

### MassDOT Board Report

March 13, 2016 Jeff DeCarlo, Ed.D., PMP, ATP

# National Airport System and the Commonwealth<sup>1</sup>



The aviation system plays a key role in the success, strength, and growth of the U.S. economy. Economic activity attributed to civil aviation-related goods and services totaled \$1.5 trillion in 2012.

The national airport system is critical to the national transportation system and helps air transportation contribute to a productive national economy and international competitiveness.

The FAA National Plan of Integrated Airport Systems (NPIAS) identifies AIP-eligible<sup>2</sup> and justified airport improvements that are planned within the next 5 years. The FAA considers improvements included in the NPIAS in the Agency's Airport Capital Improvement Plan process.

The Commonwealth contains 36 public-use airports, 25 of which are NPIAS airports eligible for AIP funding.

Note 1: Report to Congress National Plan of Integrated Airport Systems (NPIAS) 2015-2019, USDOT, FAA, 2015, http://www.faa.gov/airports/planning\_capacity/npias/reports Note 2: Airport Improvement Program

#### MA Commercial Service / Scheduled Charter Airports



Public-Use Airports							
AIRPORT NAME	NPIAS <sup>1</sup>	Ownership	Recent Capital Project Highlights				
Commercial Service / Scheduled Charter Airport							
Accommodate commercial passenger service (including scheduled charter) in addition to air cargo and a complete range of business activities. They accommodate commercial aircraft commensurate to the level of service employed and permitted, as well as all types of general aviation aircraft, including corporate jet and multi-engine activity.							
HYANNIS BARNSTABLE MUNICIPAL (HYA)	√	Publicly-Owned	Construct New Terminal, Roadway and Parking; Taxiways A, C, D and Terminal Apron Reconstruction; East Ramp Reconstruction; Airport Security Camera				
MARTHA'S VINEYARD (MVY)	√	Publicly-Owned	Air Rescue Fire Fighting & Snow Removal Equip Building; Taxiway& Apron Reconstruction				
NANTUCKET MEMORIAL (ACK)	√	Publicly-Owned	Ramp Reconstruction; Airport Master Plan Update & Sustainability Program				
NEW BEDFORD REGIONAL (EWB)	√	Publicly-Owned	Runway 5-23 Reconstruction, Mark, Light & Groove; Reconstruct Taxiway A; Terminal Building Study				
PROVINCETOWN MUNICIPAL (PVC)	√	Publicly-Owned	Taxiway Construction; Airport Master Plan Update; Design for New Terminal Building; NEPA & MEPA Reviews				
WESTOVER METROPOLITAN (CEF)	√	Publicly-Owned	Construct Snow Removal Equipment Building; Business Plan Project; Sound Insulation				

Note 1: National Plan of Integrated Airport Systems-Airports that are significant to national air transportation and thus eligible to receive Federal grants under the Airport Improvement Program (AIP).

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#### **MA Corporate/Business Airports**



Public-Use Airports							
AIRPORT NAME	NPIAS <sup>1</sup>	Ownership	Recent Capital Project Highlights				
Corporate/Business Airports							
Serve a primary role in regional economic activities, connecting to state and regional economies. They accommodate a full range of regional and local business activities, connecting to state and national economies. They accommodate a full range of regional and local business activities, as well as most types of general aviation aircraft, including corporate jet and multi-engine activity.							
BEVERLY MUNICIPAL (BVY)	<	Publicly-Owned	Airport Administration Building; East & West Ramp Reconstruction; Airport Security Cameras				
FITCHBURG MUNICIPAL (FIT)	√	Publicly-Owned	Airport Administration Building; Runway 14 Approach Obstruction Removal				
LAWRENCE MUNICIPAL (LWM)	√	Publicly-Owned	Runway 14-32 & 5-23 Runway Safety Areas; Airport Security Cameras				
MARSHFIELD- GEORGE HARLOW FIELD (GHG)	√	Publicly-Owned	Runway 6-24 Construction; Airport Maintenance Tractor; Airport Security Cameras				
NORTH ADAMS/HARRIMAN AND WEST (AQW)	✓	Publicly-Owned	Taxiway & Apron Reconstruction, Runway Safety Area Work; Airport Administration Building Design				
NORWOOD MEMORIAL (OWD)	<	Publicly-Owned	Security Camera Upgrades; Taxiway Reconstruction				
ORANGE MUNICIPAL (ORE)	√	Publicly-Owned	Reconstruct Taxiway A & Terminal Apron; Airport Security Fence				
PITTSFIELD MUNICIPAL (PSF)	√	Publicly-Owned	Runway 8-26 Extension; Replace Hazard Beacons; Design for the Reconstruction of Runways 8-26 & 14-32				
PLYMOUTH MUNICIPAL (PYM)	<ul> <li>Image: A marked black</li> </ul>	Publicly-Owned	Runway 33 Extension; Airport Administration Building Design				
WESTFIELD/SPRINGFIELD BARNES MUNICIPAL (BAF)	√	Publicly-Owned	Rehab Runway 2-20; Reconstruct T-hanger Taxi-lane; Sound Insulation; Airport Security Cameras				

Note 1: National Plan of Integrated Airport Systems-Airports that are significant to national air transportation and thus eligible to receive Federal grants under the Airport Improvement Program (AIP).

#### **MA Community/Business Airports**



Public-Use Airports								
AIRPORT NAME	NPIAS <sup>1</sup>	Ownership	Recent Capital Project Highlights					
Community/Business Airports								
Serve a primary role in local economies, focused on supporting a variety of general aviation activities such as business, emergency services, recreational, and personal flying. They accommodate smaller general aviation aircraft, including some multi-engine, but mostly single-engine aircraft.								
CHATHAM MUNICIPAL (CQX)	√	Publicly-Owned	Construct Snow Removal Equip Building; Install Stand-by Electrical Generator					
FALMOUTH (5B6)		PRIVATELY-Owned	Utility Vehicle; Fueling Station; Crack Sealing					
GREAT BARRINGTON/WALTER J. KOLADZA (GBR)	√	PRIVATELY-Owned	Runway & Taxiway Markings; Crack Sealing					
MANSFIELD MUNICIPAL (1B9)	√	Publicly-Owned	Airport Administration Building; Fuel Farm Credit Card Station					
MARLBORO (9B1)		PRIVATELY-Owned	Runway & Taxiway Markings; Crack Sealing					
MONTAGUE/TURNERS FALLS (0B5)	√	Publicly-Owned	Archaeological / Tribal Investigation for Airport Projects; Taxiway Shift & Reconstruction					
NORTHAMPTON (7B2)	√	PRIVATELY-Owned	Runway & Taxiway Markings; Crack Sealing					
SOUTHBRIDGE MUNICIPAL (3B0)	√	Publicly-Owned	Airport Administration Building & Hangar Construction; Apron Repair					
SPENCER (60M)		PRIVATELY-Owned	Runway & Taxiway Markings; Crack Sealing					
STERLING (3B3)		PRIVATELY-Owned	Runway & Taxiway Markings; Crack Sealing					
STOW/MINUTE MAN AIRFIELD (6B6)	√	PRIVATELY-Owned	Repair Runway 3-21; Ramp Construction					
TAUNTON MUNICIPAL (TAN)	√	Publicly-Owned	Security Cameras; Airport Master Plan; Airport Administration Building Design					

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#### **MA Essential/Business Airports**



Public-Use Airports						
AIRPORT NAME	NPIAS <sup>1</sup>	Ownership	Recent Capital Project Highlights			
<b>Essential/Business Airports</b> Serve a supporting role in local communities and economies. They facilitate essential local business activities and emergency services access, as well as serving recreational and personal flying activities. They primarily accommodate small general aviation single-engine aircraft.						
BARRE/BARREPLAINS-TANNER-HILLER (8B5)		PRIVATELY-Owned	Runway & Taxiway Markings; Crack Sealing			
BERKLEY-MYRICKS (1M8)		PRIVATELY-Owned	Mower			
EDGARTOWN/KATAMA AIRPARK (1B2)		Publicly-Owned	None			
GARDNER MUNICIPAL (GDM)	√	Publicly-Owned	Environmental Permitting (ENF) and Rare Species Study; Install Security Fence & Gates			
HANSON-CRANLAND (28M)		PRIVATELY-Owned	Microsurface Runway, Tree Clearing, Gate, Runway Markings			
HOPEDALE-DRAPER (1B6)		PRIVATELY-Owned	Runway Crack Sealing and Markings			
MARSTONS MILLS/CAPE COD (2B1)		Publicly-Owned	None			
NEWBURYPORT/PLUM ISLAND (2B2)		PRIVATELY-Owned	Runway Markings; Crack Sealing			

Note 1: National Plan of Integrated Airport Systems-Airports that are significant to national air transportation and thus eligible to receive Federal grants under the Airport Improvement Program (AIP).



## **Thank You!**

