Sixty Never Looked So Good: ATCA Celebrates its 60th Annual & CMAC!

What began six decades ago as a group of air traffic controllers who wanted more out of the industry – they made it their mission to progress the science of air traffic control and preserve a safe flight environment – has grown into the ATCA of today, where innovation and collaboration converge at the largest ATC conference and exposition in the Americas. The Gaylord Resort and Convention Center in National Harbor, Maryland, is the place to be on November 1–4. Experience diverse exhibitors, a wide range of speakers, and a broad spectrum of federal and international participants and aviation stakeholders.

Get the most out of your time at ATCA by utilizing the 60th Annual agenda program tracks. For each panel, keynote address, and free education presentation, there is a corresponding track (visit page 2 to view the tracks). Interested in a specific subject matter? This new feature will ensure you don’t miss a thing!

Once again, the 60th ATCA Annual Conference and Exposition is co-located with the Civil/Military Aviation Conference (CMAC) – all under one roof, for one price. The Annual is three full days of presentations, seminars, networking opportunities, and exhibits with the participation of internationally recognized experts in the ATC/ATM industry. CMAC, the world’s largest civil/military air traffic management summit, takes place simultaneously. The event provides a forum for senior civil and military leaders from throughout the world to explore plans for civil and military collaboration.

This year, the ATCA Annual is doubling its educational programming in the Exhibit Hall. ATCA will feature three FREE presentation theaters: General Dynamics (including AeroMACS 2015), Aireon Fly-By, and SWIM Connect. Aviation professionals from more than 40 countries throughout the world use this platform to present research findings, new products, and dialogue about the latest topics in air traffic management.

Of course, many features of the ATCA Annual haven’t changed. The Exhibit Hall is still FREE to visit every day, packed with more than 100 exhibiting companies, government agencies, and NGOs. In general sessions, the following Keynote Speakers will be featured:

- David Vos, Head of Google [X] Project Wing
- Ludwig Decamps, Director, Armaments and Aerospace Capabilities, North Atlantic Treaty Organization (NATO)

In addition to the in-depth programming that ATCA offers, the 60th Annual also leaves time to celebrate. Don’t miss the Welcome Reception in the Exhibit Hall on the evening of Monday, November 2. ATCA will also host a Membership Breakfast and New Member Welcome on Tuesday, November 3.

In addition, it’s still convenient to get to the conference from Washington, D.C. A free shuttle will run a loop between FAA Headquarters (FAA FOB10A at 800 Independence Avenue, SW) and the Gaylord every 30 minutes starting at 7:30 a.m. each day (see page 9 for a full shuttle schedule). A reduced parking price is available on-site if you prefer to drive to the event; ask

Continued on page 12

New This Year!

- **Agenda Program Tracks**: For each panel, keynote address, and free education presentation, there is a corresponding track (listed on page 2).
- **NextGen Partner Program** (view page 3 for more info; page 7 shows participating exhibitors)
- **Three FREE Presentation Theaters**, including new AeroMACS 2015 (presented by WiMAX) – page 8
- **UAVs on Display** outside the Exhibit Hall – watch them in flight (page 9)
- **ENGAGE: ATCA Tower Talks** – Listen to short presentations by some of the best and brightest young professionals – Wednesday, November 4 at 10 a.m. (Aireon Fly-By Theater)
- **Visit with Tuskegee Airmen** – Wednesday, November 4, 12 2 p.m. at the ATCA Booth (#451)
- **Book Signing**: Art of the Airport Tower - Monday, November 2 from 10 a.m. – 2 p.m. in the Exhibit Hall (Booth #450)
- **Download our Mobile App!** Look for it in your app store, at Google Play, or visit www.atca.org/60app.
### Monday, November 2

8 - 9 a.m.  
**Welcome Coffee**  
Maryland Ballroom Foyer  
Sponsored by: noblis

9 - 9:30 a.m.  
**U.S. Secretary of Transportation Anthony Foxx**  
Maryland Ballroom A/C

9:30 - 10 a.m.  
**Opening Session**  
Maryland Ballroom A/C  
Peter F Dumont, President & CEO, ATCA

9:30 a.m. - 7 p.m.  
**Exhibit Hall Open**  
Prince George’s Exhibit Hall D/E

10 - 11 a.m.  
**Break with Exhibitors**  
Prince George’s Exhibit Hall D/E

11 a.m. - 12 p.m.  
**Keynote Address:**  
David Vos, Google  
Maryland Ballroom A/C

12 - 2 p.m.  
**Awards Luncheon**  
Maryland Ballroom B/D

2 - 3:15 p.m.  
**Remote Towers: What Have We Learned?**  
Maryland Ballroom A/C  
Moderator: Rudy Keller, NAV Canada  
Speakers: Patrik Peters, IFATCA  
Keith McCrea, Virginia Department of Aviation  
Kieron Hefflin, NATCA  
Klaus-Dieter Scheule, DFS  
Simon Hocquard, NATS

3:15 - 4:00 p.m.  
**Break with Exhibitors**  
Prince George’s Exhibit Hall D/E  
Sponsored by: JMA

4 - 4:30 p.m.  
**Keynote**  
Ludwig Decamps, Director Armaments and Aerospace Capabilities, NATO  
Maryland Ballroom A/C

4:30 - 5:30 p.m.  
**Performance Equivalence and Operations Over the High Seas**  
Maryland Ballroom A/C  
Moderator: Edgar Wright, DOD

5:30 - 7 p.m.  
**Welcome Reception**  
Prince George’s Exhibit Hall D/E  
Sponsored by: METRON AVIATION

### Tuesday, November 3

7:30 - 8:30 a.m.  
**Welcome Coffee**  
Maryland Ballroom Foyer  
Sponsored by: CCI

7:30 - 8:30 a.m.  
**Members Meeting and Breakfast**  
Maryland Ballroom B/D

9 a.m. - 5 p.m.  
**Exhibit Hall Open**  
Prince George’s Exhibit Hall D/E

8:30 a.m. - 8:45 a.m.  
**Keynote Address:**  
Maryland Ballroom A  
Neil Planzer, Vice President, Boeing Airspace Solutions, ATCA  
Chairman

8:45 - 10 a.m.  
**UAS in the NAS: Insights in Navigating the Regulatory and System Operations of the Air Traffic Controlled Airspace**  
Maryland Ballroom A  
Moderator: Steve Pennington, DOD  
Speakers: John McGraw, John McGraw Aerospace Consulting  
Dan Williams, FAA  
Giorgio Cioni, NATO  
Dallas Brooks, FAA  
Steve Weidner, NATCA
**General Dynamics Theater**

**Monday, November 2**

**10:00 - 10:45 a.m.**

**Remotely Piloted Air System (RPAS)**

Speaker: Glyn Owen, CGH Technologies

**11:45 a.m. - 12:30 p.m.**

**Inmarsat ADS-C and Global Flight Tracking**

Speaker: Joseph Teixeira, Inmarsat

Inmarsat has played a leading role in evaluating the use of existing satellite surveillance and communication technology to meet ICAO’s global flight tracking requirements. Using ADS-C and CPDLC - in partnership with Airservices Australia - an evaluation has just been completed; it has exceeded all expectations and fully validates that existing satellite technology is a cost-effective and safe means for airlines and ANSPs to achieve ICAO’s recommendations. Inmarsat’s next-generation 14 satellites are now offering higher speed, highly secure, and stable satellite surveillance and communications to meet global flight tracking and new high-speed data applications.

**1:00 - 1:30 p.m.**

**1st Place Proceeding Paper Learning Aircraft Behavior From Real Air Traffic**

Speakers: Arcady Bantra, Eric Maesen, Sébastien Chabrier, Marie-Pierre Gleizes, Sophia Steria, Toulouse, France

SMAC Team, Paul Sabatier University, IRIT, Toulouse, France

**2:00 - 2:30 p.m.**

**Remote Towers: Next Generation Tower Operations**

Speaker: Markus Kroepf, Frequentis

The concept of Remote Towers is becoming an operational reality with deployments planned by ANSPs in various countries. In addition, larger airports now consider remote tower technologies as a viable concept, not just to save costs but also to improve safety. The Frequentis Remote Tower Solution builds upon the vast experience of Frequentis in the area of mission critical control rooms and provides a highly reliable solution built to improve the operational performance of ATC operations.

**2:45 - 3:15 p.m.**

**Improving Traffic Flow in the UK Through Extended Arrival and Departure Scheduling and Metering**

Speaker: Thomas Günther, Harris Corporation

This presentation summarizes how Harris’ OSYRIS AMAN/DMAN helps air traffic controllers optimize traffic flows in the London Terminal Control Area (TMA) and across the UK airspace. It will also show how AMAN sequencing and metering supports efficient delay absorption by allowing aircraft to fly with fuel-efficient speeds to the agreed metering fix. This session will provide examples of how Harris’ OSYRIS solutions have helped reduce fuel burn and save airlines 1.4 million USD and help optimize airport traffic at one of the world’s busiest airport runways.

**3:30 - 4:15 p.m.**

**Developing Future Concepts with Data from NextGen NAS**

Speaker: Phillip Holmer, GDTI

NextGen’s successes include expanded availability and access to NAS data, opening opportunities for new commercial services and insight into the NAS operations and performance. Through simulation, for example, including data visualization techniques, NAS data can be assessed to develop aviation R&D concepts while supporting validation practices. This session will focus on opportunities for applying NextGen data to future NAS concepts.

Continued on page 8

**Exhibit Hall Theater Schedules**

**Tuesday, November 3**

**10:00 - 10:45 a.m.**

**Subject: The Move to Managed Services**

Speakers: Experts from across the ATM Industry

Globally, Air Traffic Management Systems are undergoing transformation. Initiatives such as NextGen and SESAR are focused on enabling new capabilities, improving efficiencies, and modernizing aging infrastructure. With several programs in process, and more anticipated in the coming years, these initiatives create an ideal opportunity to consider the advantages that can be delivered using a Managed Services approach rather than traditional procurement models. Managed services can play a significant role in reducing total cost of ownership, extending capabilities, and providing service life beyond those supported by traditional procurement models. This panel will offer a look into Managed Services being deployed today in the U.S. and internationally, lessons learned, and cost savings and best practices realized.

**ATCA Today**

**FAA Debuts NextGen Partner Program: Phases of Flight Exhibit at 60th ATCA Annual**

A TCA and the FAA are partnering with NextGen vendors exhibiting at the upcoming 60th ATCA Annual to launch a new “Phases of Flight” exhibit that will clearly demonstrate NextGen technology and procedures.

The Phases of Flight exhibit will show conference attendees, stakeholders, partners, and industry the positive impact NextGen is having on the National Airspace System (NAS). The FAA’s goal is to show how all its valued partners and stakeholders are delivering NextGen now from gate-to-gate. By connecting NextGen technology to service delivery, the FAA is sending a clear message that NextGen is now – everywhere – making a substantial difference in the daily operations of the entire NAS.

The success of government-industry collaboration in building NextGen will be demonstrated throughout the exhibition. The FAA has worked closely with industry to establish priorities and deliver results. Four programs have been successfully executed – Data Communications, Performance Based Navigation, Improved Multiple Runway Operations, and Surface Operations – primarily because of unprecedented collaboration between the FAA and its major stakeholders.

Pilots, controllers, airports, airlines, general and business aviation, and manufacturers – all these stakeholders play an integral part in NextGen. This collaboration has been the key to the success in completing the foundational infrastructure for NextGen, and in ensuring that these programs deliver significant benefits to the NAS and industry now and in the future.

Attendees visiting the conference tradeshow floor will get an excellent demonstration of the FAA’s investment in NextGen and the significant benefits that have already been delivered. The level of partner representation will be clear and reiterate that NextGen is not something that will happen in the future. The foundation of NextGen is in place and the benefits are being realized today.

The FAA has quantified $1.6 billion in benefits to airlines and the traveling public from NextGen capabilities already in place. Over the next 15 years, these NextGen improvements will produce an estimated additional $11.4 billion in benefits. Once all currently planned programs are in place, the FAA expects NextGen to deliver $134 billion in direct airline, industry, and societal benefits through 2030. This includes savings in fuel, airline crew and maintenance costs, efficiencies realized through FAA programs such as System Wide Information Management (SWIM), environmental savings and time savings for passengers.

As the FAA moves ahead with NextGen implementation, it will require even greater collaboration on the part of industry stakeholders. This collaboration will ensure that NextGen moves forward, providing benefits now and laying a foundation for expansive future NextGen capabilities.

In addition to the new Phases of Flight exhibit, Department of Transportation Secretary Anthony Foxx will deliver the keynote address at the opening of the conference Monday morning. FAA Administrator Michael Huerta, Deputy Administrator Michael Whitaker, ATO Chief Operating Officer Teri Bristol, Associate Administrator Margaret Gilligan, Assistant Administrator for NextGen Ed Bolton, and other FAA executives will also take part in the conference.
Tuesday, November 3

Continued from page 2

10 – 10:30 a.m.
Break with Exhibitors
Prince George’s Exhibit Hall D/E

10:30 – 11 a.m.
A Conversation with Administrator Huerta and Pete Dumont
Maryland Ballroom A

Moderator:
Gerald Dillingham, GAO
Speakers:
Vinny Cappezzuto, Aireon
Carl Burleson, FAA
Joe Bertapelle, JetBlue
Tyler Duvall, McKinsey
David Melcher, AIA

11 a.m. - 12:15 p.m.
Private-Public Partnership
Maryland Ballroom A

Moderator:
Gerald Dillingham, GAO
Speakers:
Vinny Cappezzuto, Aireon
Carl Burleson, FAA
Joe Bertapelle, JetBlue
Tyler Duvall, McKinsey
David Melcher, AIA

11:15 a.m. - 12:15 p.m.
Fostering the Future of Aviation
Maryland Ballroom C

Moderator:
Katie Kondu, Noblis
Speakers:
Mike Greco, FAA
Ariel Scheirer, Ascent Consulting
Rocio Freijeitale, CSSI, INC
Kyrandgel Rios, NATCA

12:15 - 1:30 p.m.
Lunch
Maryland Ballroom B/D

1:30 - 2:45 p.m.
Acquisition Panel
Maryland Ballroom A

Moderator:
Jim Eck, FAA
Speakers:
Cindy Rooney, FAA
Nathan Tash, FAA
Anthony Palladino, Office of

3:30 - 4:45 p.m.
Data Centric/NAS Weather
Maryland Ballroom C

Moderator:
Natesh Manikoth, FAA
Speakers:
Mike Ball, Northrop Grumman
Abby Smith, FAA
Mel Davis, NATCA
Bram van der Ploeg, NetJets
Tim Stull, American Airlines

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3:45 - 5 p.m.  
**Future of Collaboration**  
Maryland Ballroom A  

**Moderator:**  
Marc Warren, Crowell & Moring LLP  

**Speakers:**  
Dan Allen, FedEx  
Tim Campbell, American Airlines  
Trish Gilbert, NATCA  
Gina Marie Lindsey, Former Executive Director, Los Angeles International Airport  
Dan Smiley, FAA  
John Hickey, FAA

**Tracks:**  
- Safety  
- YAP  
- Technology

11:15 a.m. - 12:30 p.m.  
**Global Interoperability**  
Maryland Ballroom C  

**Moderator:**  
Todd Donovan, Thales

**Speakers:**  
Melissa Rudinger, AOPA  
Mark Hopkins, Delta  
David Weingart, GRA

**Tracks:**  
- CMAC  
- Privatization  
- Safety  
- Technology

12:15 - 2:00 p.m.  
**Lunch with Exhibitors**  
Maryland Ballroom B/D

1:45 - 3 p.m.  
**Where the Rubber Meets the Runway**  
NextGen Priority - Airports Surface Operations and Safety  
Maryland Ballroom C  

**Moderator:**  
Mike O’Donnell, FAA  

**Speakers:**  
Ric Loewen, NATCA  
Nino Sapone, Pittsburgh International Airport

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**Wednesday, November 4**

7:30 - 8:30 a.m.  
**Welcome Coffee**

8:30 - 9 a.m.  
**Keynote Address:**  
State of the ATO  
Maryland Ballroom A  
Teri Bristol, Chief Operating Officer, ATO, FAA

9 a.m. - 3 p.m.  
**Exhibit Hall Open**  
Prince George’s Exhibit Hall D/E

9 - 10:15 a.m.  
**Privatization Debate**  
Maryland Ballroom A  

**Moderator:**  
Stephen Van Beek, ICF International  

**Speakers:**  
Peter Challan, Harris Corporation  
David Grizzle, Dazzle Partners, LLC  
Bob Poole, Reason Foundation  
Paul Rinaldi, NATCA  
Ed Bolen, National Business Aviation Association  
Mark Baker, Aircraft Owners and Pilots Association

**Tracks:**  
- Privatization

10 - 11 a.m.  
**Break with Exhibitors**  
Prince George’s Exhibit Hall D/E

11 a.m. - 12:15 p.m.  
**Optimizing the Footprint of the NAS**  
Maryland Ballroom A  

**Moderator:**  
Michael Whitaker, FAA  

**Speakers:**  
Mike Perrone, PASS  
Lynn Ray, FAA

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**Tracks:**  
- CMAC  
- Privatization  
- Safety  
- Technology

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Art of the Airport Tower is a photographic journey to airports in the U.S. and around the globe. Smithsonian photographer Carolyn Russo traveled to 23 countries and photographed 85 historic and contemporary air traffic control towers to explore their varied forms and functions. This impressive undertaking culminated in this companion book to an exhibition opening at the Smithsonian’s National Air and Space Museum in November 2015.

Russo’s photographs make these ordinary structures extraordinary: she elevates them beyond aviation artifacts and transforms them into monumental abstractions, symbols of cultural expression, and testimonies of technological change.

Often the first impression travelers have when they reach a new destination is the tower, and each tower tells a unique and important story about its airport, community, and culture. Visitors to the Stockholm-Arlanda Airport in Sweden are greeted by two lookout points perched like birds at the top of the control tower to evoke protective ravens from Nordic mythology. The crescent-shaped tower at the Abu Dhabi International Airport resembles the sail of a dhow boat to emphasize the area’s proud maritime heritage. Historic towers, such as the Ford Island Tower that withstood attacks on Pearl Harbor, provide a glimpse into earlier aviation eras and call for their preservation. Collectively these towers represent many countries and cultures. They play a pivotal role in the vast network of air traffic control technology that brings people of the world closer together.

Russo’s striking photographs and informative captions reveal the architectural, cultural, and technological significance of each of the featured towers. An introduction by Smithsonian commercial aviation expert F. Robert van der Linden tells the history of airport towers to contextualize Russo’s work. Art of the Airport Tower is a one-of-a-kind book that will forever change the way you fly.

About the Author
Carolyn J. Russo has worked at the National Air and Space Museum since 1988 as a staff photographer and as a museum specialist in the Aeronautics Division with the National Air and Space Museum art collection. She is the author of Women and Flight: Portraits of Contemporary Women Pilots, Artifacts of Flight, and In Plane View: Abstractions of Flight. Her photographs have been widely exhibited in both solo and group exhibitions in the United States, Finland, and China.

Can’t Miss Event: Get Your Signed Copy of Art of the Airport Tower on Monday, November 2

Visit Sunhillo at booth 601 to see the release of our latest product, the RICI 5000. The Next Generation of our extremely successful RICI 4500 radar data distribution and conversion product. MPS Version available.

*RICI 5000 dual mount
**Exhibit Hall Hours**

**Monday, November 2**
9:30 a.m. - 7:00 p.m.

**Tuesday, November 3**
9 a.m. - 5 p.m.

**Wednesday, November 4**
9 a.m. - 3 p.m.

Exhibit Floor Plan & List

Prince George's Exhibit Hall D&E

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(NextGen Partners in Orange. Exhibitor Descriptions as of October 22)
Speaker: Biff Schied, CGH

With more than 60 percent of delays caused by weather-related factors, there is a significant need for common situational awareness when developing effective strategies for mitigating risks posed by meteorological and other natural hazards on aviation. Metron Aviation has developed a web-based weather translation service called Network Weather Resilience, which combines ensemble weather forecasts with a look-ahead horizon of 0-48 hours and applies weather translation models to identify the capacity impact of the weather. By doing so, we can display weather impact risks and associated alerts to users. The session is based on the Network Weather Resilience capability, which is currently under operational trial since March 2014 at EUROCONTROL by the Network Manager in Brussels.

1:00 – 1:30 p.m.
2nd Place Proceeding Paper Standards for Data Quality Assurance in ATM Modernization Initiatives
Speaker: Aleksandar Balaban, m-aviak.aero

Charles Chen, Skymantics, LLC

2:00 – 2:30 p.m.
SWIM User Experience
Speaker: Nadine Alameh, Snowflake Software Inc.

There’s no denying that, because of SWIM, there’s a growing market of consumers in the Aviation industry who are eager to get their hands on data from SWIM (both in the US and in Europe). Indeed, SWIM is quickly creating an open market making data more of a commodity because it’s provided to consumers via standard formats and mainstream IT protocols. In this talk, Snowflake Software will share its experience in using data from SWIM Data feeds from the perspective of a data exchange business that is benefiting from the open exchange environment enabled by SWIM. In particular, the talk will cover successes and challenges in consuming the variety of data available as AIXM, WXMM and FIXM, and their extensions.

3:00 – 4:00 p.m.
Space-Based ADS-B: Optimizing the North Atlantic by 2018
Speakers: Vincent Capezzuto, Vice President of Engineering and CTO, Aireon; Peter Kearney, Director ATM Operation and Strategy, Irish Aviation Authority; Cyril Kronenburg, Vice President, Aireon; Larry Lachance, Vice President of Operations, NAV CANADA

Today, over 70% of the world’s airspace is unsurveilled resulting in significant inefficiencies for global aviation. Aireon’s space-based ADS-B system will provide 100% global surveillance to all aviation stakeholders. Attend this presentation and learn how the Aireon system works, why ANSPs like the Irish Aviation Authority and NAV CANADA decided to support this next-generation technology, the scope of the FAA agreement with Aireon and how space-based ADS-B will increase overall efficiency, reduce separation and lower fuel burn in your airspace.

4:30 – 4:50 p.m.
Employer Brand Recognition: Through College Partnership: Benefits of Hiring Recent College Graduates
Speaker: Moranda Reilly

Tuesday, November 3
10:00 – 10:20 a.m.
Avoiding Controlled Flight into Terrain in Mountainous Areas
Speaker: Lindsey Deutsch–University of Alaska Anchorage

10:30 – 10:50 a.m.
Metron Aviation

11:00 – 11:20 a.m.
Picking the Right Remote Tower Partner
Speaker: Pat Urbanek, Remote Tower Specialist, Searidge Technologies

No two airfields are the same, so why confine your operation to a solution that can’t support your specific needs? ANSPs and Airports that are serious about implementing remote tower services need to work with a technology partner who is as flexible, as their operation is unique. The right Remote Tower partner encourages its customers to customize any aspect of their remote tower solution to best support adoption and regulatory hurdles they will face. Hear from our remote tower specialist about the benefits of adopting an open technology platform and how it is being used by ANSP and airports around the world.

11:30 – 11:50 a.m.
CHI for the Next Generation of ATM
Speaker: Jim Cozens, Frequentis

An armoury of new systems is in production to meet the challenges of next generation ATM but nobody wants to wake the sleeping dog called CHI. It’s just easier to let it lie. But new automation simply can’t work unless we re-assess the relationship between the systems and controllers to release the potential benefits from these remarkable tools. It’s time to roll up our sleeves and figure out a better way to get the best from our people and our technology. Let’s talk about how we can do that.

1:00 – 1:30 p.m.
DJI

2:00 – 2:20 p.m.
Test and evaluation Practices for Complex Systems of Systems
Speaker: Bruce Normann, CSSI Inc.

Test and evaluation (T&E) practices for complex Systems of Systems (SoS) have evolved over time to cope with the scale and scope of these systems, but reliable methods for detecting emergent behavior have remained elusive. Recognizing the large number of known unknowns and the unknown unknowns that accompany any major change to a SoS, a great deal of Operational T&E is conducted on National Airspace Systems (NAS) before they are certified and deployed. Emergent behavior is one category of the unknown unknowns, and is a widely-studied topic in Systems Engineering. Emergent behaviors commonly arise in dynamic open complex adaptive systems, where unpredicted systemwide behavior develops from self-
UAVS on Display!

Go out the first double doors on the right side of the Exhibit Hall to see the UAVs in action!

Shuttle Bus Schedule

November 2, 3, 4
Departures From FAA
(with access to L’Enfant Plaza Metro)
FAA FOB10A from the C Street side of the building to Gaylord Hotel

7:30 A.M.
8:00 A.M.
8:30 A.M.
9:00 A.M.
9:30 A.M.
10:00 A.M.
10:30 A.M.
11:00 A.M.
11:30 A.M.
12:00 A.M.
12:30 P.M.
1:00 P.M.
1:30 P.M.
2:00 P.M.
2:30 P.M.
3:00 P.M.
3:30 P.M.
4:15 P.M.
4:45 P.M.
5:30 P.M.
6:15 P.M.

November 4 Only:
Last Shuttle Departs at 3:00 P.M.

Departures From
Gaylord National Harbor
Gaylord Hotel Resort & Convention Center (*Returning to FAA FOB10A)
Depart from: Porte-cochere off Maryland Ballroom Foyer

8:15 A.M.
8:45 A.M.
9:15 A.M.
9:45 A.M.
10:15 A.M.
10:45 A.M.
11:15 A.M.
11:45 A.M.
12:15 P.M.
12:45 P.M.
1:15 P.M.
1:45 P.M.
2:15 P.M.
2:45 P.M.
3:15 P.M.
3:45 P.M.
4:15 P.M.
4:45 P.M.
5:15 P.M.
5:45 P.M.
6:30 P.M.
7:00 P.M.
7:30 P.M.

November 4 Only:
Last Shuttle Departs at 4:30 P.M.

WORD TRAFFIC
Will ATCA’s Word Jumble Stump You?

There are 30 ATCA sponsors and air traffic control related words in this puzzle. They may be diagonal, vertical or horizontal, in any direction. Circle them in the puzzle as you find them.

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*See solution on next page*
Sid Koslow Honored with 2015 Glen A. Gilbert Memorial Award

The Air Traffic Control Association (ATCA) will present one of aviation’s premier awards - the Glen A. Gilbert Memorial Award - to 2015 winner Sidney (Sid) Koslow, Vice President and Chief Technology Officer of NAV CANADA, Canada’s Air Navigation Service Provider. Koslow will be honored by ATCA and the industry on November 4, 2015, at the Glen A. Gilbert Memorial Banquet – a capstone to the historic 60th ATCA Annual.

“Sid Koslow truly embodies the spirit of the Gilbert award,” said Neil Planzer, ATCA’s Chairman. “He has been an agent of progress through multiple roles and organizations, and has made a lasting impact on a global level through innovation and professionalism. ATCA is proud to include Sid in its history books as an extremely deserving recipient of this award.”

About Mr. Koslow
Koslow successfully led NAV CANADA into uncharted territory in his 18 years there, establishing a new model for the design, development, and deployment of air traffic management systems, a breakthrough which has spearheaded the modernization of the Canadian air navigation system. Prior to his role at NAV CANADA, Koslow spent 30-plus years at The MITRE Corporation.

The Industry Responds
“Sid’s experience and expertise has been an invaluable asset to NAV CANADA, and we have benefitted from his technology leadership and commitment to innovation. This prestigious award is well-deserved and I’m very glad to see Sid recognized for his stellar career and numerous contributions to the aviation industry.”
—John Crichton, President and CEO, NAV CANADA

“It has been my pleasure to be Sid’s colleague for many years, benefiting from his technical knowledge and his focus on the customer. He succeeds by getting key stakeholders involved and concentrating on solutions that solve customer problems. He brings to the table a unique combination of experience, knowledge, and a commercial and customer orientation, which have been the key to the successful implementation of safe and effective technology solutions.”
—Morten Dambæk, CEO, NavAir

About the Gilbert Award
The Glen A. Gilbert Memorial Award was most recently awarded to Metron Aviation President Monte Belger in 2014, and boasts other recipients including former FAA Administrators such as The Hon. Jane Garvey and The Hon. Najeeb Halaby; Captain Elrey B. Jeppesen; former Transportation Secretary Norman Mineta; and Pilot A. Scott Crossfield.

The award—ATCA’s highest honor—honors the outstanding, long-term achievement of an individual in the aviation field.

It is named after Glen A. Gilbert (1913 – 1982), the “father of air traffic control” and writer of the first ATC manual. A full list of past recipients can be found at www.atca.org/GlenGilbert.

This year, the Glen A. Gilbert Memorial Banquet honoring Sid Koslow will be held the evening of Wednesday, November 4, 2015 (reception from 6 – 7 p.m.; banquet dinner from 7 – 9 p.m.). Full conference attendees at the 60th ATCA Annual Conference and Exhibition receive a banquet ticket with their purchase. Tickets are also sold individually or by corporate sponsored table and can be purchased by contacting Mindy Soranno: +1 703 299-2430 or mindy.soranno@atca.org.
The Federal Aviation Administration (FAA) Office of Next Generation Air Transportation System (NextGen) and the System Wide Information Management (SWIM) Program Office collaborated with aviation industry teammates to create the first-ever FAA SWIM Interactive Developer Workshop, held on September 22-24, 2015, at the Florida NextGen Test Bed in Daytona Beach.

This educational, two and a half day event utilized open data sharing through the FAA’s SWIM Network, allowing for software developers and engineers from organizations of all sizes to work hands-on with air traffic data. Over 40 participants from all over the world attended, with the goal to get connected to SWIM and show how they can create, collaborate, and innovate.

“Giving developers the opportunity to work closely with subject matter experts from the FAA highlighted some of the great capabilities SWIM has to offer” said Joseph Lahoud, Implementation Lead for the SWIM Program. “The program isn’t just an infrastructure, but a tool that can be used by the FAA and industry partners to create efficiencies, reduce costs, and improve the NAS for the future.”

Unlike similar events, the SWIM Interactive Developer Workshop focused on an interactive format, collaborating in small groups rather than a series of presentations. Instead of a standard Federal Overview, each data type was quickly dissected in front of participants and worked on in phases. Developers were able to work at their own pace and ask questions at-will to designated subject matter experts per each kind of data, or how to use the SWIM network itself.

On the morning of the third day, each participant group was given the opportunity to share how they incorporated SWIM data into their application. Some also shared what they did with a client application that was made available by industry partner, Snowflake Software. The submissions ranged from weather overlays to Traffic Flow Management displays. Teammates quickly got into the collaborative spirit and shared how they could work together with aviation data that will be available to them in the future.

The SWIM Interactive Developers Workshop tapped into the collaborative spirit of open data sharing and intra-organizational creative problem solving, all with a common goal: to better enable safe, efficient air travel. As the event came to a close, comments such as “why didn’t we bring more developers?” and “when can we get access to all of this operationally?” were echoed around the room.

SWIM will also be featured at this year’s 60th ATCA Annual Conference and Exposition. Visit SWIM Connect 2015 in the Exhibit Hall at the Gaylord National Resort & Convention Center on November 2-4, 2015. The three-day event will feature FAA and industry speakers and demonstrations showcasing SWIM technology and capabilities. More information can be found at www.faa.gov/nextgen/swim.
Theater Schedule  
Continued from page 8

organizing interactions among components.
This discussion examines the question of how T&E practices can be expanded to more effectively detect and capture emergent behaviors in the NAS, using the latest tools and techniques and leveraging NextGen infrastructure investments like System Wide Information Management (SWIM).

3:30 – 3:50 p.m.
Using Social Media to Propel Your Networking Reach
Speaker: Andrew Brigida, Arizona State University
Wednesday, November 3
10:00 – 11:00 a.m.
ATCA Presents ATCA ENGAGE: Tower Talks with Young Aviation Professionals
12:30 – 12:50 p.m.
The Power of Airport Analytics
Speaker: Mr. Chris Brinton, President of Mosaic ATM, Inc.
Description: Mosaic ATM will show and discuss components of the Mosaic Analytics Suite, a capability that uses SWIM and other data to perform both real time and post operational analysis. The Mosaic Analytics Suite provides visualization with a high resolution graphical representation of the analysis results, as well as interactive dashboards facilitating additional analysis and understanding. The capability can show the whole NAS or be as granular as operations at one specific airport. Come and hear Chris Brinton, President of Mosaic, discuss this opportunity to enhance analytics and understanding of operations in the NAS.

1:00 – 1:30 p.m.
DJI
2:00 – 2:20 p.m.
Financing Aviation Colleges
Speaker: Mark Cianni, Community College of Baltimore County

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the ATCA registration desk for a discount validation card.
To register as an Exhibit Hall visitor (and receive free access to the exposition and presentation theaters) go to: www.atca.org/RegisterAnnualConference and select Complimentary Exhibit Visitor. If you are registered as a full conference attendee, you will receive:
• Three days and two events worth of conference content with panel sessions led by industry executives and government officials.
• Drink tickets at the After Hours networking reception.
• Three networking power lunches.
• Coffee and snack breaks to meet your soon-to-be business partners.
• A ticket to the 2015 Glen A. Gilbert Memorial Award Banquet, honoring Sid Koslow for his dedication to the ATM community (read more on page 10).
Don’t miss out! Get inspired and make connections at the 60th ATCA Annual and CMAC. If you have any questions, or need assistance registering, contact the ATCA office at +1 703-299-2430 – we are happy to help.