



Concept for a Multistate Advanced Air Mobility Collaborative

Advanced Air Mobility (AAM) is a new generation of aircraft based on emerging technologies that are providing unprecedented levels of safety, efficiency and environmental sustainability. While the Federal Aviation Administration (FAA) will regulate AAM operations in the National Airspace System (NAS), state governments will play a crucial part in developing the essential infrastructure, policies and funding required to support this transformative mode of transportation.

By assuming this critical role, states will enable seamless AAM operations and open markets that were previously unserved by legacy commercial aviation, ushering in an era of connectivity and accessibility. Although manufacturers are still testing their designs for FAA certification, it is necessary for states to begin preparing for AAM to support the industry when it is ready to fly.

As states anticipate the launch of this next stage of aviation technology, this proposal recommends the creation of a “Multistate Advanced Air Mobility Collaborative.” It will be a forum for aviation and economic development representatives from participating states to exchange views and methods for approaching AAM and to learn from each other.

Key goals and objectives include but are not limited to:

- Harmonize key issues while accounting for differences among states:
 - Public policy, governance structures and regulatory mechanisms that are within the jurisdiction of states
 - Data services and data-sharing practices
 - Weather and navigational aids
 - Traffic management services
 - Infrastructure standards to charge and service aircraft
 - Integration in communities and with transportation networks
 - Public acceptance and adoption

- Develop and define minimum service levels that represent practical goals that can be factored into state system plans. *These service levels apply to the whole spectrum of AAM, from Small Uncrewed Aircraft Systems (sUAS) to Electric Vertical Takeoff and Landing (eVTOL) aircraft to the modernization of traditional aviation and airports.*
- Define approaches that support sustainable system funding based on value to end users.
- Draw a roadmap for states to roll out common minimum service levels.

Intention and desired outcomes:

- The intent is to take these working plans to the FAA and industry for input to ensure that states produce harmonization and common infrastructure that are beneficial to the industry and consistent with standards and FAA policy.

Collaborative organizers have identified the benefits of working together to develop a standardized framework, including methodologies and technologies, that will be necessary to establish safe, coordinated ecosystems for AAM to evolve from laboratories to the skies.

As leading proponents for this rapidly emerging aviation sector, coalition members will be invested in developing a supportive environment for the successful deployment of AAM that is dependent on coordinated activities guided by the federal leadership of the FAA and NASA. Combining these efforts by the states is a unity of purpose and the power of strength in numbers to gain the attention and trust of the FAA in a partnership that thrives by gaining the most from limited resources.

The collaborative will serve as a comprehensive information exchange for states to help shorten development cycles and speed deployment of a national AAM network. A focus on economic sustainability is a critical aspect of this effort, as it demonstrates infrastructure for the “long-haul” that recognizes current fiscal realities, as well as AAM business realities.

Overall, the group’s purpose is to create a formal national collaboration of states to accelerate the deployment of AAM, and to work together toward a template of Minimum Viable Infrastructure (MVI) as a uniform baseline of capabilities that enable safe integration of AAM into the NAS.

For more information, please contact:

Tracy Tynan

Director, Unmanned Systems Center
Virginia Innovation Partnership Corporation
Tracy.Tynan@virginiaipc.org

Ph. 804-840-6127

Tim Sweeney

Director, Advanced Manufacturing,
Aerospace & Aviation, JobsOhio
sweeney@JobsOhio.com

Ph. 513-713-3984