FAA DRONE SYMPOSIUM

AAM™ SUMMIT

PROGRAM

The Baltimore Convention Center

FAA Drone Symposium: August 1-2, 2023

AAM Summit: August 2-3, 2023

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FAA DRONE SYMPOSIUM | AAM SUMMIT™

GENERAL INFORMATION

Registration Hours

Tuesday, August 1 ..... 0700 – 1700
Wednesday, August 2 ..... 0700 – 1700
Thursday, August 3 ..... 0700 – 1600

The registration area will also serve as the main location for all lost and found items.

Badges

FAA Drone Symposium/AAM Summit badges identify you as a paid registrant. Badges are required for entry into all conference functions. All passes include the following:

- All Symposium/Summit Programming
- Releasable Proceedings
- Networking Beverage Breaks and Lunches

Social Media Hub

Film a video, take a selfie and share your post! Swing by the FAA Social Media Hub, located in the foyer across from Room 336, and see how the FAA Drone Symposium and AAM Summit programs are being amplified around the world on various digital platforms. Don't forget to use the official hashtags in all of your social posts, **#FAADroneSymposium** and **#AAMsummit**.

TIME TO

ACCELERATE

FAA DRONE SYMPOSIUM

PROGRAM

PROGRAM

AUGUST 1

0700-1700

Registration Open ..... Ballroom Foyer, Level 400

0900-0930

Welcome and Opening Keynote ..... Ballroom, Level 400

- Brian Wynne, President & CEO, AUVSI
- David Boulter, Associate Administrator (A) for Aviation Safety, FAA

0930-1030

BVLOS Operations: From the Present to the Future ..... Ballroom, Level 400

- Brandon Roberts, Executive Director, Office of Rulemaking, FAA
- Eric Bergesen, Director of Operations, UPS Flight Forward
- Joe Block, Senior Engineer, Advanced Aviation, Crown Consulting, Inc.
- Jessica Brightman (formerly Orquina), Manager, Implementation Branch, UAS Integration Office, FAA
- Derek Hufty, Manager, Special Programs Section, Flight Standards Service, FAA

There are different paths to obtaining approval to operate BVLOS, including recent developments regarding Part 107 waivers and 44807 exemptions. Our panel of FAA experts and BEYOND lead participants will discuss how to accomplish BVLOS operations, their conditions and limitations, and upcoming plans.

1030-1045

Break ..... Beverages available in Ballroom Foyer, Level 400

1045-1145 — Concurrent Sessions

Near-Term Integration Needs: An FAA Perspective ..... Room 341-342, Level 300

- Martha Christie, Director (A), Safety & Integration Division, UAS Integration Office, FAA
- Ryan Berry, UAS Security Division Manager, FAA
- Wendy O'Connor, Director, Operations Planning & Integration, Air Traffic Organization, FAA
- Praveen Raju, Program Manager, FAA
- Jimmy Smith, Representative for Unmanned Aircraft Systems, National Air Traffic Controllers Association (NATCA)

One of the most exciting challenges facing the aerospace industry today is how the current airspace management system will grow into a future-state to support a global, harmonized, digital architecture that safely integrates all new entrants into the airspace alongside legacy aviation. Join FAA and DOT leaders as they discuss what policies, processes, and technology are needed in the next 3 – 5 years to allow for a scalable, safe, and secure drone eco-system.

PROGRAM

Cross-Pollination: The International Approach to BVLOS Operations.....Room 343-344, Level 300

- Laurence Wildgoose, Assistant Administrator for Policy, International Affairs, and Environment, FAA
- Ryan Coates, Dir., Remotely Piloted Aircraft Systems (RPAS), Transport Canada, Civil Aviation
- Nicolas Marcou, UAS Programme Manager, Direction Générale de l'aviation Civile
- Andrew Mutabaruka, Manager Unmanned Aircraft Systems Integration and Regulation & SSP Coordinator, Rwanda Civil Aviation Authority
- Giovanni Diantonio, Director of the Innovation Technology Department at Enac, Italian Civil Aviation Authority
- Tan Kah Han, Senior Dir. and Chief Technology Officer, Civil Aviation Authority of Singapore

This panel discussion will cover global developments in implementing BVLOS operations. Panelists will share details on their respective BVLOS operations-related developments, challenges and opportunities, and how we can better harmonize aircraft certification and operational approval standards to allow for greater acceptance and transferability [of aircraft, operations and allow certifications] across multiple nations for similar BVLOS operations. Discussions will include case studies on rules implementation and approval processes.

What You Need to Know about SMS Workshop ..... Room 339-340, Level 300

- Eric Bergesen, Director of Operations, UPS Flight Forward
- Derek Hufty, Manager, Special Programs Section, Flight Standards Service, FAA
- Jay Kinser, Manager, Strategic Programs Branch, UAS Integration Office, FAA

Join our panel of experts for a better understanding of Safety Management System (SMS) implementation. Learn what it is, why it matters, and how it can help your business use drones more effectively.

1145-1300

Keynote Lunch: Dawn of a New Era: UTM and the NAS ..... Ballroom, Level 400

(Lunch available in Ballroom Foyer, Level 400)

- Jeffrey Vincent, Executive Director, UAS Integration Office, FAA
- Jessica Brightman (formerly Orquina), Manager, Implementation Branch, UAS Integration Office, FAA
- Steve Bradford, Chief Scientific & Technical Advisor, Office of NextGen, FAA
- Katrina Hall, Deputy Chief Operating Officer for National Airspace System Programs and Support, FAA
- Parimal Kopardekar, Director, NASA Aeronautics Research Institute, NASA

We are at the dawn of the era of advanced aviation, and while we don't how our airspace system and the aviation ecosystem will evolve, it is likely to be shaped by technological advancements, new consumer demands, and regulatory changes. Our panelists will discuss how air traffic management systems and technologies need to adapt to accommodate these new operations.

PROGRAM

1300-1400 — Concurrent Sessions

Drone Security and the NAS: Where We Are, Where We're Going..... Room 341-342, Level 300

- Tonya Coultas, Deputy Associate Administrator for Security & HazMat Safety, FAA
- Tom Adams, Counter-UAS Consultant, Trainer, and Service Provider, AeroVigilance
- Trish Hiatt, Deputy Director, Airport Safety & Standards Directorate, Office of Airports, FAA
- John Picciano, Remote ID Program Lead, FAA
- Abigail Smith, Executive Director, Office of UAS and Emerging Entrants Security, FAA

This panel of security professionals will highlight today's drone security issues with an eye to addressing future issues and challenges. Touching on the hottest topics – on-airport detection and mitigation, remote ID, and more – panelists will discuss the paths forward for securely introducing new products and technologies into the NAS.

On the Cutting Edge: Cross-Cutting Research in Emerging Drone Operations.....Room 343-344, Level 300

- Kerin Olson, Manager, Research Strategy, Planning, & Communications Branch, UAS Integration Office, FAA
- Ryan Berry, UAS Security Division Manager, FAA
- Dipasis Bhadra, Economist, FAA
- Praveen Raju, Program Manager, FAA
- Art Branch, Principal Systems Engineer, MITRE

The panel will highlight research contributions to advancements in drone integration as well as cross-cutting, near-term research priorities to inform policy decisions, safety assessments, rules, and standards. They will also offer a strategic outlook for research drivers for expected operations in the mid-term and far-term.

What You Need to Know About COAs, Waivers, LAANC, and FAADroneZone ..... Room 339-340, Level 300

- Kerry Fleming, Branch Manager, System Operations Support Center, FAA
- Mike Minnix, Aviation Safety Inspector, FAA
- John Page, Air Traffic Control Specialist, UAS Policy Team, FAA
- Marcy Wolf, LAANC Project Manager, FAA

What's the best way to get authorization to operate in the NAS? COAs/Waivers? LAANC? FAADroneZone? Presenters will discuss when to use one system over another and core differences of each system.

1400-1415

Break .....Beverages available in Ballroom Foyer, Level 400

PROGRAM

1415-1515 — Concurrent Sessions

Coming Soon! Remote ID Operational Compliance. Ready? ..... Room 341-342, Level 300

- Joe Morra, Director, Safety and Integration Division, FAA
- Scott Harris, Special Agent, FAA
- John Picciano, Remote ID Program Lead, FAA
- Ben Walsh, Aerospace Engineer, FAA
- Charles Werner, Director / Founder, DroneResponders

Remote ID is an essential building block for more complex drone operations. With the operational compliance date just around the corner, our panel will discuss how Remote ID will help address safety and security issues, anticipated challenges, and the status of manufacturing and standards bodies efforts, and other issues.

By the Numbers: Using Data to Advance Drone Integration ..... Room 343-344, Level 300

- Corbin Jones, Manager, UAS BEYOND Program, UAS Integration Office, FAA
- Steve Bradford, Chief Scientific & Technical Advisor, Office of NextGen, FAA
- Rebecca Guy, Vice President, Program Management Office, FAA
- Parimal Kopardekar, Director, NASA Aeronautics Research Institute, NASA
- Sarasina Tuchen, Senior Scientist, Highly Automated Systems Safety (DOT)

As the FAA modernizes the National Airspace System to incorporate drones and AAM, vast amounts of data will be needed to enable future airspace technologies, such as command & control and detect & avoid. How do we build a Data Trust Framework that mitigates and protects national security concerns while enabling the safe development and deployment of these innovative technologies?

Building Relationships with State, Local, and Tribal Stakeholders Workshop ..... Room 339-340, Level 300

- Erik Amend, Regional Administrator, Great Lakes Region, FAA
- Trevor Woods, Executive Director, Northern Plains UAS Test Site
- Col. Joseph Zeis, Jr., Aerospace and Defense Advisor, Office of the Ohio Governor

Building relationships with state, local, and tribal governments is critical to enabling and expanding drone operations. Join professionals with real-world experience as they share lessons learned and best practices that can help your drone operations thrive and grow.

1515-1545

Networking Break ..... Beverages available in Ballroom Foyer, Level 400

PROGRAM

1545-1645 Concurrent Sessions

The Technical Ingredients for Wide-scale BVLOS Operations..... Room 341-342, Level 300

- Michael Healander, President & CEO at Airspace Link, Inc.
- Dallas Brooks, Aviation Regulatory Lead, Wing
- John Slaughter, Director, UAS Research and Operations Center, University of Maryland
- John Peterson, Executive Director Aviation, Iridium
- Jessica Brightman (formerly Orquina), Manager, Implementation Branch, UAS Integration Office, FAA

With a more standardized path towards BVLOS operations in development, the gap to achieving wide-scale operations is closing. Several elements will contribute to successful integration and operationalization; therefore, the discussion will delve into the role of enabling technologies, design and testing, multi-vehicle control solutions, autonomy and UTM implementation – all required for the final leap.

Drones and Type Certification: The FAA Perspective .....Room 343-344, Level 300

- Martha Christie, Director (A), Safety & Integration Division, UAS Integration Office, FAA
- Rachel Carlstrom, Manager, Flight Standards, Safety Standards, FAA
- Joe Morra, Director, Safety and Integration Division, FAA
- David Senzig, Physical Scientist, FAA
- Caspar Wang, Policy Manager for Emerging Aircraft & Small Airplanes (Acting), FAA

This panel of FAA experts will provide an overview of the certification process for drones, important updates, and strategic direction for the Agency.

What You Need to Know About Exemptions Workshop ..... Room 339-340, Level 300

- Jody Hemler, Aviation Safety Inspector, FAA
- Sean O'Tormey, Team Lead, Program Analyst, Part 11 Petitions Branch, Office of Rulemaking, FAA

An exemption under 14 CFR Part 11 is one of the main pathways to enabling certain drone operations. Learn more about the FAA's exemptions program, including the information required in the submission, how to submit a petition for exemption, and updates to the program.

PROGRAM

AUGUST 2

0700-1700

Registration Open ..... Ballroom Foyer, Level 400

0900-1015

Morning Remarks ..... Ballroom, Level 400

- Jennifer Audette, AUS-410 Acting Manager, FAA

Plenary: Autonomous Systems and Social Acceptance ..... Ballroom, Level 400

- Deb Sanning, Deputy Regional Administrator, FAA
- Brendan Groves, Vice President, Regulatory and Policy Affairs, Skydio
- Taylor Lochrane, Deputy Director for Science and Technology / Chief Scientist, Highly Automated Systems Safety (DOT)
- Lauren Haertlein, Aviation Regulatory Counsel, Zipline
- Margaret Nagle, Head of Policy, Regulatory and Community Affairs, Wing

This panel will consider the impact of autonomy and artificial intelligence, human/machine interaction, and strategies for gaining public trust in autonomous systems.

1015-1030

Break ..... Beverages available in Ballroom Foyer, Level 400

1030-1130 Concurrent Sessions

Commercial Applications and Challenges — Navigating Real-World Issues ..... Room 341-342, Level 300

- Joe Morra, Director, Safety and Integration Division, FAA
- Derek Hufty, Manager, Special Programs Section, Flight Standards Service, FAA
- Heidi Williams, Senior Director, Air Traffic Services & Infrastructure, National Business Aviation Association (NBAA)
- Basil Yap, President, AeroX
- Lisa Ellman, Chair of the UAS practice, Hogan Lovells

As technology advances and the number and size of commercial drones increase, commercial drone operations face evolving challenges. Whether it's delivery, infrastructure inspection, or another use, drone operators continually face new issues: flying higher, longer, and without visual observers. Our panel will explore traditional and alternative solutions to enable broader, scalable drone applications.

PROGRAM

Critical Infrastructure Security.....Room 343-344, Level 300

- Michael Robbins, Chief Advocacy Officer, AUVSI
- Jared Salazar, Managing Director, Deloitte
- Brent Cotton, Director, C-UAS PMO, United States Department of Homeland Security
- Eric Schwartz, Sr. Manager, Technology & Innovation, Florida Power & Light Company
- Abigail Smith, Executive Director (A), UAS Security, FAA

The rapid proliferation of UAS technology raises concerns regarding critical infrastructure security and potential cybersecurity risks. This panel aims to explore both cybersecurity vulnerabilities and emerging threats to critical infrastructure from drones. Experts will evaluate the role of vulnerability assessments and counter-UAS systems in mitigating those risks. Finally, this panel will emphasize the need for collaboration among government agencies, critical infrastructure operators, technology providers, counter-UAS and cybersecurity experts to develop comprehensive strategies for protecting critical infrastructure against drone-related threats. Participants will address the legal and regulatory challenges involved in implementing counter-UAS systems. This includes privacy concerns, airspace regulations, and the collaboration between industry stakeholders, government entities, and law enforcement agencies to ensure an effective and legally compliant security framework.

Developing the Drone Workforce of Tomorrow Workshop..... Room 339-340, Level 300

- Wing Cheung, Professor, Palomar College
- Todd Colten, Senior Director of Program Management, Sentera
- Diana Robinson, Project Manager, FAA

Join this panel discussion to learn about the successes that have resulted from drone programs at colleges, universities, and technical schools and how those successes can benefit your business and community.

1130-1245

Keynote Lunch..... Lunch available in Ballroom Foyer, Level 400

(Provided for FAA Drone Symposium and AAM Summit participants)

- Carlos Monje, Undersecretary for Policy, DOT

1245

FAA Drone Symposium Concludes

LEVERAGING THE SKIES

AAM SUMMIT

PROGRAM

PROGRAM

1300-1400

AAM Summit Welcome ..... Ballroom, Level 400

- Brian Wynne, President & CEO, AUVSI
- Jeffrey Vincent, Executive Director UAS Integration Office, FAA

Opening Plenary: The Future of Advanced Air Mobility ..... Ballroom, Level 400

- Colleen D'Alessandro, New England Regional Administrator, FAA
- Pam Melroy, Deputy Administrator, NASA
- Houston Mills, Vice President, Flight Operations and Safety, UPS
- Carlos Monje, Undersecretary for Policy, DOT

Delivery by drone is happening, but not yet widely available. And soon, AAM could provide new delivery and passenger transportation options in both urban and rural settings. This panel will explore the challenge of equity of access in the drone and AAM realms, strategies for overcoming these initial equity difficulties, and achieving widespread access and benefits of these exciting technologies.

1400-1415

Break ..... Beverages available in Ballroom Foyer, Level 400

1415-1500

Urban Air Mobility Concept of Operations ..... Ballroom, Level 400

- Steve Bradford, Chief Scientific & Technical Advisor, Office of NextGen, FAA
- Amit Ganjoo, Founder / CEO, ANRA
- Noureddin 'Nouri' Ghazavi, Systems Engineer, FAA NextGen Technology Development and Prototyping Division, FAA
- Jim Murphy, AAM System Architect, NASA
- Chris Swider, Senior Technical Advisor, FAA
- Chris Kucera, VP of Strategy, OneSky Systems

Version 2.0 of the UAM Concept of Operations incorporates the knowledge gained from conversations with the aviation industry and research outcomes since the mid-2020 version and it is a key element in maturing the overall AAM concept. This panel will explore the ConOps, its assumptions, how the concept will evolve over time, and its connection to the Implementation Plan.

1500-1515

Break ..... Beverages available in Ballroom Foyer, Level 400

PROGRAM

1515-1600 Concurrent Sessions

Vertiports of the Future ..... Room 341-342, Level 300

- Jeffrey Vincent, Executive Director UAS Integration Office, FAA
- Paul Brooks, Regulatory Affairs Manager, Skyports
- James Grimsley, Executive Director, Choctaw Nation
- Caryn Moore Lund, VP of Public Policy, Regulatory and Government Affairs, Ferrovial
- George Rey, President, COTS Technology

Vertiports, used as a collective term, are expected to be a diverse system of public and private vertiports and vertistops. These facilities are categorized to identify the variety of aircraft they can support based on facility design and operations. Join industry leaders sharing their visions for deriving the most out of these innovative facilities.

Applying AAM to Government Functions (AFWERX, NASA, FAA) ..... Room 343-344, Level 300

- Mitchell Bernstein, Innovate28 Program Manager, FAA
- Darshan 'Dash' Divakaran, Head of Airspace Innovation and Prime Partnerships, AFWERX
- Nancy Mendonca, AAM Mission Integration Manager (Acting), NASA
- Paula Nouragas, Chief Scientist and Technical Advisor, FAA

The Department of Defense has announced substantial investments in AAM. Learn more about their plans for this new form of aviation, and how they will partner with FAA and NASA to inform research and planning on the civil aviation side.

Building State, Local, Tribal Relationships Workshop..... Room 339-340, Level 300

- Mike O'Hare, Regional Administrator - Alaskan Region, FAA
- Riley Beaman, Chief Commercial Officer, Archer
- Yolanka Wulff, Executive Director, Community Air Mobility Initiative (CAMI)
- Krystyna Bednarczyk, Environmental Protection Specialist, FAA

Building relationships between manufacturers, operators, and governmental officials at the state, local, tribal, and territorial levels is key to delivering on the promise of AAM. Our panelists will discuss these pre-operational issues and more to help the emerging AAM industry integrate into communities within the next few years.

1600-1615

Break .....Beverages available in Ballroom Foyer, Level 400

PROGRAM

1615-1700 Concurrent Sessions

Advanced Air Mobility Interagency Working Group (AAM IWG)..... Room 339-340, Level 300

The Advanced Air Mobility Interagency Working Group (AAM IWG), established by the AAM Coordination and Leadership Act, is at the FAA AAM Symposium and holding an open house to hear recommendations for the AAM National Strategy. Please come to our open house and give us your perspective on scaling AAM for the nation.

From Present Possibilities to Future Frontiers..... Room 341-342, Level 300

- Dr. Valerie Manning, Chief Commercial Officer, Overair
- Erick Corona, Director of CONOPS and Airspace Ecosystem Development, Wisk
- Nikhil Goel, Chief Commercial Officer, Archer
- Greg Bowles, Head of Government Affairs, Joby Aviation

As the vision of Advanced Air Mobility (AAM) takes flight, it is crucial to examine the intricate interplay between architecture and design that will shape the future of air mobility. From design principles to safety, autonomy, and certification, manufacturers will discuss the immediate opportunities and next phase of innovation and integration. With the most recent release of the UAM Concept of Operations (ConOps), it is timely to discuss the progression of operations and operational concept.

Setting the Standards Workshop .....Room 343-344, Level 300

- Amit Ganjoo, Founder / CEO, ANRA
- Phil Kenul, Chair ASTM International F38 Committee on UAS at ASTM International, ASTM
- Judith Ritchie, Director, Government and Industry Affairs – Aerospace, SAE
- Caspar Wang, Policy Manager for Emerging Aircraft & Small Airplanes (Acting), FAA

AAM and other disruptive technologies are being developed at a rapid pace. There needs to be a consistent look at the safety performance of these new systems. Panel experts will discuss the challenges of the current pace and need for AAM standards to ensure that industry meets a similar minimum performance level for these new entrants into the NAS.

August 3

0900-0930

Opening Keynote..... Ballroom, Level 400

- Jessica Sypniewski, Deputy Assistant Administrator of NextGen (ANG-2)
- Dr. Ezinne Uzo-Okoro, Assistant Director for Space Policy, White House Office of Science and Technology Policy

PROGRAM

0930-1030

AAM: Entry into Service ..... Ballroom, Level 400

- David Boulter, Associate Administrator (A) for Aviation Safety, FAA
- Shannetta Griffin, Associate Administrator for Airports, FAA
- Katrina Hall, Deputy COO for National Airspace System Programs and Support, FAA
- John Maffei, Director of Portfolio Management and Technology Development (Acting), FAA
- Carol "Annie" Petsonk, Assistant Secretary for Aviation & International Affairs, DOT

Join leaders from across the Department of Transportation as they provide updates on the organization's path forward for AAM aircraft and operations. Touching on certification, traffic management, infrastructure, regulatory requirements, and more, this panel is the place to be for the latest Agency thinking about AAM.

1030-1045

Break .....Beverages available in Ballroom Foyer, Level 400

1045-1145 Concurrent Sessions

Environment and Sustainability ..... Room 341-342, Level 300

- Shawna Berry, Manager, Environmental Policy Division, FAA
- Prem Lobo, General Engineer, Office of Environment and Energy, Energy Division, FAA
- David Senzig, Physical Scientist, Office of Environment and Energy, Noise Division, FAA

AAM technology is often touted as better for the environment, but is it really? Subject matter experts at the FAA will discuss how they are assessing the benefits and impacts of this new technology across a variety of categories, including emissions, noise, and impacts.

Physical and Digital Infrastructure Security .....Room 343-344, Level 300

- Julie 'Jay' Carrigan, TSA Senior Liaison Officer to US Department of Transportation, TSA
- Tonya Coultas, Deputy Associate Administrator for Security & HazMat Safety, FAA
- Peter Sachs, UTM Program Manager, FAA

As AAM gets introduced into the NAS, security risks need to be anticipated and managed. Join our security panel to discuss the approaches to physical and digital infrastructure for these AAM operations.

Workforce of Tomorrow Workshop..... Room 339-340, Level 300

- Dr. Rich Ham, Associate Director, University of Arkansas
- Diana Robinson, Project Manager, UAS Integration Office, FAA
- Bonny Simi, Joby Aviation
- Blain Newton, Chief Operating Officer, BETA Technologies

Technology development can be fast, dynamic, and efficient in responding to changing needs and advancements. With these changes, new technological skills will be required with new and expanded opportunities for a more diverse, adaptive workforce. This workshop will explore the positions and skills sets needed to address air mobility.

PROGRAM

1145-1300

Keynote Lunch: Tomorrow's Technology and Today's Challenges ..... Ballroom, Level 400

(Lunch available in Ballroom Foyer, Level 400)

- Steve Bradford, Chief Scientific & Technical Advisor, Office of NextGen, FAA
- Parimal 'PK' Kopardekar, Director, NASA Aeronautics Research Institute, NASA
- Earl Lawrence, X-Wing
- Erick Corona, Director of ConOps & Airspace Ecosystem Development, Wisk Aero
- Davis Hackenberg, Government Partnerships, Reliable Robotics

As the FAA modernizes the National Airspace System to integrate new users, including AAM operations, how will the Agency work with industry and other aviation authorities to leverage automated and autonomous technologies to enable the future?

1300-1400 Concurrent Sessions

Better Performance Through Harmonization..... Room 341-342, Level 300

- Lorrie Fussell, Director (A), UAS Integration Office, International Division, FAA
- Nicolas Marcou, UAS Program Manager, French Civil Aviation Authority
- Carmela Tripaldi, Italian Civil Aviation Authority
- Jeannie Stewart-Smith, Manager & Senior Policy Advisor for Remotely Piloted Aircraft Systems, Transport Canada
- Travis Mason, Chief Policy & Regulatory Officer, Merlin Labs

Every airspace system is unique but there are common challenges in order to implement AAM. This panel will explore case studies and identify possible solutions to those common challenges and discuss opportunities to harmonize airworthiness and operational standards.

Community Engagement Workshop ..... Room 343-344, Level 300

- Raquel Girvin, Western-Pacific Regional Administrator, FAA
- Erik Amend, Regional Administrator, Great Lakes Region, FAA
- Yolanka Wulff, Executive Director, Community Air Mobility Initiative (CAMI)
- Nikhil Goel, Chief Commercial Officer, Archer

Many AAM operations are expected to occur at new vertiport locations beyond traditional airports, closer to where people live and work. Other AAM operations will occur within airport environments. Urban planners, elected officials, and local stakeholders need to be part of the conversation early in the planning process. How do we bring these local voices to the table in a substantive and meaningful way, ensure clarity on roles and responsibilities, and identify collaboration opportunities across Federal, State, and Local levels?

1400-1415

Break ..... Beverages available in Ballroom Foyer, Level 400

PROGRAM

1415-1515

Operations in an Information-centric National Airspace System ..... Ballroom, Level 400

- Diana Liang, Enterprise Portfolio Manager, Office of NextGen, FAA
- Emily Stelzer, Outcome Leader - Head of the Aviation Future Concepts and Architecture Outcome, MITRE
- Cheryl Quinn, Deputy Director Airspace Operations and Safety Program, NASA
- Dan Hicok, Acting Deputy Vice President for Program Management Organization, FAA
- Rob Segers, Information Systems Security Architect, FAA

The world is experiencing an information revolution. Aviation is no different. Increases in telecommunications, computational power, storage, and new technologies help us secure, leverage, and learn from accumulated data. Embracing this information revolution within air traffic management provides opportunities for performance enhancements that support environmental objectives in aviation, just as it has for many other industries.

1515-1545 Networking Break

Networking Break .....Beverages available in Ballroom Foyer, Level 400

1545-1645 Concurrent Sessions

The Challenges of Disruption..... Room 341-342, Level 300

- Kevin Cox, Chief Executive Officer, Ferrovial Vertiports
- Blain Newton, Chief Operating Officer, Beta Technologies
- Daniel Plaisance, Manager, Advanced Air Mobility, Tulsa Innovation Labs
- Kyle Snyder, Principal, Michael Best Consulting LLC
- Nicholas Flom, Specialist Leader, Deloitte

In an industry where innovation is highly valued, experts will engage in a discussion about the current economic climate, funding challenges, and the considerations that early-stage and disruptive companies encounter while navigating the regulatory process. They will explore both the direct and indirect implications of regulation, the effects of a slowing global funding environment, and the challenges faced in infrastructure investment.

PROGRAM

Multi-Modal Transportation: Bringing Together Surface and AAM Vehicles ..... Room 343-344, Level 300

- Rob Goldman, Sr. Manager Air Traffic Management & Industry Affairs, Delta
- Derek Morgan, Manager, Engagement & Support Branch, FAA
- David Oord, Policy Manager, Autonomous Aviation Policy, Wisk
- Ryan Steinbach, Transportation Policy Analyst, DOT
- Sarasina Tuchen, Senior Scientist/ National Technical Expert for Highly Automated Systems Safety Center of Excellence (HASS COE), US Department of Transportation

Disruptive technologies like autonomy, automation, and artificial intelligence, and how they will interact with AAM in multimodal environments, present new risks to the NAS. Join our panel of experts from across the Federal government and industry to discuss the challenges of the limited testing infrastructure available for testing these technologies and proposed methods for overcoming these challenges.

Vertiports: Challenges of Today, Tomorrow, and Beyond Workshop ..... Room 339-340, Level 300

- Robert Bassey, Electronics Engineer, FAA
- Marie Kennington-Gardner, Regional Administrator - Eastern Region, FAA
- Keri Lyons, Manager, Emerging Entrants Division, FAA

State and local governments are being encouraged to actively plan for UAM infrastructure to ensure transportation equity, market choice, and accommodation of demand for their communities. Whether it is modification of existing infrastructure or new green field sites, this workshop will dissect the planning, design, operational, and security considerations of these new facilities.

1645-1700

Closing Remarks and Conclusion of AAM Summit

FAA DRONE SYMPOSIUM

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airspacelink™

Airspace Link

Airspace Link is a leading FAA USS integrating drones into the national airspace and communities at scale through technology and data solutions. From recreational pilots to public safety officials, government planners, and advanced UAS operators, all UAS stakeholders can leverage AirHub® to enhance their planning, operating, and logistics workflows.

Maryland
DEPARTMENT OF COMMERCE

Maryland Department of Commerce

The Maryland Department of Commerce supports aerospace businesses in their pursuit of tomorrow's technologies, helping you get from that first roll down the runway, through production, and on to a bright future over the furthest horizon. By offering a range of programs and resources tailored to industry specific needs and access to a world class workforce and cutting edge facilities, Commerce provides invaluable assistance to established Maryland businesses, emerging startups, and companies expanding into the Mid-Atlantic market.

For more information, visit Business.Maryland.gov/aerospace.

Wing

Wing

Wing offers drone delivery. Our fleet of lightweight, autonomous delivery drones can transport small packages directly from businesses to homes in minutes. Currently operating on three continents, Wing delivery is safe, sustainable, and easy to integrate into existing delivery and logistics networks.

Contact us at wing.com/contact.

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Arena

Arena, a PTC Business, helps companies create innovative products that change the world. Arena unifies product lifecycle management (PLM) and quality management system (QMS) processes, allowing every participant throughout product development and commercialization to work together fast and effectively.

With Arena, dispersed teams accelerate the design and delivery of quality products. For more information, visit Arena, a PTC Business.

Echodyne

Echodyne is a market-leading designer and manufacturer of advanced radar solutions that unlock new capabilities for intelligent systems and autonomous machines and shatter price-performance barriers for sensor arrays. Our combination of patented metamaterials electronically scanned array (MESA®) technology with powerful software ultimately means significantly greater situational awareness that increases safety and saves lives.

From pilotless drones and driverless cars to critical infrastructure protection, border security, and remote weapons stations, Echodyne radars improve performance and enhance safety for people and machines. The company's radars are designed and manufactured in Kirkland, Washington, USA.

FAA DRONE SYMPOSIUM

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AUVSI Trusted™ OPERATOR

AUVSI Trusted Operator™

The AUVSI Trusted Operator™ fills the gap between minimally prescriptive operating regulations, such as the FAA's Part 107, and a higher level of demonstrated knowledge, flight proficiency, safety and risk management practices that is expected to be valued by employers and customers of commercial UAS operators. Earn the AUVSI Trusted Operator™ Certification and set your career apart from others in the remote pilot industry.

Warren Community College

Warren Community College

Warren Community College (NJ) is an accredited institution dedicated to the advancement of UxS education. An AUVSI Trusted Operator Training Provider and a member of the FAA CTI program, Warren holds a CoW for Flight Over People and BVLOS. Warren offers certificates and an AAS in UxS Systems.

WarrenUAS goes beyond the theoretical with more hands-on training with the latest advanced systems. Students work on field research projects with private companies, public utilities, and partner universities in pilot training, photogrammetry, precision agriculture as well as maritime and ground robotics.

AAM SUMMIT

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Deloitte.

Deloitte

Deloitte US Drone Services brings the technical capabilities, relationships, and subject-matter proficiency to help clients navigate the disruptive and emerging world of UAS and AAM.

overair

Overair

Overair is a Southern California-based manufacturer of electric vertical takeoff and landing (eVTOL) aircraft. Founded in 2020 as a spinoff of Karem Aircraft, a global leader in UAV technology, Overair is backed by a long-term strategic partner, the Hanwha Group of South Korea. Their upcoming production aircraft, Butterfly, is set to be the quietest eVTOL with the capability to fly in a broad range of weather conditions. With best-in-class payload capabilities, Butterfly boasts the ability to carry five passengers (plus a pilot) and luggage, as well as a multitude of additional configurations, including cargo and medical transport.

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Sales inquiries: Gonzalo Ramos gramos@overair.com.

TULSA INNOVATION LABS®

Tulsa Innovation Labs

Tulsa Innovation Labs is a non-profit dedicated to creating an inclusive innovation economy in Tulsa, Oklahoma with a focus on four right-to-win industries: Advanced air mobility, cyber, virtual health, and energy tech. TIL launches public-private partnerships that leverage the region's competitive advantage in AAM - promoting innovative R&D, investment, entrepreneurship, and workforce development. In 2022, TIL led strategy for a regional coalition that received a nearly $70 million grant from the U.S. Department of Commerce and private partners to develop a world-class AAM ecosystem in Tulsa.

AAM SUMMIT

THANK YOU PARTNERS

wisk

Wisk

Wisk is an advanced air mobility (AAM) company dedicated to delivering safe, everyday flight for everyone. Wisk's self-flying, eVTOL (electric vertical takeoff and landing) air taxi will make it possible for passengers to skip the traffic and get to their destination faster. Wisk is a fully-owned Boeing subsidiary that operates separately from Boeing. The company is headquartered in the San Francisco Bay Area, with locations around the world. With over a decade of experience and over 1600 test flights, Wisk is shaping the future of daily commutes and urban travel, safely and sustainably.

Maryland
DEPARTMENT OF COMMERCE

Maryland Department of Commerce

The Maryland Department of Commerce supports aerospace businesses in their pursuit of tomorrow's technologies, helping you get from that first roll down the runway, through production, and on to a bright future over the furthest horizon. By offering a range of programs and resources tailored to industry specific needs and access to a world class workforce and cutting edge facilities, Commerce provides invaluable assistance to established Maryland businesses, emerging startups, and companies expanding into the Mid-Atlantic market.

For more information, visit Business.Maryland.gov/aerospace.

AAM SUMMIT

THANK YOU PARTNERS

Reliable Robotics

Reliable Robotics is building technology to make aviation safer and save lives. Our FAA-certifiable system enables continuous autopilot engagement through all phases of flight, including auto-taxi, auto-takeoff, and auto-landing. This automation will significantly reduce fatal accidents, such as controlled flight into terrain and loss of control in flight. Starting with a certification-forward approach, Reliable Robotics demonstrated gate-to-gate fully automated operation of regional cargo aircraft and is working towards commercialization of technologies for FAR Part 23 and Part 25 vehicles.

AUVSI Trusted Operator™

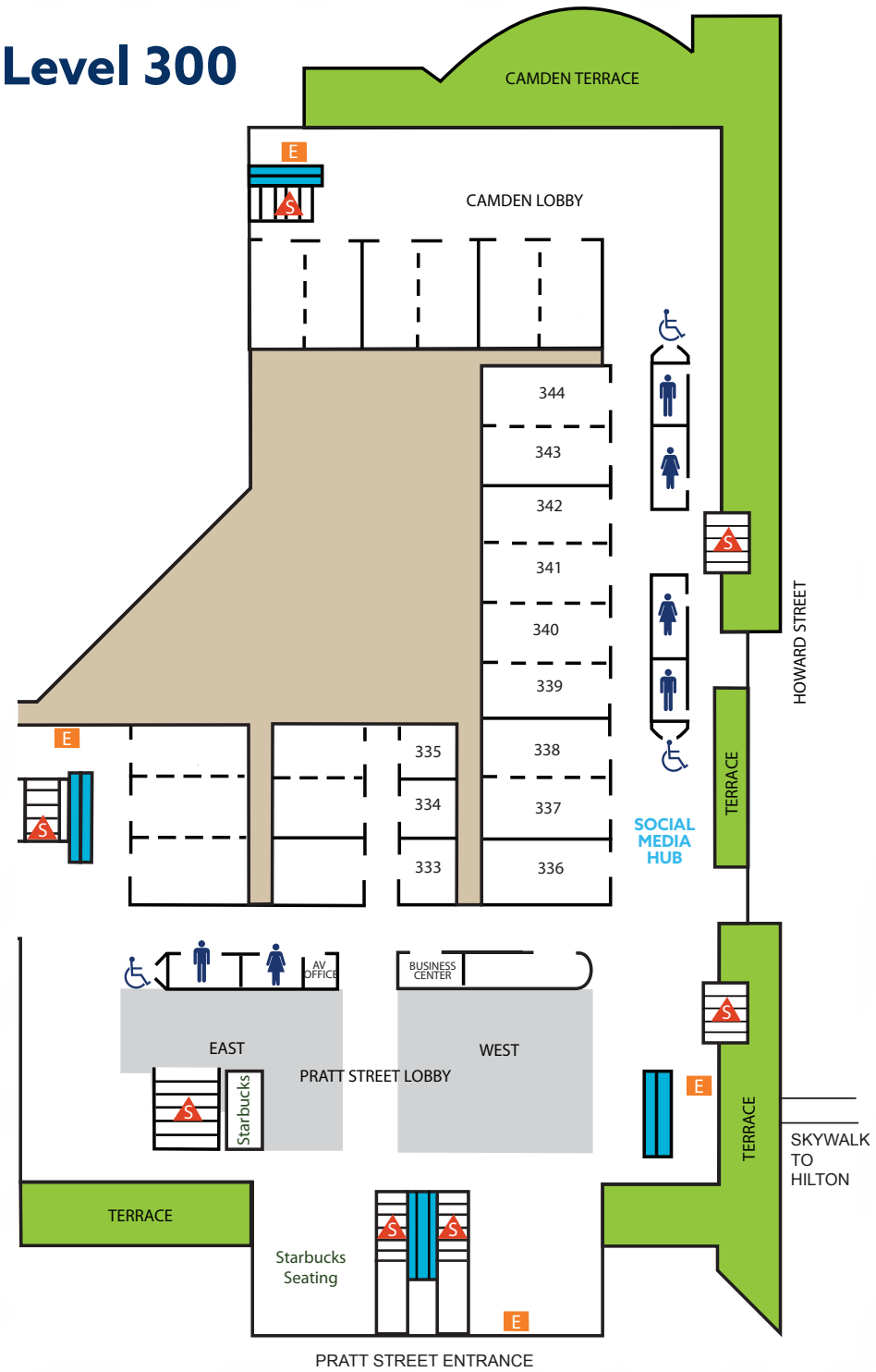
The AUVSI Trusted Operator™ fills the gap between minimally prescriptive operating regulations, such as the FAA's Part 107, and a higher level of demonstrated knowledge, flight proficiency, safety and risk management practices that is expected to be valued by employers and customers of commercial UAS operators. Earn the AUVSI Trusted Operator™ Certification and set your career apart from others in the remote pilot industry.

UPS Flight Forward

UPS Flight Forward Inc. earned the FAA's first standard Part 135 Air Carrier Certificate in 2019. Today, a better not bigger framework guides our focus to influence the industry, regulatory environment and technology development to help advance Uncrewed Aircraft Systems (UAS) and Advanced Air Mobility (AAM).

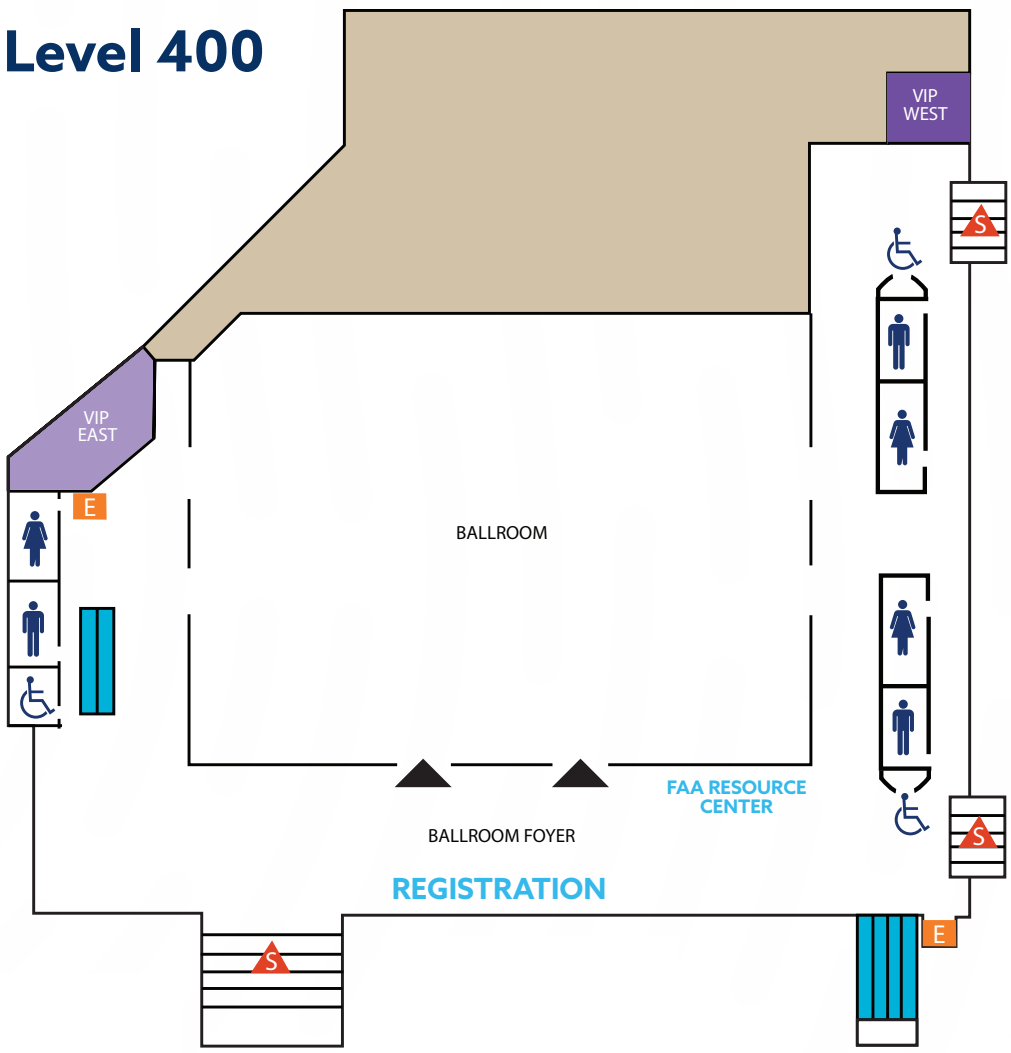
MAP

Level 300



FAA & AUVSI Business Room ..... Room 338
Concurrent Sessions ..... Room 339-340, 341-342, 343-344
Media Room ..... Room 333
Social Media Hub ..... Lobby
Speaker Ready Room ..... Room 337

MAP



Beverage Breaks and Lunch ..... Ballroom Foyer
FAA Resource Center ..... Ballroom Foyer
Plenary Sessions ..... Ballroom
Registration ..... Ballroom Foyer

▲ = Entrance to the Ballroom