Economic Impact Report for AAM Technologies for Ohio



What does this mean for Ohio?

AAM Market for Ohio by 2045



≥\$13B

Market value by 2045 for Ohio. Preliminary data from the Ohio DOT research study to be released in

Ohio AAM Cargo Industry by 2045



[∓] 2.1B

Market value by 2045 for Ohio. Preliminary data from the Ohio DOT research study to be released in

Average AAM Ticket Price for Ohio in 2045



Average ticket price by 2045 for Ohio. Preliminary data from the Ohio DOT research study to be released in

Global AAM \$1.9 Trillion by 2045

"Goldman Sachs, Morgan Stanley and NEXA Advisors/UAM Geomatics forecast for global market opportunity"

Ohio Passenger Trips in 2045



Projected number of passenger trips in Ohio by 2045. Preliminary data from the Ohio DOT research study to be released in May.

Dedicated Vertiports in Ohio



Projected number of vertiports in urban areas in Ohio by 2045. Preliminary data from the Ohio DOT research study to be released in

Ohio Job Creation



Projected number of jobs in the AAM industry for Ohio by 2045. Preliminary data from the Ohio DOT research study to be released in







What is Advanced Air Mobility?







Search and Rescue

Package Delivery

Passenger Travel



AAM Ecosystem

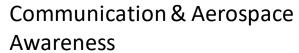
Aircraft

 Sensors, propulsion, communication, power, control, structural, cameras, custom hardware



Users

Military, Emergency Response, Delivery, Air Taxi, Airports



- Radar, Towers, Sensors, Al





Command and Control

- Air Traffic Management, data

Community

- Co-existing, Safety





Northern Ohio Advanced Air Mobility Strategy, Engagement and Deployment

Who are we: A community of stakeholders including manufacturers, resources organizations, institutions, public sector entities and others who are collaborating and aligning to support the next generation of advanced air mobility, transportation, and workforce development.

Our Mission: To accelerate and support the growth of Advanced Air Mobility in Northeast Ohio.

A sampling of partners and collaborators include:













Michael Best Consulting





























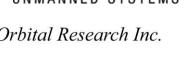


















Engaging the Ecosystem

Manufacturers

Collins Aerospace

DEM Manufacturing

Drieson International Inc

Eternium

Event 38 Unmanned Systems

Federal Gear

Laszeray Technologies

Orbital Research Inc.

SIC Drones

Theiss UAV

The Technology House

ATA IIC

AURA Network System

Users and Integrators

AVT Drones

Crown Castle

DroneUp

Iridium

Iris Automation

OneSky Systems

Pierce Aerospace

SARA

Zipline

Airports

Akron Canton

Akron Fulton

Cleveland Hopkins

Kent State University

Northeast Ohio Regional

Portage County

Wadsworth Municipal

Wayne County

Youngstown-Warren Regional

Industry Advocates

Fly Ohio

Heil Consulting

Jobs Ohio

Michael Best Consulting

NORCODA

Portage County

Regionerate LLC

Summit County

The Council of the Great Lakes Region

Resource Organizations

Aerozone Alliance

Brite Energy Innovators

Manufacturing Works

Ohio Aerospace Institute

Ohio Federal Research Network

Team NFO

Youngstown Business Incubator

Institutions

Baldwin Wallace University

Case Western Reserve

Cleveland State University

Cuyahoga Valley Career Center

Cuyahoga Community College

Kent State University

Lorain Community College

Northern Ohio Advanced Air Mobility Framework & Next Steps

Four Areas of Focus

In alignment with JobsOhio's Fly Ohio Strategy

Regional Ecosystem

- Engage Team NEO/JO/ ODOT/OFRN for Regional roadmap
- Direct funding opportunities from County, State, Federal, etc. to drive AAM advancement
- Maximize impact of regional assets (Universities, incubators, non-profs)

Infrastructure and Use Cases

- Collaborate with Regional Airport Network and Assets to spearhead infrastructure investment and use
- Support medical and logistic delivery use cases

Talent

- Owner level support hiring, growing, investing
- Skills development –
 apprenticeship, supervisors,
 pilot training, maintenance
- Mentorship networks

Supply Chain

- Connecting needs to solutions.
- Connecting businesses to OEM, Military, NASA, etc. Resources
- Connect Technology to marketplace



Northern Ohio Advanced Air Mobility Engagement and Outreach May 2023

Monday May 1st - Equipment Demonstration Kent State University Airport, Ohio

Drone and Radar Demonstrations 40+ participants

<u>Tuesday May 2nd – Supply Chain Opportunities for EV Aviation_ Kent State University, Ohio</u>

Engage and Inform Northern Ohio Ecosystem: manufacturers, integrators, and users.

Discuss AAM Strategy and technology milestones 100+ participants

Wednesday May 3rd - Ohio Aviation Association Annual Conference Columbus, Ohio

Engage Ohio airports. Awareness of opportunities and infrastructure needs. 35+ participants

Monday May 8th - AUVSI Exponential Conference_ Denver, Colorado

Establish presence in industry and engage out of state partners >500 participants

Join our ecosystem!