

Advanced Air Mobility (AAM)

Update & Resolution

March 13, 2025



What is Advanced Air Mobility (AAM)?

Uncrewed Aircraft Systems – UAS

- Under 60 lbs = carry things, not people
- Require within visual line of sight (VLOS) by ground pilots
- Cannot fly over populated areas
- Must stay at or below 400 ft

Electric Vertical Take Off and Landing aircraft – eVTOL

- Payload: 4-5 passengers or 1000 lbs
- Speed: 200 mph
- Range:
 - 2024 = 100-150 miles
 - 2031 = 200-300 miles
- Height requirements:
 - Above 500 ft after takeoff
 - Cruising altitude about 2000 ft



Horsefly™ WA4-100

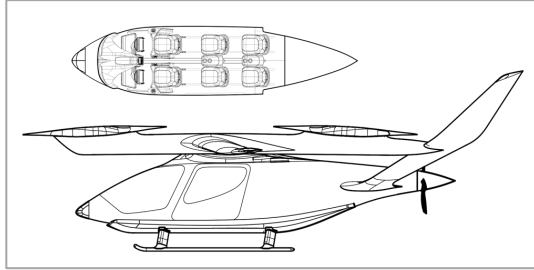
Source: Workhorse™ Group Inc. Aero Business. (2025).



Beta Technologies' eVTOL Aircraft Being Tested at CVG

Source: Cincinnati/Northern Kentucky Airport (CVG). (2022).

AAM Timeline to Market Deployment



Design & Development



Early Prototyping &
low-rate production



Flight Test & Vehicle
Certification



Scale-up Manufacturing
(2025 & beyond)



AAM OEM Market Lifecycle
Source: JobsOhio. (2023).

AAM SW Ohio Regional Team

(established - April 2023)



✓ Active Ohio Regional AAM Teams



How did we get to today's Resolution?



April 18
**National Advanced Air
Mobility Center of
Excellence**



August 20-21

**2024 NATIONAL ADVANCED AIR
MOBILITY INDUSTRY FORUM**

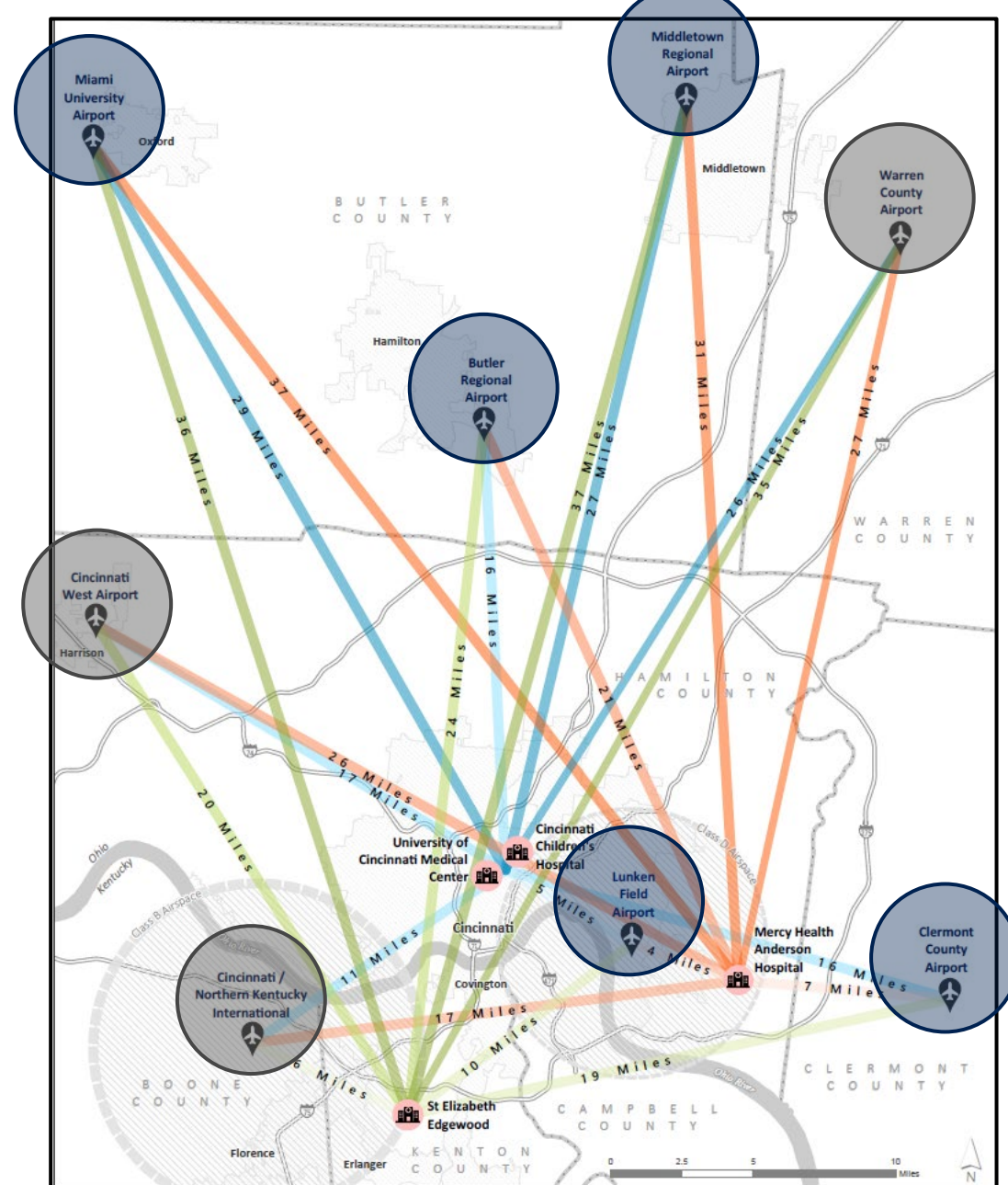
June-July

**Charging and Fueling Infrastructure
Discretionary Grant Program**



Participating Airports:

Airport	Airport ID	Local Public Agency Ownership
Butler County Regional Airport/ Hogan Field	HAO	Butler County Board of Commissioners
Cincinnati Municipal Airport/ Lunken Field	LUK	City of Cincinnati
Clermont County Airport	I69	Clermont County Commissioners
Miami University Airport	OXD	Miami University
Middletown Regional Airport/ Hook Field	MWO	City of Middletown



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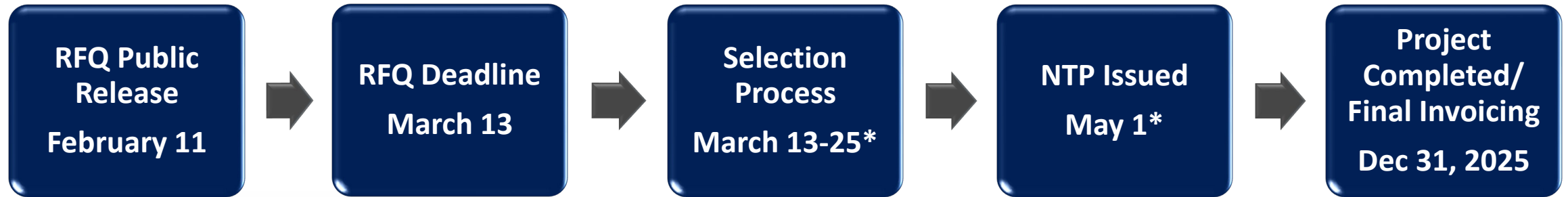


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Project Timeline:



*dates subject to change

Request: Approval of OKI Resolution 2025-07

For more information, contact:



Robyn Bancroft, AICP
Strategic Initiatives Manager
rbancroft@oki.org
(513) 619-7662

OKI 2025-07

RESOLUTION

OF THE EXECUTIVE COMMITTEE OF THE
OHIO-KENTUCKY-INDIANA REGIONAL COUNCIL OF GOVERNMENTS

AUTHORIZING A CONTRACT FOR PROFESSIONAL SERVICES TO PROVIDE
ADVANCED AIR MOBILITY ELECTRICAL INFRASTRUCTURE PLANS FOR
SOUTHWEST OHIO GENERAL AVIATION AIRPORTS

WHEREAS, the local public agencies (Butler County Board of Commissioners, City of Cincinnati, Clermont County Board of County Commissioners, Kenton County Airport Board and City of Middletown) as owners or lessee of the five participating General Aviation Airports (Butler County Regional Airport/Hogan Field, Cincinnati Municipal Airport/Lunken Field, Clermont County Airport, Miami University Airport and Middletown Regional Airport/Hook Field), herein called "Airports," have determined that each has a need to plan for future operations of Advanced Air Mobility aircraft, herein called "AAM" to support opportunities for business expansion and growth at their Airports and that such a transportation planning effort can be most advantageously pursued through comprehensive regional transportation planning services; and

WHEREAS, OKI assists local jurisdictions to conduct transportation planning activities when the UPWP allows; and

WHEREAS, through a quality-based selection process, a consultant will be chosen to conduct the AAM Electrical Infrastructure Plans for Southwest Ohio General Aviation Airports project; and

WHEREAS, the project will be funded using CPG Ohio Exclusive funds with the participating airports' local public agencies and Duke Energy Corporation providing the non-federal match: Now, therefore,

BE IT RESOLVED that the Executive Committee of the Ohio-Kentucky-Indiana Regional Council of Governments at its regular public meeting of March 13, 2025, hereby authorizes and directs OKI CEO to execute a contract for the AAM Electrical Infrastructure Plans for Southwest Ohio General Aviation Airports project with the selected consultant in an amount not to exceed \$105,000.

JOSH GERTH, PRESIDENT

RB
3/14/25

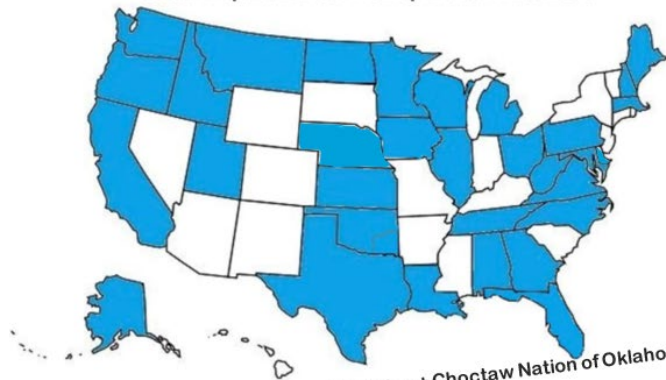
What about Kentucky?

AAM Event w/ GAs at
Springfield-Beckley Airport
(4/18/24)

Resolution to establish a Kentucky Air
Mobility and Aviation Economic
Development Task Force (2/18/25)

AAM Multistate Collaborative

States Department of Transportation Members



31 states + Choctaw Nation of Oklahoma
29 States working collaboratively to accelerate AAM

