Clinton Regional Airport - \$77,947 to rehabilitate and remark the main parking apron.
- David Jay Perry Airport (Goldsby) - \$210,161 to construct a terminal building.
- David Jay Perry Airport (Goldsby) - \$154,000 to construct new taxiways.
- Davis Field (Muskogee) - \$46,667 to rehabilitate runway 04/22 pavement.
- Durant Regional Airport - \$288,506 to install an Approach Lighting System on Runway 17.
- Grove Municipal Airport - \$127,796 to construct new taxiway and west terminal apron.
- Guthrie-Edmond Regional Airport - \$305,026 to rehabilitate the runway and taxiway pavement.
- South Grand Lake Airport (Ketchum) - \$567,496 improve airport drainage.
- Lawton-Fort Sill Regional Airport - \$40,000 to develop an 18-month air service marketing



and advertising campaign.

- Scott Field (Mangum) - \$34,579 to rehabilitate airport pavement and replace the rotating beacon.
- Miami Regional Airport - \$4,750 to repair runway lights damaged by a lightning strike.
- Mid America Industrial Airport (Pryor) - \$113,897 to rehabilitate runway 18/36 pavement.
- Seminole Municipal Airport - \$166,950 to construct an apron hard-stand.
- Stillwater Regional Airport - \$107,762 to construct new connector taxiways.
- West Woodward Airport - \$275,779 to rehabilitate runway 05/23 and runway 17/35 parallel taxiway pavements.
- Wiley Post Airport (OKC) - \$138,889 to rehabilitate runway 17L/35R pavement and install new runway lights and signs.