

Aeronautics Report

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Marshfield Municipal Airport Electrification

First aircraft charger installed in Massachusetts

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- The first plane connected to the aircraft charger was an all-electric ALIA, developed by BETA
- An airport ribbon cutting on October 13th, commemorated the event
- The Beta-designed charging stations are multimodal and can power both electric ground and air vehicles
- The installation includes two Level 3 fast-chargers—one based airside and one landside
- A Level 2 charger, is also available for charging public use ground vehicles.
- The new infrastructure supports electrification - a key priority for the Commonwealth



Advanced Air Mobility (AAM) Interagency Working Group

IWG Comprised of 19 Federal Agencies Developing the National Strategy for AAM

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- Aeronautics briefed the AAM/IWG in Syracuse on the Commonwealth's statewide approach to AAM
- Efforts began in 2017 and evolved into a MassAutonomy-led AAM Integration Task Force
- Aeronautics distinct role - Chair of the World Economic Forum (WEF) Advanced and Urban Air Mobility Cities & Regions Coalition to the AAM IWG
- Aeronautics is a senior member in the WEF AVIATE initiative, focused on **Advancing Aviation Innovation and Autonomous Technology for Everyone**



Massachusetts Airport Management Association

2023 Annual MAMA Conference, October 22 –24, Plymouth, Massachusetts

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- 2023 MAMA Annual Conference celebrated the theme, "Powering the Present, Shaping Tomorrow."
- More than 190 aviation professionals gathered in Plymouth for high level discussions on creative airport funding sources, new technologies, safety and professional development.
- MassDOT leadership briefed state program initiatives and Deputy Administrator Garcia delivered a keynote on *"Advanced Air Mobility: Planning for a clean, green and equitable aerial future"*

“Drone in a Box” Demonstration

Remote Incident Response/Daily Inspection Drone Capability

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- “Drone-in-a-Box” developed by MA- based American Robotics
- System operates remotely and returns to the box for automatic recharging for the next mission
- System pilot program begins in November for test flight operations and data streaming capabilities
- Demo in early December at Lynn UAS Test Site open to stakeholders across MassDOT, MBTA, & state agencies

Thank You

