



**Ohio Aerospace and Aviation Technology Committee**  
**February 24<sup>th</sup>, 2016 – Approved**  
*Statehouse Room 017*

Chairman Perales called the meeting of the Ohio Aerospace and Aviation Technology Committee (OAATC) to order at 10:04 AM.

- The roll was called. A quorum was present.
- Chairman Perales asked members to review the minutes from the previous meeting. With no objections the minutes were approved.
- Chairman Perales noted that committee days are very busy. He reiterated that legislators must come and go to attend other sessions.
- Chairman Perales also thanked committee members and the audience for volunteering their time.
- Chairman Perales called upon legislative aid, Andy Swaim, to provide pertinent legislative updates to the committee. Go through committee members and audience to introduce themselves
  - Mr. Swaim noted that 2 bills that have changed status since 12/9.
    - Mr. Swaim brought to everyone's attention House Bill 386, a bill to add the Wright Flyer to the State Seal.
    - He noted that the bill got voted out of committee, which is farther than any previous attempts to add the Wright Flyer to the State Seal has gone.
    - Mr. Swaim also brought to everyone's attention Senate Bill 251, which would regulate the use of drones in gathering evidence by law enforcement.
- Chairman Perales emphasized that one of the committee's next steps is to request funding, which will be outlined in the upcoming annual report.
- Chairman Perales then stated that Bryan Wynne, the president and CEO of the Association for Unmanned Vehicle Systems International (AUVSI), has been invited to speak in Columbus and asked members of the audience to join.
- Chairman Perales then brought up member appointment.
  - He noted that a legislative member would first need to be appointed (to fill in Senator Widener's position).
  - Chairman Perales then stated that once that position was filled, the opening for a committee member could then be filled.
- Chairman Perales invited Representative Boggs and Representative Baker to take pictures with the OSU flight team who recently won an award for the most outstanding collegiate aviation program.

- Representative Boggs and Chairman Perales congratulated the Ohio State University Flight Team for their championship trophy. Representative Boggs commended the Flight Team for their excellent work and representation of our state and the Ohio State University.
- Once pictures were taken, faculty advisor Seth Young, who is also director of aviation studies at the Ohio State University, congratulated the flight team for their excellence.
- Chairman Perales once again congratulated the Ohio State flight team and then invited Glenn Richardson from JobsOhio to testify.
  - Mr. Richardson thanked the members of OAATC and Chairman Perales for allowing him to providing him the time to update the committee.
  - Mr. Richardson then announced that Tim Sweeney has joined JobsOhio as Sector Director of Aerospace & Advanced Manufacturing. He mentioned that Mr. Sweeney is a great addition to the team due his networking and his input regarding the aerospace industry.
  - Mr. Richardson stated their aerospace sector is built on a platform of technology. Specifically through lightweight materials, additive manufacturing, and sensors/autonomy.
- Chairman Perales thanked Mr. Richardson for his testimony and asked if anyone had any questions. There were none.
- Chairman Perales invited Superintendent Dave Deskins to testify on behalf of Greene County Career Center.
  - Mr. Deskins thanked Chairman Perales for allowing him to present his organization's initiatives.
  - Mr. Deskins presented to the committee his organizations' Take Flight initiative.
    - The initiative encompasses the overall need to fill positions in the aerospace sector with students involved in STEM programs.
    - Mr. Deskins stated that the GCCC worked with The Greentree Group to conduct an in-depth analysis on potential workforce needs and solutions.
    - Mr. Deskins concluded that the Take Flight initiative is the initial design of a unique, world-class GCCC transformation to better serve the workforce needs of the Dayton region. He also noted that this initiative has the potential to expand to the entire state and possibly even the country.
  - Mr. Deskins then invited Chris Jones from The GreenTree Group to elaborate.
    - Mr. Jones emphasized that their organization is aiming to find a solution to find students work in the aerospace sector through two different pathways.
      - The first pathway would be to ready students for post-secondary education with local college and university courseware.
      - The second pathway would prepare students to fill local job needs with realistic training environments and college credit.
    - Mr. Jones reiterated the notion that they could introduce students at the as early as the 9<sup>th</sup> grade level to STEM concepts.
    - He emphasized that their program would induce students to be more attracted to STEM programs by enabling them to be directly incorporated into the aerospace, manufacturing, and IT sectors.
    - He also stated that their program would directly target workforce needs.
  - Mr. Deskins concluded his testimony by thanking the committee and reiterating their passion for increasing exposure through the mentioned avenues.

- Chairman Perales thanked Mr. Jones and Mr. Deskins for their time and their update. He also stated his appreciation for their scope to one day incorporate all of Ohio, not just Greene County.
- Dr. Paul Orkwis stated that it's a great idea and that the University of Cincinnati would love to one day partake in the opportunity.
- Susan Louscher from the University of Akron stated that she is also excited about the vision. She stated that her work group has had discourse about career centers and providing similar opportunities, especially through regional hubs.
- Ms. Louscher also noted that they are trying to figure out how to tap into FAA requirements for the job positions so that students could be aligned with FAA standards when entering the workforce.
- Mr. Richardson stated that JobsOhio has been working the FAA in getting adequate licensure and complete testing to comply with the industry standards that Ms. Louscher mentioned.
- Vincent Russo mentioned that education is only half the problem. He emphasized that "soft skills" would need to be incorporated into the program so that students would have not only the education, but the proper etiquette and demeanor for the workplace.
- Mr. Deskins agreed that students should be aware of soft skills in the workplace; he noted that it is an important incorporation that his organization takes into account.
- Dave Williams stated that they would love to help Mr. Deskins with this effort at the Ohio State University.
- Mr. Deskins noted that collaboration is key in order to make a comprehensive, aligned program.
- Mike Heil added that Northeast Ohio is a large manufacturing contributor and that his organization would be interested in supporting this endeavor as well.
- Mr. Deskins thanked Chairman Perales and the committee for their input.
- Chairman Perales then invited Carlos Grodsinsky with OAAC asked to testify.
  - Mr. Grodsinsky began his testimony with OAAC's overall project identification, which encompassed the need to align and identify possible teaming and partnership arrangements to support accelerated/proactive engagement of Ohio aerospace industry firms.
  - Mr. Grodsinsky then highlighted the importance of industry recruitment; two new industry participants had been added to represent Dayton and NEO service organizations (Ball Aerospace and Peerless).
  - He also mentioned the need for state integrated alignment, stating that they have formal representation on OFRN and OAATC.
  - Mr. Grodsinsky went on to mention their key initiatives for 2016.
    - The first main initiative is to strengthen and support Ohio executive oversight and legislative advocacy (through OAATC, JobsOhio, and OFMJC).
    - The next initiative is to continually pursue attracting new companies and opportunities.
    - The third initiative that was mentioned is to facilitate industry alignment and support of Ohio federal research networks to achieve long term competitiveness in aerospace technology areas.
    - The final initiative is to develop programs and alignment to increase federal expenditures in focus areas and drive federal aerospace asset use.
  - Mr. Grodsinsky concluded his presentation with the key project areas that OAAC is focusing on for 2016.

- The first focus area is related to NextGen through an airspace navigation system that would be developed with the FAA and partner airports.
    - The next focus area would be in regards to Unmanned Aerial Systems (UAS) in an effort to develop short, mid and long term goals and objectives of Ohio's UAS industry.
    - The final project area relates to "Space Internet Small Satellite Supply Chain," which would ultimately identify supplier contracts and develop/pursue OEM site locations.
  - Mr. Grodsinsky then asked the committee if they had any questions upon concluding his testimony. There were none.
- Chairman Perales thanked Mr. Grodsinsky for his testimony.
- Chairman Perales then asked Mike Heil to testify on behalf of OAI.
  - Mr. Heil began his testimony by outlining the overall mission for OAI, which is to enhance their partners' aerospace competitiveness through research and technology development, workforce preparedness, and engagement with global networks for innovation and advocacy.
  - Mr. Heil then went on to describe OAI's economic impact on Ohio.
    - Mr. Heil noted that OAI's employment impact was approximately 1,702 jobs.
    - He also noted that their output (total value of goods and services) was approximately \$232.3 million.
    - OAI's activities also generated, on average, 95 jobs per year and \$12.9 million in output each year.
  - Mr. Heil went on by outlining OAI's engagement with the aerospace community in Ohio, stating their associate membership to Aerospace States Association (ASA) and the Aerospace Industries Association (AIA), as well as their corporate membership with the American Institute of Aeronautics and Astronautics (AIAA).
  - Mr. Heil concluded his testimony by outlining OAI's upcoming events, which are the AIAA Congressional Visit Day (March, 17<sup>th</sup>), the AIA Spring Supplier Management Council (March 15<sup>th</sup> – 17<sup>th</sup>), and the ASA Annual Meeting at Oshkosh, Wisconsin (July 25<sup>th</sup> – 26<sup>th</sup>).
- Chairman Perales thanked Mr. Heil for his testimony then went on to ask the working groups to provide updates.
- Ms. Louscher started the work group updates on behalf of the Outreach & Branding work group.
  - The first recommendation Ms. Louscher outlined was the objective of facilitating an OAATC working group meeting to clearly define and document the committee's goals as well as identifying an initial target audience for each goal.
  - Ms. Louscher then went on to identify other objectives pertaining to the 1<sup>st</sup> recommendation, which are to begin cataloging positive messages as well as identifying specific projects for action.
  - The 2<sup>nd</sup> recommendation that Ms. Louscher brought to the committee's attention was to create a full time position of an OAATC Director of Marketing.
  - Ms. Louscher then outlined the actions that her work group has taken since the last committee meeting, which were to outline a possible marketing campaign for putting the Wright Flyer on the Ohio State Seal, establishing an Ohio Aviation Hall of Fame, and attracting aerospace companies to Ohio.
- Dr. Vince Russo went on to give a status report for his work group, the Workforce Development Group.

- Dr. Russo mentioned that there were three major recommendations being finalized and that future activities will depend on the success of implementing those recommendations.
  - The first recommendation would be to create an Ohio Aerospace and Aviation business Round Table.
  - The second recommendation is to develop and implement “targeted” workforce development activities among Aerospace and Aviation industries and their nearby community colleges and high schools.
  - The final recommendation is to develop a relationship between the state and Project Lead the Way that would lead to increasing interest in STEM careers related to Aerospace and Aviation.
- Dr. Paul Orkwis then testified for the Technology Development work group.
  - Dr. Orkwis began by outlining the work group’s goals for the first half of 2016 which are to:
    - Start the Ohio “Virtual” Research Collaborative.
    - Reach out to FMJC and industry to identify areas that would benefit from the mentioned collaborative.
    - Coordinate an academic discussion of barriers to collaboration, possibly through the Ohio State Engineering Dean’s Council.
    - Effectively communicate with other working groups regarding joint areas of interest.
- Ron Shroder then testified on behalf of the Industry Support work group.
  - Mr. Shroder began by outlining the progress of his work group.
    - The work group is continually working to advance the Aviation Tax Exemption initiative.
    - The work group has also continuously been discussion with Aviation product manufacturers to see how they can help foster growth in the state.
  - Mr. Shroder then went on to describe the Industry Support work group’s concerns.
    - The 1<sup>st</sup> concern is the pending FAA Reauthorization bill and the 2<sup>nd</sup> concern is the Sales Tax Exemption hearing. Mr. Shroder states the members of the OAATC should be acquainted with these concerns for further possible implications.
  - Mr. Shroder concluded his update by stating his work group’s next steps, which are to:
    - Continue to work on Sales Tax initiatives.
    - Continue to work with aviation manufacturers.
    - Continue to work on Small Business Innovation Research (SBIR) opportunities for the aviation industry in the state.
- Jay Jabour concluded the work group updates by testifying on behalf of the Installations Support work group.
  - Mr. Jabour stated that his work group identified three priorities, which are to:
    - Identify recommendations on how to coordinate local and regional efforts that are focused on supporting Active/Guard/Reserve/Research installations in upcoming or potential force structure actions
    - Identify economic or regulatory recommendations for the committee that would enhance Ohio businesses and suppliers to

State and Federal Installations to better posture those installations during force structure evaluations

- Identify specific workforce related initiatives that Federal installations could benefit from and recommend to the committee how to implement them
  - Mr. Jabour also noted that his work group reviewed the Ohio Federal Military Jobs Commission report and stated that there was a unanimous consensus in regards to supporting an Executive Director position.
- Chairman Perales thanked all the work groups for their updates.
- He also reiterated the necessity that the work groups do not overlap their recommendations since everyone is volunteering their time.
- Chairman Perales then went on to ask Bob Tanner if he could elaborate on the FAA Reauthorization bill.
- Mr. Tanner stated that the bill aims to drive the industry, however, what's different about this bill is that it aims to privatize air traffic control by taking control away from the FAA and into the control of an 11 member board.
- Chairman Perales thanked Mr. Tanner for his elaboration and opened up the floor for members to comment or provide questions. There were none.
- Chairman Perales thanked the members and the audience for their time, energy, and efforts. He then invited the audience to network and talk once the meeting was adjourned.
- Chairman Perales adjourned the meeting at 12:03 pm.