

On the Approach



Christopher J. Willenborg, Massachusetts Department of Transportation (MassDOT) Aeronautics Division Administrator.

Administrator's Message

Greetings from the Massachusetts Department of Transportation (MassDOT) Aeronautics Division!

It appears as though we escaped a traditional New England winter this year and are quickly transitioning into spring. Hopefully the airport managers and their respective teams at the 39 public-use airports have the mowing deck blades sharpened and are ready to maintain our airfields!

Over the past several months, the staff of the MassDOT Aeronautics Division has been actively engaged in our aviation education outreach programs. In particular, Steven Rawding, our Aviation Planner, has been working diligently with the Federal Aviation Administration (FAA), educational leaders, and aviation stakeholders to promote

aviation career opportunities throughout the Commonwealth. See pages 4 and 5 for more information.

On March 29, 2012, the MassDOT Aeronautics Division recognized the art students and faculty from Fiske Elementary School located in Lexington, Massachusetts for

bara Patzner and her Massport Team at Hanscom Field, we scheduled an event at Jet Aviation's facility for the students. June Foster of Jet Aviation at Hanscom Field graciously hosted the group inside one of their hangars. After each student was recognized for their outstanding



The Massachusetts Department of Transportation (MassDOT) Aeronautics Division and the Massachusetts Port Authority (Massport) celebrate at Hanscom Field with the art students and faculty from Fiske Elementary School located in Lexington, Massachusetts. The event at Hanscom celebrated the students participation in the 2012 International Aviation Art Contest.

their participation in the 2012 International Aviation Art Contest. This year's theme was "Silent Flight". With the unwavering support of Bar-

bara Patzner and her Massport Team at Hanscom Field, we scheduled an event at Jet Aviation's facility for the students. June Foster of Jet Aviation at Hanscom Field graciously hosted the group inside one of their hangars. After each student was recognized for their outstanding

artwork, the students and their parents had the opportunity to hear about airports and career opportunities in the aviation industry. With the support of two local flight departments based at Jet Aviation, each student was able to go inside a Falcon 900 and Challenger 300 business jet and learn about each aircraft. In addition to these activities, the students had the chance to fly the MassDOT Aero-

Inside this issue:

<i>Just Plane Folks</i>	2 - 3
<i>Statewide Taxiway Markings Program</i>	4
<i>Aviation Outreach in the Commonwealth</i>	4/5
<i>Welcome Andrew Mihaley</i>	6
<i>FAA Waypoint</i>	7/8
<i>Statewide Terminal Building Program</i>	9
<i>The 2012 International Aviation Art Contest</i>	9/10
<i>Photo Wrap</i>	11
<i>Upcoming Events</i>	11/12

The Aeronautics Division's mission is to promote aviation throughout the Commonwealth while establishing an efficient integrated airport system that will enhance airport safety, economic development, and environmental stewardship.

nautics Division simulator. Judging by the smiles and comments from students, parents and teachers, all in attendance had a wonderful afternoon at Hanscom Field. See article on page 9 for more information.

On April 10, 2012, Lieutenant Governor Timothy P. Murray, MassDOT Secretary and CEO Richard A. Davey, and FAA Assistant Manager of the Engine and Propeller Directorate, Colleen D'Alessandro, recognized "Team Pizzaz" of Marlborough High School for winning the 2012 Real World Design Challenge State Competition. The Real World Design Challenge Competition is based on STEM (Science, Technology, Engineering, and Math) principles and engages students to address real world engineering challenges. This year's competition was focused on designing a Light Sport Aircraft. The students will be representing the Commonwealth in the 2012 National Real World Design Challenge in Washington DC at the end of April. A special thank you to G. Robert (Bob) Stetson, owner of Marlboro Airport, for mentoring the students and to the Massachusetts Airport Management Association (MAMA) for providing "Team Pizzaz" with team jackets. The jackets looked fantastic with the student's name and school logo. Go Team Pizzaz!

As you can see from these two aviation education outreach events, the MassDOT Aeronautics Division is committed to actively participating and facilitating events across the Commonwealth. Inside the newsletter, please read the article regarding our other aviation education outreach efforts. In the future, please remember to contact the MassDOT Aeronautics Division regarding upcoming airport open houses or other educational events in your community. We would gladly participate in your event and add your event brochure/information to the MassDOT Aeronautics Division calendar located on our website at www.mass.gov/massdot. We look forward to working collaboratively with our aviation stakeholders in educating the general public and our youth about airports and aviation in the Commonwealth.

Be safe and thank you for your continued support of the MassDOT Aeronautics Division! ■



MassDOT Secretary and CEO Richard A. Davey stands for a photo with Ken Hanson and Stephanie Hallett, Marlboro High School "Team Pizzaz" coaches and teachers and the 2012 Real World Design Challenge State Champions, "Team Pizzaz". The Team will compete for the national title on April 21, 2012 in Washington DC.

Just Plane Folks - Featuring Mary Walsh

By: Michelle Ricci (Wildlife Hazard Program Manager and Environmental Protection Specialist, FAA NE Region)

When the Massachusetts Department of Transportation (MassDOT) Aeronautics Division thought about whom to feature in the "Just Plane Folks" section of this issue, our staff chose Mary Walsh, the new Federal Aviation Administration (FAA) New England Region Airports Division Manager! However, rather than have an Aeronautics Division staff member write the article, we asked one of the FAA's own, Michelle Ricci, to do the honors. Thank you Michelle!

In November 2011, Christa Fornarotto, Manager of the Office of Airports, announced that Mary Walsh was selected as the New England Region Airports Division Manager. Prior to this appointment, Mary served as the Senior FAA Representative to Singapore, establishing working relationships within all the FAA Lines of Business, U.S. Department of Transportation (DOT), National Transportation Safety Board (NTSB), U.S. Trade Development Agency and International Civil Aviation Organization (ICAO). She has over 31 years of Federal service and has a wealth of diverse professional experience including extensive time in international aviation field offices, various FAA Headquarters and other field positions.

Over the past several months many of us within the FAA New England Region office have had the chance to meet and work with Mary but I wanted to give others the opportunity to learn a bit more about her. I asked Mary a series of questions and this is what she



had to say...

Q: How did you get involved in aviation? -----

A: In 1988, I applied for a position as an Aviation Security Inspector with the Office of Aviation Security (FAA Security). Prior to this post with the FAA, my career was dedicated to different law enforcement and security positions.

Q: Where and what positions have you held? -----

A: I have a Bachelor's degree from Northeastern University in Criminal Justice; therefore, my career has centered around law enforcement and security. I started my professional line of work in 1980, where for six years, I was a Junior Investigator for U.S. General Services Administration (GSA), Office of the Inspector General. From 1986 to 1987, I was a member of a Task Force at the Department of Justice (DOJ) and in 1987 I was detailed to the U.S. Secret Service to assist in conducting physical security inspections for all buildings/facilities on the Presidential Inauguration Parade Route.

It was not until 1988 that I began my career with FAA. I started in the Office of Aviation Security as a Security Inspector. I became the Lead International Team Member then Manager of the FAA International Security Office in Asia (Singapore), where I was responsible for working on classified and sensitive aviation security issues with numerous foreign governments and U.S. agencies.

In 2002, I joined the Department of Homeland Security as the Assistant Federal Security Director at Boston Logan International Airport and in 2006 I began my second assignment in Singapore as the Senior FAA Representative to Southeast Asia. For five years, I was responsible for the agency's efforts to strengthen safety and promote procedural coordination in a geographical area that covered Thailand, Australia and New Zealand.

In 2011, I became the FAA Airports Division Manager.

Q: What type of international experience do you have from your job with the FAA? -----

A: My first international assignment with FAA was to Scotland to assist with the Pan American World Airways (Pan Am) Flight 103 accident investigation. Upon my return I was assigned to assist with international airport assessments and air carrier station inspections in Europe, Africa, the Middle East, Mexico and Latin America. My last international assignment was to Tokyo, Japan as the lead for the FAA during the March 2011 earthquake, tsunami and nuclear crisis.

Q: What attracted you to the Manager of Airports position? -----

A: As the FAA Representative in Southeast Asia, I assisted FAA and the National Transportation Safety Board (NTSB) in numerous commercial accident investigations. I worked primarily on accidents that were the result of runway incursions. During that time, I heard about the FAA Airports' organization's stellar reputation and was interested in joining the group.

Q: Where did you grow up? -----

A: I am from Boston. My parents were both immigrants from Ireland. I grew up in a tight-knit, loud Irish family in Brighton. I went to an all-girl catholic High School in Newton and then graduated from Northeastern University with a degree in Criminal Justice. I have a house on Cape Cod.

Q: What are your favorite things to do? Hobbies? -----

A: I have four nieces/nephews and two spoiled dogs. Most weekends are spent with family or taking the dogs to dog parks, the beach and on hikes. Interior design, landscaping and charity work fill up my free time.

Q: What would you like people to know about you? -----

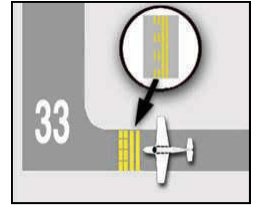
A: I have a good sense of humor and I am a hard worker. I also love the Red Sox - Go Sox! ■



Statewide Taxiway Markings Program

By: Kathleen Mahoney (Airport Engineer - MassDOT Aeronautics Division)

Spring has arrived in Massachusetts, along with some absolutely amazing flying weather! With the change in seasons and increase in flying also comes the need for spring cleaning at our airports. While some Divisions within the Massachusetts Department of Transportation (MassDOT) will be busy with road and rail maintenance, the Aeronautics Division will be busy painting taxiway markings throughout the Commonwealth. The Aeronautics Division's goal is to fund one Statewide System Project annually to help maintain our airports. Last year, we completed a runway crack seal project and this year it was decided to move onto brightening up our taxiways.



With ever-constrained resources for airport related projects, MassDOT has asked everyone to sharpen their pencils. Well, Thomas Mahoney and Kathleen Mahoney, the Aeronautics Division's top notch engineering team, took this request to heart and did just that. They put their engineering skills to work and saved the Aeronautics Division approximately \$85,000 on the Statewide Taxiway Markings Program by producing the plans and specifications in-house and by using an existing Highway Division engineering support contract to provide resident engineering services.

Way to go Team!

Airports can be tricky to navigate with runways and taxiways intersecting from all directions. At unfamiliar airports, taxiway markings provide significant help to the pilot trying to navigate to and from the runway and/or apron. If those markings are faded they are hard to see and can make traversing the airport confusing for a pilot. Without the ability to decipher runway holdlines, intersecting taxiways, taxiway edges, taxiway centerlines and more, the possibility of an airfield accident significantly increases. Potentially even more dangerous is the threat of a runway incursion and without the proper markings such as runway holdlines a pilot can easily taxi onto a runway increasing the chances of a high speed accident as a plane is taking off or landing.

The Statewide Taxiway Marking Project will repaint taxiway markings at 30 public-use airports within the Commonwealth (project excludes Massport facilities). The repainted marking will include: centerlines, edgelines, holdlines, non-movement area markings, enhanced centerlines, surface painted signs, compass roses, airport names and identifiers, and any other markings as long as they currently exist within the limits of the taxiway.

To help save time and money, the Aeronautics Division Engineering Department was able to produce the plans and specifications to put the project out to bid as well as use an existing Highway Division engineering support contract to provide resident engineering services. The contract was bid out on March 21, 2012 and the 60-day construction period is expected to

start at the end of April.

Safety is priority number one when it comes to operating aircraft and because pilots have so many things to worry about we don't want to add squinting to see those taxiway markings to their checklist. Enjoy spring with clear blue skies and crisp bright taxiway paint to get you to your destination and safely back home again. ■

Aviation Outreach in the Commonwealth

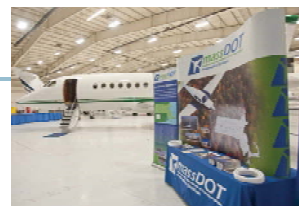
By: Steve Rawding (Airport Planner - MassDOT Aeronautics Division) &

Katie Servis (Airport Planner/Environmental Analyst - MassDOT Aeronautics Division)

The Aeronautics Division's mission is to promote aviation throughout the Commonwealth while establishing an efficient integrated airport system that will enhance airport safety, economic development, and environmental stewardship. The first component of the mission statement is, "to promote aviation throughout the Commonwealth" and over the past several years, the Massachusetts Department of Transportation (MassDOT) Aeronautics Division's Aviation Outreach Program has strived to do just that! The program has steadily grown and with our Administrator, Christopher J. Willenborg, and Airport Planner and Aviation Education and Outreach Coordinator, Steve Rawding, at the helm we have seen even more growth through annual events, workshops, career fairs, and high school challenges and contests, all geared towards one thing - the promotion of aviation!

Annual events such as Massachusetts State Legislature Aviation Caucus; On the Hill Day; The International Aviation Art Contest; Real World Design Challenge; Aviation, Maritime and Transportation Education Expo; Hanover Middle School Career Exploration Day; New England Aviation Safety Expo; and various other airport related open house and air show events keep staff busy year round as identified in the table on the following page.

When schedules permit, MassDOT Aeronautics Division makes it a point to attend other events to promote aviation in the Commonwealth including: the Aircraft Owners and Pilots Association (AOPA) Aviation Summit, National Association of State Aviation Officials (NASAO) Annual Conference, and National Business Aviation Association (NBAA) Annual Schedulers & Dispatchers Conference.



Month	Event Name	Event Description
January	On the Hill Day	The MassDOT Aeronautics Division, the Massachusetts Port Authority (Massport) and the Massachusetts Airport Management Association (MAMA) join forces annually at the Massachusetts statehouse to reach out to state legislators at the “On-the-Hill” event highlighting the public-use airports across the Commonwealth and what they have to offer.
	International Aviation Art Contest	Each year the MassDOT Aeronautics Division along with the National Association of State Aviation Officials (NASAO), the National Aeronautic Association (NAA) and in cooperation with the Fédération Aéronautique Internationale (FAI) host an International Aviation Art Contest. An art theme is chosen each year enticing students ages 6 thru 17 to grab their art supplies, use their artistic abilities and imagination, and create an image that celebrates the aviation industry. To be eligible for the national judging, students must participate in state-wide art contests and place either first, second or third. MassDOT Aeronautics Division staff judges all artwork for its creative use of the theme and all first place entries are forwarded to Washington, D.C. to be judged in the national competition with top national winning artwork eligible for international judging.
March	New England Aviation Safety Expo	The New England Aviation Safety Expo is an informative one day conference that is designed to educate and promote the safety of general aviation pilots. The MassDOT Aeronautics Division attends this FAA hosted event annually.
April	Aviation, Maritime and Transportation Education Expo	The MassDOT Aeronautics Division, along with a number of other exhibitors team with the Expo hosts, the Massachusetts Port Authority (Massport) and the Federal Aviation Administration (FAA) for this annual event at Boston Logan International Airport. The Expo started over 15 years ago as an educational event for aviation community representatives to introduce students to the opportunities and experiences offered by the aviation industry. More than 1,500 students from over 30 schools located in the Greater Boston and southern New Hampshire areas attend the Expo!
May	New Bedford Regional Airport General Aviation Fun Day	In coordination with Women in Aviation - Atlantic Aviators Chapter, the New Bedford Regional Airport Pilot's Association, and the New Bedford Regional Airport, the MassDOT Aeronautics Division has attended the Annual General Aviation Fun Day for the past five years setting up the our informational booth and providing a chance for those to test their skills on the flight simulator.
June	Hanover Middle School Career Exploration Day	The MassDOT Aeronautics Division attends this event annually providing middle school students with an overview of possible aviation careers available to them. MassDOT provides a presentation to approximately four classes with each presentation lasting about an hour.
	Taunton Municipal airport Annual Open House	2012 will mark the first year that the MassDOT Aeronautics Division attends this event. We will be setting up the informational MassDOT Aeronautics booth and providing a chance for those to test their skills on the flight simulator.
July	Minute Man Airfield Aviation Expo and Open House	The MassDOT Aeronautics Division attends this event annually setting up the informational MassDOT Aeronautics booth and providing a chance for those to test their skills on the flight simulator.
August	Marlboro - A Day at the Airport	The Airport opens its doors to the local community giving them the opportunity to see a variety of airplanes, explore city vehicles and even watch a parachute jump. The MassDOT Aeronautics Division attends this event annually setting up the informational MassDOT Aeronautics booth and providing a chance for those to test their skills on the flight simulator.
	Westover Air Reserve Base & Westfield-Barnes Air Shows	The MassDOT Aeronautics Division attends these events setting up the informational MassDOT Aeronautics booth and providing a chance for those to test their skills on the flight simulator.
September	Plymouth Airport Air Fair	The Airport opens its doors to the local community giving them the opportunity to see and experience the airport. The MassDOT Aeronautics Division attends this event annually setting up the informational MassDOT Aeronautics booth and providing a chance for those to test their skills on the flight simulator.
October - April	Real World Design Challenge	The Real World Design Challenge (RWDC) is an annual competition that provides high school students, grades 9 – 12, with the opportunity to work on real world challenges that face one of the Nation’s leading industries. The challenge is aimed at enhancing Science, Technology, Engineering and Mathematics education in high schools, otherwise known as STEM education. Since 2008, the challenges presented to the students have included the use of professional engineering software that has enabled them to design and/or redesign existing aircraft to maximize fuel efficiency and increase performance. The Aeronautics Division has participated in the RWDC since its inception in 2008 with all challenges to date focused on the aerospace industry.

Welcome Andrew (Drew) Mihaley to the MassDOT Aeronautics Division Family

By: Katie Servis (Airport Planner/Environmental Analyst - MassDOT Aeronautics Division)

The Massachusetts Department of Transportation (MassDOT) Aeronautics Division is pleased to present to you the newest addition to the MassDOT Aeronautics Division family, Mr. Andrew (Drew) Mihaley. Drew joined the team on March 12, 2012 as our new Aeronautical Inspector for the Commonwealth.

Drew graduated with a Bachelor of Science degree in Aviation Science (Flight Training) from Bridgewater State College (now Bridgewater State University) and also holds an Associates of Applied Science degree in Airway Science from the United States Air Force (Air Traffic Control Operations Specialists School). Additionally, Drew studied Criminal Justice at Westfield State College while working with the United States Drug Enforcement Administration in Springfield, MA.

Drew comes to the Aeronautics Division with a vast amount of experience in the aviation industry; the majority of which was gained during his 21 years in the United States Air Force (1991 to present) at various Massachusetts and New York Air National Guard units.

Drew served our country as an Air Traffic Control Specialist in the 101st Air Control Squadron (Massachusetts Air National Guard - Worcester, MA) from 1991 to 1997. While with the 101st, Drew provided mission support and coordination between military radar units and Federal Aviation Administration (FAA) air traffic control facilities; he conducted inspections of remote airfields and landing areas; controlled aircraft in a radar environment; and provided surveillance support to U.S. Customs.

From the 101st Air Control Squadron, Drew transferred to 102nd Rescue Squadron, a unit of the New York Air National Guard, from 1997 to 2004. While with the 102nd, Drew flew the HH-60G Pavehawk helicopter as a rescue pilot in both combat and peacetime missions and also trained many New York City Police and F.B.I. helicopter crews on rescue techniques. It was also at the 102nd where Drew gained valuable experience as an Aircraft Accident Investigation Officer providing his expertise as both a fixed wing and helicopter pilot during various aircraft accidents.

In 2004 and to this present day, Drew continues his military career at the 337th Airlift Squadron at Westover Air Reserve Base. As a Major and Aircraft Commander, Drew has piloted the Lockheed Martin C-5 Galaxy strategic transport aircraft for the past eight years. In addition to flying missions for Operation Iraqi Freedom, Operation Enduring Freedom, and Odyssey Dawn, Drew has also volunteered to pilot humanitarian support flights for Hurricane Katrina and the March 2011 earthquake, tsunami and nuclear crisis in Japan.

Drew has over 4,100 hours in total flight time with nearly 3,100 hours in multi-engine jet time and over 910 hours in helicopters.

During the month of April, Drew will be in training for one week at the FAA's Airport Master Record/Airport Inspection Course in Chicago, IL and for two weeks at the National Transportation Safety Board (NTSB) Investigation School in Washington DC in the later part of the month.

Drew lives on the South Shore with his wife, Danielle, and their two children, Dylan and Anna. We welcome Drew to his new post as the State Aeronautical Inspector, and we are so excited that he is a part of our aviation family. If you wish to reach Drew, please do so at 617.412.3692 or andrew.mahiley@state.ma.us. Welcome Drew! ■



Drew refueling while flying the HH-60G Pavehawk helicopter as a rescue pilot for the 102nd Rescue Squadron, a unit of the New York Air National Guard.



Drew continues his military career at the 337th Airlift Squadron (Westover Air Reserve Base).



Drew is pictured here with his wife, Danielle, and their two children, Dylan and Anna.

FAA Waypoint - New Electronic Grant Payment System

By: Michelle Ricci (Wildlife Hazard Program Manager and Environmental Protection Specialist, FAA NE Region)

A new electronic grant payment system (Delphi eInvoicing) has been developed by the U.S. Department of Transportation to be implemented department-wide across all modal agencies, which includes the Federal Aviation Administration (FAA). This new web-based system to electronically request payment and monitor payment status will allow for reduced processing time and more accurate grant payments and reporting. Additionally, capabilities to monitor, track, and reconcile grant payments are enhanced.

Who is required to use the Delphi eInvoicing system?

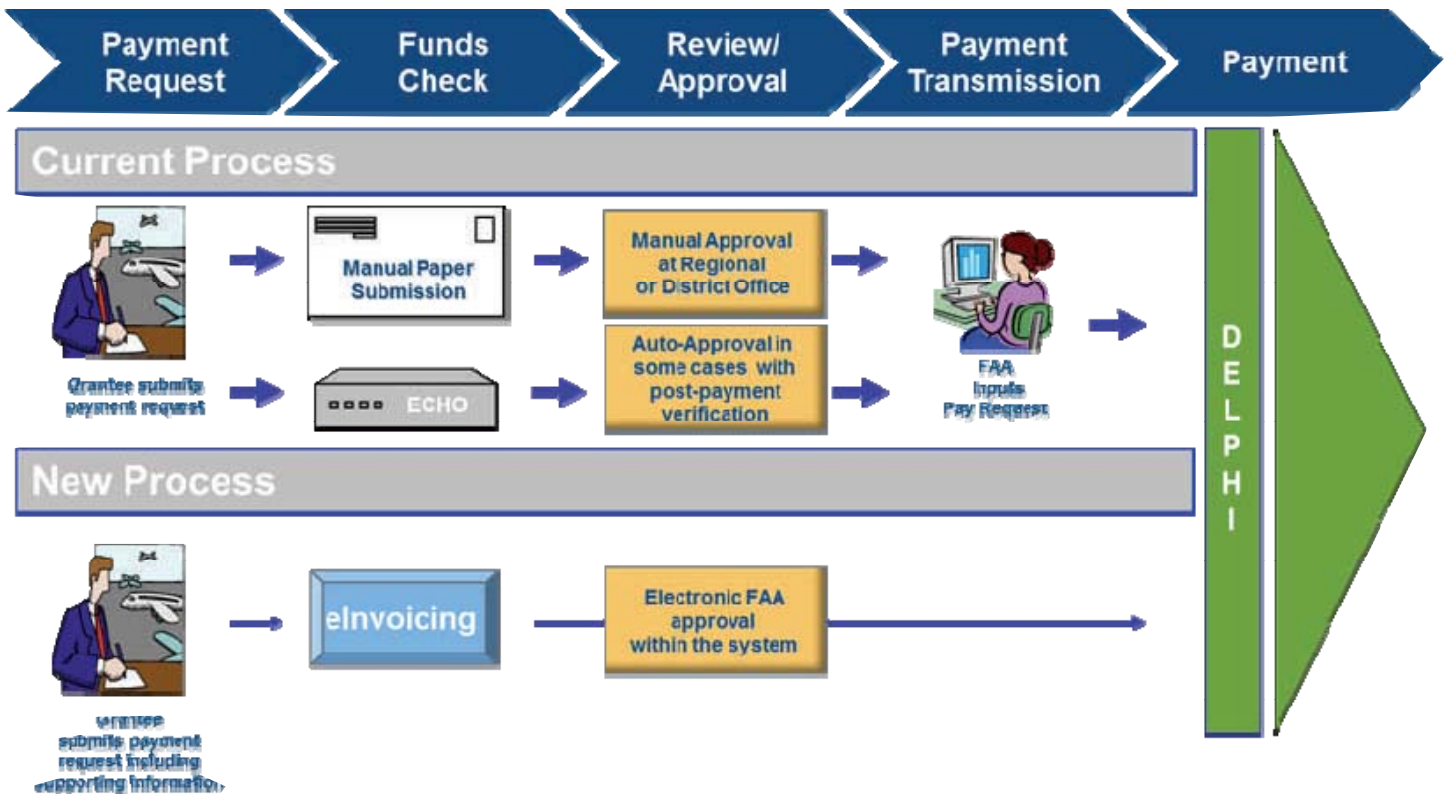
- All sponsors requesting payments through the Electronic Clearing House Operation (ECHO) will be transitioned over to the new Delphi eInvoicing System.
- All sponsors currently submitting paper payment manually through the SF-271 Form will now be required to submit them electronically through Delphi eInvoicing System. The FAA will now perform payment request reviews and approvals electronically in Delphi eInvoicing System.

What are some of the key features of the Delphi eInvoicing system?

- Reduces the manual payment processing time by enabling electronic approvals;
- Allows for upload of payment attachments and embedded SF-270/271 forms;
- Includes automated fund control checks (for partial payments up to 90% of grant offer amount and final closeout payment for last 10% of the grant offer amount);
- Provides real time reporting, tracking and payment status; and
- Creates auto-generated email notifications on all payment approvals and rejections.

What is the new grant payments process?

- All airport sponsors currently requesting payments manually or through ECHO will be required to transition over to the Delphi eInvoicing System, allowing for the elimination of several time consuming steps as outlined below.



How was the Delphi eInvoicing system tested for functionality?

- The FAA recently completed the user acceptance testing with over 30 airport sponsors. During testing, some system access, training, and functional issues were identified and are being addressed before implementation. Things such as pre-populated SF-271 forms, default invoice amounts, and others were valuable feedback provided by sponsor testers. Overall the system functionally performed to expectations during testing.
- DOT developers are planning to provide a pre-test site for all grantees to test prior to full system deployment. Some grantees will have to reconfigure their computer firewall settings (IP address) to access the eInvoicing system.



When will the Delphi eInvoicing system be implemented?

The following implementation schedule is TENTATIVE. Please contact the FAA’s New England Region Airports Division’s Patricia Beckman at 781-238-7611 or Patricia.Beckman@faa.gov for more information.

2012	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Users will receive communication and be instructed to complete the e-authorization process. All users will be required to complete an application, have it notarized, and then return it for review and processing. (All identified users will have to complete this process in order to gain their individual access information.)	[Bar spanning APR to MAY]								
Users complete e-Authentication process	[Bar spanning APR to SEP]								
Begin the pilot program with selected sponsors	[Bar spanning MAY to JUN]								
Deploy system testing <ul style="list-style-type: none"> • FAA Airports User Transition • Phased implementation by ECHO and Non-ECHO users • DOT Help Desk Support available during implementation. 	[Bar spanning APR to DEC]								

Will training on Delphi eInvoicing be available?

- DOT will provide all modes, including FAA, with training materials;
- FAA field Offices will be holding webinars for sponsors with system navigation images and invoices creation simulations and presentations of ARP grant payment policy changes; and
- Training videos, desktop user’s manual, quick reference guide, and FAQs will be made available online.

Where can I find more information on Delphi eInvoicing?

- DOT webpage: <https://www.dot.gov/cfo/delphi-einvoicing-system.html>
- FAA webpage: <https://www.faa.gov/airports/aip/grant-payments/>

Statewide Terminal Building Program

A program designed to meet one of the Statewide Airport System Plan goals of system preservation

By: Thomas Mahoney (Manager of Airport Engineering - MassDOT Aeronautics Division)



In 2010, the Massachusetts Department of Transportation (MassDOT) Aeronautics Division published *The Massachusetts Statewide Airport System Plan*, which was created as a short, medium, and long-term planning and airport development tool to ensure that aviation continues its vital role in the statewide transportation system. Within the Plan the current condition of the airport system was assessed and future needs were acknowledged. Several goals were identified to provide a planning roadmap for airports within the Commonwealth and the goal of preserving our system of airports (System Preservation) helped us identify facilities and services that are needed to maintain the airports and to address the current and future needs of the aviation community. The need to either repair or replace several terminal buildings was identified as a high priority.

Since 2010, MassDOT has completed several System Preservation projects including: a 2010 and 2011 runway crack seal and painting project; embarking on this year's 2012 taxiway repainting project; and anticipating an apron repainting project next year. In addition to the above projects, MassDOT Aeronautics Division is also seeking ways to either repair or replace several terminal buildings.

Our airports are the gateway to Massachusetts and when someone lands at one of our airports, their first impression should be a lasting one. Unfortunately at more than half of the Commonwealth's airports, our terminal buildings do make an impression but not the ones worth remembering. Therefore, the Aeronautics Division is in the process of developing a long term program to provide new buildings at 17 of our airports over the next 10 years.

In an effort to be more economical we thought using modular construction might be an option. To see if this was viable, we visited a new single story double unit modular school building in Hingham that was made in the factory and shipped to the project site for installation. We walked through the building and were pleasantly surprised with the look and feel of the facility; you could not see any seams where the building was put together. We spoke with the project architect, construction manager, and Hingham school officials to help us determine if a modular design could be a good approach for the Commonwealth's terminal building program.

Additionally, we reached out to the Massachusetts School Building Authority (MSBA). This agency was formed by the State Treasurer to assist communities in economically replacing aging school buildings by providing standard designs for elementary, middle and high schools; thereby saving municipalities time and money. We spoke with the MSBA's project managers and did some extensive review of their program and feel that such an approach would be most the most viable option for the Commonwealth's terminal building program.

However, we know that we can't do this alone and will need the help of the airport commissioners, airport managers, and airport tenants and users to decide how best to proceed. We will be contacting you to gather information and to determine overall facility needs. We are just getting started but intend on developing an action plan for the program within the next six months.

We will keep you posted on our progress! ■

The 2012 International Aviation Art Contest

By: Katie Servis (Airport Planner/Environmental Analyst - MassDOT Aeronautics Division)

The Massachusetts Department of Transportation (MassDOT) Aeronautics Division along with the National Association of State Aviation Officials (NASAO), the National Aeronautic Association (NAA) and in cooperation with the Fédération Aéronautique Internationale (FAI) host an annual International Aviation Art Contest. To be eligible for the national judging, students must participate in state-wide art contests and place either first, second or third in three age groupings (Category I, ages 6 to 9; Category II, ages 10 to 13; and Category III, ages 14 to 17).

This year's theme "Silent Flight" was recently judged by the MassDOT Aeronautics Division staff and the 2012 Massachusetts winners are presented in the table on the following page.

All 1st, 2nd, and 3rd place winners received a certificate suitable for framing from the Aeronautics Division. The state winning artwork was forwarded to NASAO in Washington, DC and judged in the national competition. Lewis Hwang, the 1st place state

State Art Contest Winners			
Placement	Category I (Ages 6 - 9)	Category II (Ages 10 - 13)	Category III (Ages 14 - 17)
First	Lewis Hwang Fiske Elementary School - Lexington	Hannah Ryu Fiske Elementary School - Lexington	Shelby Rexroad Plymouth South High School - Plymouth
Second	Rachel Cho Fiske Elementary School - Lexington	Zyz Barber Martin Luther King School - Boston	Maureen Riordan Plymouth South High School - Plymouth
Third	Jidapa Janpathompong Fiske Elementary School - Lexington	Tammy Kelley Hanover Middle School - Hanover	Sheamus Crowley Plymouth South High School - Plymouth

winner for Category I also won a blue ribbon in the national judging. His artwork as well as the other national winning artwork within each age category was forwarded to the FAI for international judging.



The Category I state and national 1st place award winning artwork of Lewis Hwang of Fiske Elementary School in Lexington.

MassDOT along with the support of Barbara Patzner, Airport Manager for Hanscom Field, and June Foster of Jet Aviation, celebrated the imagination of their local students with an event held at the airport for the students, their families and teachers. The event also gave MassDOT the opportunity to talk about airports and career opportunities in the aviation industry with all attendees. It was a great event and a great way to celebrate aviation and the imagination of these students. MassDOT Aeronautics Division would like to say,



Lewis Hwang of Fiske Elementary School in Lexington and his family at the event at Hanscom Field. - photo by Massport.



MassDOT's Steve Rawding instructing one of the Fiske Elementary School students how to fly the simulator. - photo by Massport.

“congratulations” to all students who participated!

The 2013 art contest and theme will be announced in September 2012. ■

Photo Wrap - MassDOT On The Hill Day



On January 31, 2012 the four operating divisions of the Massachusetts Department of Transportation (MassDOT), the Massachusetts Port Authority (Massport) and the Massachusetts Airport Management Association (MAMA) joined forces to reach out to state legislators at the “MassDOT On-the-Hill” event.

Each division had displays on hand highlighting their respective transportation sectors; while MassDOT Aeronautics Division, Massport, and MAMA put on displays at the statehouse highlighting the public-use airports across the Commonwealth and what they have to offer. It was a great event and MassDOT is looking forward to participating next year! ■



MassDOT Secretary and CEO Richard A. Davey speaking at the MassDOT On The Hill Day event.



David S. Mackey, interim CEO and Executive Director of the Massachusetts Port Authority (left) and Christopher J. Willenborg, MassDOT Aeronautics Division Administrator (top right) speak at the event.



Rachel Kaprielian-Registarr, Registry of Motor Vehicles Division (above left), speaks with David S. Mackey, interim CEO and Executive Director of the Massachusetts Port Authority (above center) and Christopher J. Willenborg, MassDOT Aeronautics Division Administrator (above right) at the MassDOT On The Hill Day event.



Upcoming Events

Date	Location/Time	Event
Apr 30 - May 7	Minuteman Airfield (5:30pm)	Full Moon Fly Out Minuteman Airfield’s Full Moon Fly Out is always extended to include a few days before and after for a better chance for perfect weather. These flights are great for introducing friends, co-workers or others to general aviation. Our ‘Go To’ site this month is Spoleto’s in Northampton. Event Contact: Don McPherson 978.621.5122.
May 6	Fitchburg Municipal Airport (8 - 11am)	Breakfast Fly In The Fitchburg Pilots Association (FPA), EAA Chapter 1454 is hosting a breakfast fly-in. Event Contact: Dave Babineau, Vice-President, FPA mailto:davebfly@myfairpoint.net



Upcoming Events Continued...

Date	Location/Time	Event
May 19	New Bedford Regional Airport (10am - 4pm)	Sixth Annual General Aviation Fun Day Please join the Women in Aviation - Atlantic Aviators Chapter, the New Bedford Regional Airport Pilot's Association, and the New Bedford Regional Airport at the 6th Annual General Aviation Fun Day. Admission is free but donations are welcomed. Proceeds for the event will benefit the Atlantic Aviators scholarship fund for area students. Flight demonstrations and airplane rides will be offered (weather permitting). Event Contact: www.atlanticaviators.org/funday .
May 20	Cranland Airport	EAA Colonial Chapter 279 Fly-in Breakfast Chapter 279 holds a pancake breakfast the third Sunday of each month from April to October. Included is an egg, pancakes, Canadian bacon and cheese on an English muffin breakfast sandwich, coffee and orange juice. All that for \$6.00! Only at the 279 breakfast fly-ins!! Event Contact: http://www.eaa279.org/279breakfast/breakfast.htm .
Jun 16	Taunton Municipal Airport (10am - 3pm)	14th Annual Open House and Neighborhood Appreciation Day Activities planned include: free airplane rides; display of new and unusual military and vintage aircraft; military land vehicles; fire and police department apparatus and equipment; sheriffs department equipment and police dog exhibition; Civil Air Patrol Mobile Communications/Rescue Unit; and a local mobile aircraft club flying their model helicopters in the front field and more. There will be entertainment, rides for the kids (Moon House), food (hotdogs, hamburgers, etc.) and soft drinks available. Event Contact: Dan Raposa airportdjr@aol.com



Hey there! MassDOT is using Twitter, Flickr, and the MassDOT blog to stay in touch. Find out what is happening at MassDOT by clicking on the links below or by typing the URL into your web browser:



www.twitter.com/massdot
www.flickr.com/massdot
www.mass.gov/blog/transportation



We're on the web!

www.mass.gov/massdot/aeronautics

Send suggestions for stories to:
katie.servis@state.ma.us
 Next newsletter - May/June 2012

Published bimonthly
 Massachusetts Department of Transportation
 Aeronautics Division
 Logan Office Center
 One Harborside Drive
 Suite 205N
 East Boston, MA 02128
 617-412-3680
www.mass.gov/massdot/aeronautics
 Send suggestions for stories or comments to:
katie.servis@state.ma.us or
 617-412-3690