

Board Report:

**Massachusetts Selected to Chair World Economic Forum
AAM/UAM* Cities and Regions Coalition, Legislative Caucus
Held at Moore Army Airfield, FHWA Every Day Counts (EDC-5)
UAS Regional Workshop & Southbridge Municipal Airport
Obstruction Removal and New Perimeter Fencing**

June 15, 2022

Presented to:

■ Board of Directors

Presented by:

■ Aeronautics Division

➤ Dr. Jeff DeCarlo

Massachusetts Selected to Chair World Economic Forum AAM/UAM* Cities and Regions Coalition

- Chair, Aeronautics Administrator Jeff DeCarlo commented, “...It is an honor to be selected to assist in leading the conversation to shape policy with our global partners that will address the need to utilize the third dimension (our airspace) to provide air mobility services for a growing population.”
 - Government policymakers and urban planners are beginning to ask how new aerial platforms can be part of the solution for moving people and delivering goods (incl. small unmanned aircraft (small-UAS) package delivery, as well as passenger and cargo-capable eVTOL (electric vertical takeoff and landing aircraft)
 - Advanced Air Mobility/Urban Air Mobility* is the movement of passengers and goods through the air utilizing new, green, quiet, and affordable aircraft

Mission

- Support policy making that responsibly integrates new aerial platforms into urban and regional transportation networks across the world

Worldwide Events

- Cities & Regions’ Leaders incl. Governors, Secretaries, and Mayors invited to:

Farnborough Airshow Farnborough, UK July 18-22, 2022	Joby Elevate NYC, United States October 12-13, 2022	K-UAM Incheon, South Korea November 10-11	World Economic Forum Annual Meeting Davos, Switzerland January 2023
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Secretariat

- WEF - David Hyde**, and
- UAM Initiative Cities Community**, EU's Smart Cities Marketplace, **Vassilis Agouridas**

Founder & Initial Participants

- Massachusetts (Chair)**
- Amsterdam, Holland
- Île-de-France (Paris)
- Los Angeles, CA
- Orlando, FL
- Sao Paulo, Brazil
- New Member: Incheon, South Korea
- New Member: Neom, Saudi Arabia
- Observer: Victoria, Australia

Legislative Caucus Held at Moore Army Airfield



- MAMA¹ hosted a legislative caucus on 6/10/22 to explore the state's efforts on Counter UAS (C-UAS) and airspace awareness
- The event brought together State legislators and key partners from government, the military and industry
- Colonel Pyles spoke on behalf of the USAF Program Executive Office – Digital, expressing the Air Force's appreciation for work that has been done in partnership with Aeronautics and their intent to deepen that partnership by signing a Memorandum of Agreement with MassDOT and MassAutonomy
- Senator Vilas and Representative Blais expressed their continued support for efforts to ensure the safety of Massachusetts skies by increasing the Commonwealth's Counter UAS capabilities
- Attendees expressed great appreciation for the support of MassDevelopment in facilitating the ongoing use of Moore Airfield as a significant developmental test facility for advanced capabilities



Speakers address their support for Counter UAS



Administrator DeCarlo addresses C-UAS airspace challenges at public use airports
6/15/22

³ ¹ Massachusetts Airport Management Association

FHWA EDC-5 UAS Regional Workshop

- As part of it's ongoing Every Day Counts Round 5 (EDC-5) initiative, the Federal Highway Administration (FHWA), along with MassDOT, conducted a two-day workshop
 - Brought together State DOTs to collaborate on state-of practice and innovations using UAS
 - Boston selected to host 13 DOTs from North region
- Workshop focused on several initiatives
 - Highlighted UAS applications, technology and best practices for construction inspection, structural inspection and emergency response
 - Identify how State DOTs within the region are integrating UAS into their operations
- Representatives from MassDOT Highway and MassDOT Aeronautics attended with over 75 participants from across the regional DOTs/MassDOT



Drone demonstration for bridge inspection of pedestrian bridge

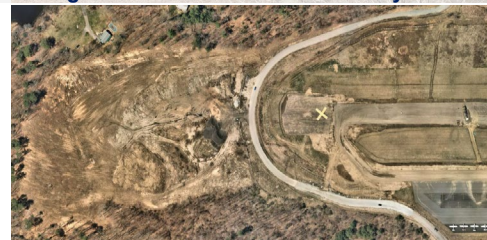
Southbridge Municipal Airport: Obstruction Removal and New Perimeter Fencing



- Southbridge Municipal Airport is undertaking a project for reconstruction, new signage, pavement markings, and new lighting for RW 2-20 and Taxiway A
- The project includes obstruction removal at both runway ends and installation of new perimeter fencing
- Obstruction removal and perimeter fence installation were permitted through the Southbridge and Charlton Conservation Commissions
- The obstruction removal permitting required a stream crossing and construction of a temporary stormwater retention basin
- Obstruction removal has been completed on both runway ends. The final grading and seeding are pending
- The fence installation will be completed by June 30th



Vegetative Obstructions off Runway 2-20



Completed Obstruction Removal on RW 2 End



Completed Obstruction Removal on RW 20 End