

THE OHIO AEROSPACE AND AVIATION TECHNOLOGY COMMITTEE



STATE REPRESENTATIVE RICK PERALES
73RD DISTRICT



OHIO AEROSPACE AND AVIATION TECHNOLOGY COMMITTEE

➤ **Ohio's Aerospace and Aviation Industry**

- \$9 billion annual investment into Aerospace and Aviation R&D
- 17% of total Aerospace and Aviation employment in U.S.
- Employs more than 100,000 full time workers
- More than \$5 billion in exports – Top 10 in the nation
- \$14 billion supplier to Boeing and Airbus

But there are missed opportunities...
and additional opportunities...



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➤ **Current Problems in State**

- Lack of communication, collaboration, and knowledge
- Missed opportunities due to multiple unorganized and uncoordinated strategies (i.e. federal retention efforts, UAS testing, cyber security, etc.)
- Lack of State leadership/buy-in



OHIO AEROSPACE AND AVIATION TECHNOLOGY COMMITTEE

➤ **Vision – “Connecting the Dots”**

- Bringing together Ohio industry, academic and military experts to develop a statewide, singular Aerospace and Aviation strategy
- Creating a partnership between the Aerospace and Aviation community and state government to present a unified vision
- Supportive collaborations with Ohio’s federal delegates and their efforts in Washington DC



OHIO AEROSPACE AND AVIATION TECHNOLOGY COMMITTEE

- **Vision – “Connecting the Dots”**
 - Encouraging resource-sharing, networking, cooperation and collaboration among all of Ohio’s Aerospace and Aviation actors
 - Offering a forum to consider Aerospace and Aviation ideas, concepts, problems, etc.



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- **Two reasons our new committee needs to be fully engaged with Ohio UAS**
 - The UAS industry sector is poised for exponential growth in our state and nation
 - Ohio has a robust and growing UAS infrastructure that must be supported and advanced



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➤ Ohio's opportunity for economic benefit from UAS

- \$13B national economic impact in the first three years after integration into the National Air Space
 - 100,000 new jobs created nationally by 2025
- \$359M Ohio economic impact in the first three years after integration into the National Air Space along with \$2.4M in new tax revenues
 - 1,844 new high-paying jobs (on present trajectory)
- \$2.6B economic impact along with 2,725 new Ohio jobs in the first ten years after integration (on present trajectory)

** All figures projected from present industry trajectory from AUVSI, 2013 Economic Impact Report*



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- **Ohio's robust and growing UAS infrastructure that needs support**
 - State government advocacy, leadership and support (OH/IN UAS Center and Test Complex; Ohio Third Frontier funding possibilities; early adopters among state agencies—ODOT, ODRC, etc.)
 - Many innovative private sector companies and start-ups
 - Active research institutions (AFRL & partners; NASA Glenn & partners; Battelle Memorial Institute; GE Aviation Research Center, various university research institutes and centers)
 - Training through academic and work force development opportunities (associate, undergraduate, graduate, doctoral and work force development programs)





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➤ Image credits (clockwise from upper left):

- Sinclair Community College, Dayton
- Wright State Research Institute/AFRL, Dayton
- Ohio University, Athens
- Trident Aerial Recon, Dublin
- The Ohio State University, Columbus
- Dronewerx, Elyria
- SelectTech Geospatial, Springfield
- 3D Aerial, Dayton
- Ohio/Indiana UAS Center (ODOT), Springfield (center)



OHIO AEROSPACE AND AVIATION TECHNOLOGY COMMITTEE

➤ Committee Make-up (21 Members)

- Six Legislators – 3 Senators, 3 Representatives
- One member appointed by the Governor
 - Representative from Jobs Ohio
- Fourteen members of the public from *across the state* – industry leaders, military/federal representatives, and academic experts;
 - Diverse Aerospace and Aviation expertise, experiences and focus
- Representation from NASA Glenn and AFRL



OHIO AEROSPACE AND AVIATION TECHNOLOGY COMMITTEE

➤ **Committee Responsibilities**

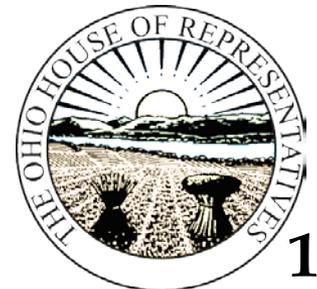
- Study and develop strategies to promote the Aerospace and Aviation industry throughout the state
- Identify and engage opportunities
- Encourage resource-sharing, communication among the different entities within the Aerospace and Aviation field
- Promote Aerospace and Aviation R&D
- Provide federal retention assistance (formerly BRAC)



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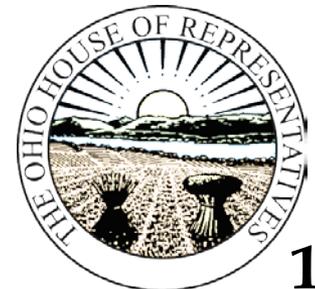
➤ **HB292 Status**

- Bill signed by Governor Kasich June 2014; becomes law mid-Sept 2014
- General Assembly members assigned Sept 2014
- 14 'Experts' appointed fall 2014
 - Intent to apply on website; applications formally accepted mid-September 2014
- Committee activated/meetings begin Jan 2015



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- **Overview of Federal Military Jobs Commission (FMJC)**
 - HB 483 under Senator Widener
 - Goal: Provide state leadership with *federal retention* efforts to ensure Ohio remains at the top of the list for federal projects, contracts and grants
 - Members of FMJC composed of nine non-elected officials appointed by Governor, President of Senate and Speaker of House
 - Complimentary efforts



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➤ Committee Website

- www.AerospaceandAviation.ohio.gov
- Features will include:
 - Online applications for potential prospective members
 - Public suggestion tool
 - Important news and updates
- Email information@AerospaceandAviation.ohio.gov to add your name to distribution list

