



## **2018 - 2019 Ohio Aerospace, Aviation, and Defense Employment, Education, and Economics Priorities**

Through a framework of alignment, coordination and opportunity identification the industry led Ohio Aerospace and Aviation Council and the legislative Ohio Aerospace and Aviation Technology Committee endorse the following 2018-2019 priorities to achieve a common vision and mission.

**Vision:** Ohio – America’s Leader in Global Aviation and Aerospace

**Mission:** Create opportunities in Ohio for economic growth, jobs, education, and to shape and grow the future of the Aviation and Aerospace Industries

We suggest further alignment and coordination of Ohio’s aerospace and aviation stakeholders directly with the Governor’s staff to more closely align and coordinate JobsOhio, ODOT, ODSA and other statewide initiatives that drive the aerospace and aviation agenda of the state. Each identified priority includes workforce development and education components identifying transformational opportunities to re-train current skilled labor and prepare Ohioans to meet the needs of the aerospace and aviation sector.

### **Aerospace and Aviation Top Three Priorities**

1. Support the industry development of National Air Space integration with Ohio Unmanned Aircraft Systems (UAS) and Personal Air Vehicles (PAV) through coordinated NextGen aviation policy and UAS/PAV regulatory positions providing pre-emptive laws and coordinated programs across the state to focus academic and workforce programs and to capitalize on unique assets within the State driving industry growth (for further detail see Appendix 1).
2. Expand Ohio’s aerospace supply network by supporting the expansion of Ohio’s maintenance, repair, and overhaul (MRO) industry and support an MRO Center of Excellence to drive this expansion (for further detail, see Appendix 2).
3. Leverage Ohio’s dominant position in advanced materials R&D for direct application to hypersonics and next generation advanced manufacturing and aerospace use.

Additional highly critical priorities listed below in Appendix 3.

### **ONE OHIO**

The overarching goal of the OAAC and the OAATC is to retain and expand the 100,000 direct jobs associated with Ohio’s aerospace, aviation, and defense sectors. In developing its strategy, the OAAC/OAATC benchmarked Ohio’s advocacy efforts at the federal and state levels, as compared to similar efforts by other states. It was found that Ohio’s advocacy in support of these sectors is often conducted by regional partnership organizations, companies, and nonprofit organizations. Conversely, other major aviation and aerospace industry states benefit from aligned statewide advocacy to their federal and state officials. To optimize Ohio’s position, a framework supporting a One Ohio aviation and aerospace strategy was developed to align our efforts and to serve as a call to ACTION of Ohio stakeholders. The OAAC/OAATC approach is to provide single points of contact with representation from all regional stakeholders resulting in a single inclusive industry agenda.



### **Appendix 1**

- Integration of Ground Radar to integrate UAS operations within National Air Space, and US33 Smart Corridor integration for UAS systems with DriveOhio autonomy strategies,
- Expand Ohio's DriveOhio initiative and assure an integrated focus on autonomous mobility solutions including first and last mile UAS/PAV, hyperloop and aviation multi-modal connectivity with planned automotive strategies,
- Support national development of Air Traffic Reform including implementing performance evaluation and testing of NextGen technologies and policy within Ohio commercial and general aviation airports, and
- Continue to provide state funding for university based R&D with aerospace and aviation centers of excellence, and the Ohio Federal Research Network to attract top talent.

### **Appendix 2**

- Support and initiate a public private partnership to launch a Maintenance, Repair and Overhaul center of excellence,
- Assure the alignment and coordination of workforce skilled labor transformational opportunities within the aerospace advance manufacturing sectors, and
- Assure the alignment and coordination of skilled labor certification in the MRO through academic, state and industry partnership (utilize innovative models like RAMTEC).

### **Appendix 3**

- Improve Ohio's aviation and aerospace infrastructure to meet the global requirements of Ohio companies by establishing a dedicated aerospace staff position within the administration reporting to the Governor;
- Maintain and expand Ohio's position as a worldwide leader of cutting edge aerospace R&D, testing facilities and capabilities, i.e. hypersonic and other unique test facilities at AFRL, NASA GRC and Plum Brook Station;
- Develop a statewide initiative to provide greater focus and support for the retention and expansion of the Ohio aircraft power and propulsion development and manufacturing sectors;
- Develop and support a state-level Office of Government and Military Affairs reporting to the Governor to assure preparedness of regular military, national air guard, NASA, and other federal installations associated with aerospace to secure against Base Realignment and Closure (BRAC) federal initiatives;
- Assist in preparing Ohio's workforce to meet the in-demand job needs of the aerospace and aviation sectors through industry training partnerships and state based decision making for available federal and state training initiatives;
- Leveraging Ohio's federal and state aerospace and aviation research and development assets and support Ohio BOLD and other innovation cluster platforms;
- Providing a mature general aviation tax policy to drive aviation/UAV/PAV/MRO and other aircraft operation expansion;
- Supporting STEM education from K-12 and state funded higher education programs aligned to industry needs;
- Support Ohio Global Reach to Engage Academic Talent (G.R.E.A.T.) and other workforce and STEM education initiatives to facilitate policy, networking, and integration programs that keep aerospace and aviation academic talent in Ohio.