



Ohio Aerospace and Aviation Technology Committee

April 8, 2015 – Minutes

Statehouse Room 122

Chairman Perales called the meeting of the Ohio Aerospace and Aviation Technology Committee (OAATC) to order at 10:10 AM on April 8, 2015.

- The roll was called. No quorum was present.
- Chairman Perales announced that minutes for both this meeting and the February 18th meeting will be approved at the April 22nd meeting.
- Chairman Perales indicated that the OAATC would vote on the replacement for Terry Slaybaugh at the April 22nd meeting.
- Chairman Perales announced that the next meeting will be held on April 22nd.
- Chairman Perales gave an update of all current legislation regarding the Aerospace and Aviation industry.
 - House Bill 32-Aircraft Fuel-Taxation of
 - The bill has been introduced and referred to the House Ways and Means Committee.
 - House Bill 49-Commercial Airline and Air Freight Commission-create
 - The bill has been introduced and referred to the House Transportation and Infrastructure Committee.
 - House Concurrent Resolution 8-To repudiate the claim by the State of Connecticut that Gustave Whitehead successfully flew a powered, heavier air machine of his own design on August 14, 1901, or on any other date.
 - The bill has been introduced and referred to the House Transportation and Infrastructure Committee. Sponsor testimony and proponent testimony have occurred and a vote is expected in the near future.
 - Chairman Perales recognized Amanda Wight Lane for her excellent support and testimony for the resolution.
 - For further information on this legislation you can visit <http://www.ohiohouse.gov/legislation/legislative-tools>

- Chairman Perales explained that meetings will occur monthly and meetings will be set and posted on the website.
- Chairman Perales encouraged the use and review of the website by all members of the committee as well as all interested parties. The website will be used for, but not limited to:
 - Committee Members and Professional Information
 - Pertinent Legislation
 - Schedule
 - Minutes
 - Relevant News Items
 - Other Items of Interest to the Committee and Interested Parties
- Chairman Perales introduced Dennis Andersh and Marty Kress as the facilitators for the meeting's work session.
 - Facilitators Mr. Andersh and Mr. Kress summarized their backgrounds.
- Facilitators presented the vision for high end federal jobs with a focus on key requirements at Wright Patterson Air Force Base (WPAFB) and NASA Glenn Research Center (GRC).
- Chairman Perales opened up discussion on the committee's Operating Guidelines and Strategic Initiatives.
 - Operating Guidelines
 - Mr. Kress emphasized the importance of meeting the current duties expressed in the enabling legislation (HB 292)
 - Mr. Kress expressed the importance of creating measurable and actionable initiatives
 - Mr. Kress brought up industry mapping, and the importance of uniting industry leaders, educational organizations, research organizations, state government agencies and national laboratories
 - Dr. Russo added that Battelle had done a similar mapping project 15 years ago.
 - Mrs. Louscher offered to share data which she has access in order to help the industry mapping effort. She also expressed sentiment that data is available, however resources to analyze said data is scarce.
 - Mr. Kress noted the importance of open lines of communications within the industry
 - Mr. Conley (substituting for Mr. Rolf) noted that Ohio is a supplier of many key systems and that any mapping effort should include downstream information for those suppliers.
 - Mr. Orkwis commented that in addition to a mapping effort we should talk about new ideas, not just existing systems and suggests adding some verbiage to express that need in the guidelines.
 - Mr. Shroder posed the question of where does Ohio rank in SBIR awards? He then expressed the need to advertise that answer. He then explained the need for commercial technologies, and the role of political forces in supporting small businesses to reach Phase III.

- Mr. Kress explained his familiarity with the SBIRs program and the difficulties surrounding the transition to Phase III.
- Chairman Perales asked that the committee discussion return to the discussion of the Operating Guidelines, and table the current discussion until the Strategic Initiatives portion of the work session.
- Mr. Jabour expressed a need for retraining skilled workforce to be added to the bullet point on uniting industry parties.
- Mr. Kress added that the younger generations are generally not looking for manufacturing jobs, and expressed a need to create a culture of making manufacturing 'cool'.
- Chairman Perales explained that while the OAATC and the Federal Military Jobs Commission (FMJC) are closely linked, they are separate entities. While the FMJC is related to only federal job issues, the OAATC is related to Aerospace and aviation regardless of private or public.
- Strategic Initiatives
 - Chairman Perales opened up discussion on bullet points 1 and 2 (Making aerospace and aviation (A&A) a higher state priority, and Increase recognition for the Ohio aerospace and aviation brand, respectively)
 - Mr. Kress expressed that the first two bullets are interconnected and opens up discussion on making A&A a higher state priority and increasing recognition of Ohio's A&A "brand".
 - Dr. Leland adds that Ohio has a stigma of not being a major player
 - Chairman Perales added that Ohio is lacking a significant physical presence at major A&A events in the country and worldwide.
 - Mr. Schroder adds that Ohio is 6th in the country in SBIR awards and suggests the Ohio may be number 1 in country in aviation related grants. He emphasizes the need to advertise this in an effort to improve the Ohio A&A "brand".
 - Mr. Andersh adds that Ohio is 7th in A&A research at the university level.
 - Chairman Perales moves on to the 3rd bullet point (Propose and support legislation at the state level that promotes aerospace and aviation technology development, jobs, manufacturing, services, research, education, and training). The Chair explained the importance that as a state we improve our legislation including borrowing from other states
 - Senator Beagle adds that they are always open to ideas from the experts in the industry.
 - Mr. Orkwis adds that we may need to change verbiage on the 5th bullet point, as not to offend large aviation entities such as GE.
 - Mr. Kress explained that the intent would be to allow small to medium sized firms cooperative options with universities that would otherwise not have access to those resources.

- Chairman Perales moved on to 4th bullet point (Position Ohio as the lead for new emerging technologies associated with aerospace and aviation)
 - The facilitators discussed some of the emerging technologies in the works (i.e. autonomous vehicles and household systems, and remodeling of air traffic control system)
 - Chairman Perales asked specifically where Ohio should focus efforts for UAS systems.
 - Mr. Kress expressed a need to pick a project and run with it.
 - Senator Beagle asked if universities have the capability to turn this endeavor around quickly.
 - Mr. Kress expressed a need for a cooperative effort where industry professionals could lead projects and set deliverable and measurable goals.
- Chairman Perales moved on to the 5th bullet point (Increase support for small and medium-sized aerospace and aviation firms).
 - Senator Beagle asked the facilitators for a vision of how to increase support to these small and medium-sized firms?
 - Mr. Kress and Mr. Andersh explain the opportunities for cooperation where university underutilized assets could be utilized by small firms in a collaborative way.
 - Mrs. Louscher expressed the difficulty in getting funding because of restrictive eligibility requirements.
 - Dr. Leland agreed and seconded this concern.
 - Senator Beagle asked what entities are causing these restrictions.
 - Dr. Leland explained that it was both rule makers and legislators.
 - Mr. Conley suggested that it was 80% rule making and 20% legislative.
 - Dr. Leland agreed.
 - The facilitators explained that expanding eligibilities to programs like Procurement Technical Assistance Centers (PTAC) could reduce time cost to small businesses. They added that a portal similar to the Defense Initiative Marketplace as value, but needs to be properly advertised to create awareness of the system.
- Chairman Perales moved on to the 7th bullet point (Propose and support education policy changes at both K-12 and postsecondary levels to produce an educated workforce that can support a robust aerospace and aviation sector).
 - Senator Beagle expects substantial subcommittee work in this area
 - Mr. Kress explained the need for both internships and hand-on learning (i.e. FIRST robotics program)
- Chairman Perales moved on to the 8th bullet point (Increase aerospace and aviation manufacturing).

- Mr. Andersh expressed the need for a system that makes entities aware of local manufactures that have the necessary capabilities
- Chairman Perales emphasized that we have all the pieces and posed the question of how to make use of the manufacturer's and suppliers.
- Mr. Jabour explained that when firms are looking for a supplier they want to meet two criteria:
 - Are they a trusted supplier?
 - What political benefits do we get?
- Mr. Kress drew a comparison to how this is done in Alabama.
- Senator Beagle asked how does a small business get their foot in the door as a supplier.
- Dr. Leland referenced an initiative to identify 'certified' suppliers (certified suppliers have to meet standards on equipment and capacity), and expresses the need to identify these suppliers and suppliers that are 'nearly certified'.
- Dr. Leland said that this initiative may be able to speak with committee on this topic as early as May or June.
- Mr. Conley added that workforce issues are the primary limiting factor in the manufacturing side.
- Mr. Jabour reiterated that political support is the basis for many subcontracting opportunities.
- Mrs. Louscher suggested generating a table of all state delegates and providing them with how many aerospace jobs are in their district
- Chairman Perales moved on to the 10th bullet point (Other aerospace and aviation initiatives as determined by the committee).
 - Mr. Russo asked about Base Realignment and Closure (BRAC) and obtaining an updated report.
 - Chairman Perales indicated that we will have a separate presentation of the FMJC findings, with key emphasis on how the OAATC can complement and fill in the gaps.
 - Mrs. Louscher suggested developing thrust areas that would perhaps lead to subcommittees and suggested the following
 - Outreach and Advocacy
 - Market Development
 - Workforce Development
 - Technology Development and Transition
 - Mr. Shroder agreed about the need for further organizational structures.
 - Mr. Williams expressed a need to develop priorities for the strategic initiatives.
 - Mr. Kress suggested that after a comprehensive list be made that the committee pick several areas that will validate the usefulness of the

committee and demonstrate the fulfillment of the enabling legislation.

- Mr. Brown (audience) Ohio Transportation Research Center is a similar organization that would be useful to look at and perhaps learn something from.
- Mr. Gessel (audience) wanted to clarify that bullet points 1 and 2 are different in the following way:
 - Bullet 1 (Making aerospace and aviation a higher state priority) would increase ongoing support within Ohio (internal communication).
 - Bullet 2 (Increase recognition for the Ohio aerospace and aviation brand) would increase outgoing communication with the global industry (external communication, branding).
- Chairman Perales thanked members of the committee as well as the attendees.
- Chairman Perales adjourned the OAATC meeting at 12:04pm.