

Board Report:

FY 21 FAA Funding for Massachusetts Airports, Lawrence Municipal Airport Security Improvements, Massachusetts Airport Management Association Conference and the Massport “Operation Ready” Joint Response Exercise

November 18, 2021

Presented to:

■ Board of Directors

Presented by:

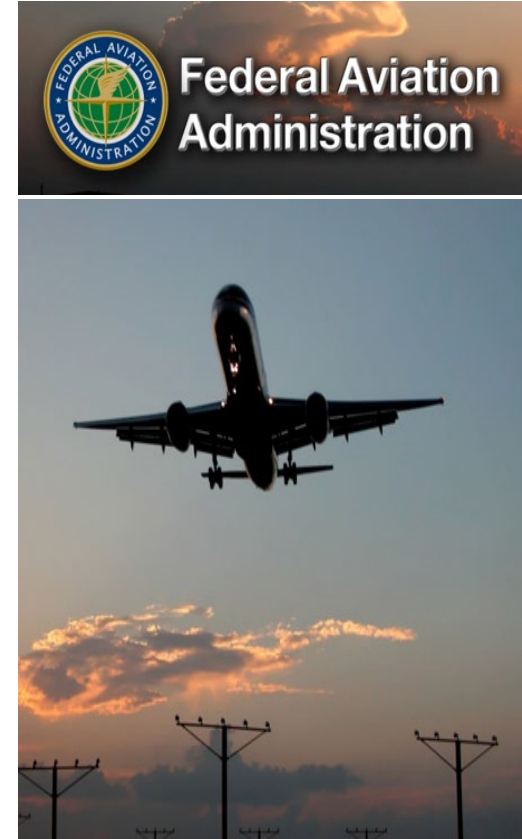
■ Aeronautics Division

➤ Dr. Jeff DeCarlo

FY21 FAA Funding Awarded to MA Airports



- Airport planning projects included a Master Plan Update at Fitchburg, an Airport Layout Plan Update and Airfield Geometry Study at Nantucket and a Runway 6-24 Length Analysis Study at Plymouth
- Provincetown, Lawrence, Martha's Vineyard and Westfield received grants for Environmental Assessments
- Westfield received a grant to conduct a Noise Compatibility Plan study
- Mansfield and Norwood received obstruction removal grants to clear their runway approaches
- Turner's Falls received a grant to acquire land for airport development
- Marshfield received a grant to install 6,000 Sq. Ft of perimeter fencing
- Airfield construction grants were awarded to Southbridge, Plymouth, Orange, Norwood and Taunton for apron, taxiway and runway improvements and for an airport drainage and erosion control project
- Total 2021 Airport Improvement Program Funding: \$6.6M entitlement and \$6.4M in discretionary federal funding spent at public use airports in MA
- Total 2021 COVID Relief funding in Massachusetts: \$5.5M

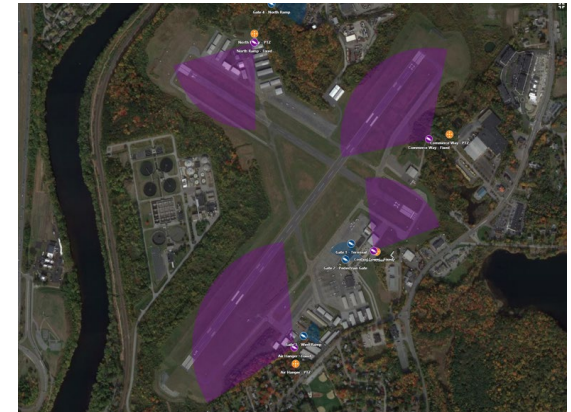


Lawrence Municipal Airport Security Improvements: Security Cameras and Access Control Project

- MassDOT awarded a grant to Lawrence Municipal Airport for security improvements that included the installation of airfield cameras, access gate control systems, and a wireless security communications network
- The new cameras provide enhanced views of both runway ends, aircraft landing zones and flight path approaches
- The project finished on-budget at \$637K with only one minor delay related to supply chain issues that are currently impacting the construction industry
- Airport stakeholders have already experienced efficiencies in their daily operations as a result of the more reliable access control gates at the airport entrances
- Additionally, the enhanced video surveillance of the critical areas on the airfield has increased situational awareness for both Airport Management and Air Traffic Control



Camera View of Runway 14 End and Hangers



Avigilon Security System Display, User Camera Views

Massachusetts Airport Management Association (MAMA) Conference

October 24th-26th, 2021



- The 48th Annual MAMA Conference was hosted by Fitchburg Municipal Airport. Mayor Di Natale and Airport Manager, Peter Kettle welcomed all and thanked the FAA and MassDOT for investing in the airport's future
- The theme of this year's conference was "Reconnecting the Region" and spoke to aviation's positive outlook for the future
- Information sessions and interactive discussions were crafted to address aviation industry topics applicable to airports throughout the New England Region(NER)



Information Session Topics

STEM Education: Educating the Next Generation	How to Handle Wildlife Hazards at and around Airports
FAA NER and MassDOT Updates	Procurement Compliance
Airport Sustainability Initiatives	Current Aviation Legal Topics
Airport Manager Continuing Education and Media Relations	Interactive Session on Airport Dilemmas: What would you do?



Massport “Operation Ready” Joint Response Exercise



- The Massachusetts Port Authority in conjunction with several mutual aid partners conducted an emergency response drill simulating a plane crash at Logan Airport
- MassDOT Aeronautics utilized an all weather “drone” during the response to provide real time video streaming of optical and thermal imagery of the exercise
- The live stream video provided situational awareness to the Massport Unified Command, Fire Rescue and Operations personnel
- The Aeronautics Drone Team utilized a persistent tether to provide power and allow for a continuous video feed of the exercise
- The purpose of these drills is to test coordination, communication and response times and improve operational readiness in the event of a real-world incident at Logan Airport

