

INNOVATE | COLLABORATE | ELEVATE

FLY UTAH



UTAH AERONAUTICS CONFERENCE
2023

JUNE 20 - 22
DAVIS CONFERENCE CENTER
LAYTON, UTAH



TUESDAY, JUNE 20

12:00 p.m. - 4:00 p.m.

Exhibitor Move In | ECLIPSE EXPO A

12:30 p.m. - 8:00 p.m.

Registration | HORIZON LOBBY

1:30 p.m. - 5:00 p.m.

AOPA Rusty Pilots Seminar | MERIDIAN DH

Interested in returning to the skies? Participate in this Rusty Pilots program with fellow lapsed pilots! Instructor Ted Spitzmiller will help you understand what's changed in aviation since you last took the controls and brush up on your aviation knowledge.

6:00 p.m. - 8:00 p.m.

Welcome Reception | CIRRUS ATRIUM

Network and mingle with attendees, VIPs, and the Utah Aeronautics Division over a buffet-style dinner.

6:30 p.m. - 7:00 p.m.

DroneUp Delivery Demonstration | CIRRUS ATRIUM

Don't miss out on DroneUp's iconic 100-foot-drop SWAG delivery!

WEDNESDAY, JUNE 21

7:30 a.m. - 5:00 p.m.

Registration | HORIZON LOBBY

7:30 a.m. - 8:30 a.m.

Breakfast | ECLIPSE EXPO A

8:30 a.m. - 9:00 a.m.

Opening General Session | ECLIPSE EXPO B

The Utah Aeronautics Conference kicks off with a message from Matt Maass, Director of the Utah Division of Aeronautics, Welcome Remarks from Davis County Commissioner Bob Stevenson, and Color Guard performed by the Civil Air Patrol.

9:00 a.m. - 9:45 a.m.

Morning Keynote Speaker

Scott Glaser, CEO & Founder, Aerospace Operations
Toni Mensching, Aerospace Executive ATP | CFII | MEI, Northrop Grumman

9:50 a.m. - 10:10 a.m.

Exhibitor Networking | ECLIPSE EXPO A

WEDNESDAY, JUNE 21

10:00 a.m. - 2:00 p.m.

Davis School District Drone Activities | NORTH LOT

Complete a drone obstacle race course and bridge inspection simulation! Awards will be given to eligible competitors!

10:10 a.m. - 11:00 a.m.

Breakout Series #1

For full breakout session agenda see pg. 4

11:10 a.m. - 12:00 p.m.

Breakout Series #2

For full breakout session agenda see pg. 4

12:00 p.m. - 1:30 p.m.

Lunch & Keynote Speaker | ECLIPSE EXPO B

Mark Baker, CEO of AOPA

1:30 p.m. - 2:00 p.m.

Exhibitor Networking | ECLIPSE EXPO A

2:00 p.m. - 3:15 p.m.

Breakout Series #3

For full breakout session agenda see pg. 5

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

Snack Break & Exhibitor Networking | ECLIPSE EXPO A

3:30 p.m. - 4:45 p.m.

Breakout Series #4

For full breakout session agenda see pg. 5

5:00 p.m.

Open Night

Take the time to explore Davis County with industry colleagues! Visit Discoverdavis.com/play-2 for more information.

5:30 p.m. - 6:30 p.m.

Hill Air Force Base Museum Tour

The Museum exhibits more than 90 military aircraft, missiles, and aerospace vehicles on the grounds and inside the Major General Rex A. Hadley Gallery and the Lindquist Stewart Fighter Gallery. It exhibits thousands of artifacts depicting the history of aviation of the United States Air Force, Hill Air Force Base and the State of Utah. Their collection includes a wide variety of ordinance and munitions, an assortment of aerospace ground equipment, military vehicles, uniforms, and thousands of other historical artifacts. Don't miss out on this cool experience! Ticket admissions cost \$25.

Drone Adoption and Integration Strategies | MERIDIAN DH

Kyle Snyder, Michael Best Consultants **George Matus**, Teal Drones **Adam Robertson**, Fortem Technologies

Teal Drones and Best Autonomous Insights will provide their experiences with developing, selecting, training, deploying, and sustaining a drone program built on the Teal system. This is a unique opportunity to hear from a local drone success story, including lessons learned in technology development, civilian and defense applications, and regulatory evolution. Fortem Technologies will also join in to share their evolutionary story.

Getting on the Radar: Communications & Public Engagement for AAM | STRATUS 5/6

Muriel Xochimitl, X-Factor Strategic Communications **Scott Romney**, Utah Aeronautics Division

Michael Logan, Utah State University

This breakout session will explore how the Advanced Air Mobility (AAM) industry can effectively communicate its goals and benefits to the public. Attendees will learn about successful public engagement campaigns, the importance of effective communication, and strategies for building trust and support for the industry.

Operation Excellence with Educators | STRATUS 7/8/9

Amy Monson, Utah State University **Shalyn Drake**, Utah State University

This is an informal roundtable for aviation educators to share best practices regarding curriculums, concurrent enrollment opportunities and aviation camp offerings for students and educators, engagement ideas, and more. Attendees can learn about the latest trends and developments in the field of aviation education, as well as best practices for training the next generation of pilots.

Utah Life Elevated: An Update from the Utah Aeronautics Division | MERIDIAN DH

Matt Maass, Utah Aeronautics Division **Scott Romney**, Utah Aeronautics Division

Greg Peterson, Utah Aeronautics Division

This session will provide attendees with a comprehensive overview of the latest developments in aviation safety and regulations. This session will be an excellent opportunity to learn about the latest initiatives aimed at promoting safer flight operations across the state of Utah.

Diversity & Inclusion in Aviation | STRATUS 5/6

Clint Harper, National Aeronautics and Space Administration **Lisa Konkel**, Delta Airlines

Josh Kelson, Utah Backcountry Pilots Association

This session will focus on the importance of diversity and inclusion in the aviation industry. Speakers will discuss the need for greater representation of minorities and women in aviation, as well as the unique perspectives and experiences young professionals bring to the industry.

Under Pressure: How a Pilot's Mind Operates Under Duress | STRATUS 7/8/9

Richard McSpadden, Aircraft Owners and Pilots Association

A critical session that will focus on the psychological aspects of flying. Attendees can learn about the latest research into how pilots operate under stressful conditions, and develop strategies for managing stress and anxiety in flight.

Meeting of the Minds: An Update with UAMMI & UADA | MERIDIAN DH**Tulinda Larsen**, Utah Advanced Materials and Manufacturing Initiative**Aaron Starks**, Utah Aerospace and Defense Association

Catch up on the projects UAMMI and UADA are currently working on! Learn more about how they are furthering AAM today and engage through Q&A.

The Ins and Outs of Backcountry Flying | STRATUS 5/6**Wendy Lessig**, Recreational Aviation Foundation **Steve Durtschi**, Skypark Airport **John Davis**, 43rd Holdings

This session will examine the challenges and opportunities associated with backcountry flying and recreation, including the importance of maintaining and protecting airstrips in remote areas.

Navigating the Regulatory Landscape: Connecting with the FAA | STRATUS 7/8/9**Richard Jeffs**, Federal Aviation Administration **Rex Shoell**, Experimental Aircraft Association 58

The Federal Aviation Administration (FAA) plays a critical role in regulating the aviation industry, ensuring safety and security for all stakeholders. In this session, attendees will learn how to navigate the regulatory landscape and connect with the FAA to stay up-to-date on the latest policies, procedures, and initiatives. Our panel of experts will provide insights into the FAA's organizational structure, processes for obtaining certifications and approvals, and the latest updates on emerging technologies such as unmanned aerial systems (UAS) and advanced air mobility (AAM). Attendees will also have the opportunity to ask questions and engage in a dialogue with FAA representatives, gaining valuable insights and building relationships that can support their success in the aviation industry.

Revolutionizing the Drone Era | MERIDIAN DH**Amber Harrison**, Zipline **Brent Klavon**, ANRA Technologies Inc. **Matthew DeSmit**, DroneUp**Gordon Slade**, Intermountain Health Care

This session will provide attendees with an in-depth look at the cutting-edge technology developed by Zipline. Our panel of experts will explore the company's innovative Beyond Visual Line of Sight (BVLOS) technology and discuss how it is being used to revolutionize the delivery of medical supplies and other critical goods.

Training with BlackCat | STRATUS 5/6**Becky Mainardi**, Panther International **Annette Lapkowski**, Panther International

A hands-on session that will provide attendees with practical skills and knowledge to enhance their aviation expertise. Attendees can learn about the latest aviation software and tools, and how to use them effectively.

Risk Mitigation for Pilots of Uncrewed Aircraft | STRATUS 7/8/9**Douglas Spotted Eagle**, Kuker-Ranken Inc. **Paul Damron**, Utah Department of Transportation

This session will focus on the latest developments and regulations related to unmanned aircraft systems. Attendees can learn about best practices for mitigating risks, ensuring safe operations, and tie it to UDOT's UAS Operations.

THURSDAY, JUNE 22

7:30 a.m. - 6:00 p.m.	Registration HORIZON LOBBY
7:30 a.m. - 8:30 a.m.	Breakfast ECLIPSE EXPO A
8:30 a.m. - 8:45 a.m.	General Session ECLIPSE EXPO B Kick off the last day of the conference with an inspirational message from Lisa Wilson, the Deputy Director of Engineering and Operations at UDOT.
8:45 a.m. - 9:30 a.m.	Expert Panel ECLIPSE EXPO B Greer Carper, CFO, Fortem Technologies Hayden Shea, Portfolio Development Senior Manager, Boeing Eduardo Martinez, Vice President of Operations, Electric Power Systems
9:30 a.m. - 9:40 a.m.	Exhibitor Networking ECLIPSE EXPO A
9:40 a.m. - 10:30 a.m.	Breakout Series #5 <i>For full breakout session agenda see pg. 8</i>
10:30 a.m. - 10:45 a.m.	Exhibitor Networking ECLIPSE EXPO A
10:45 a.m. - 12:00 p.m.	Breakout Series #6 <i>For full breakout session agenda see pg. 8</i>
12:00 p.m. - 1:15 p.m.	Lunch & Keynote Speaker ECLIPSE EXPO B Erin Lear, Founder of Lear Avia, Inc.
1:15 p.m. - 1:30 p.m.	Exhibitor Networking ECLIPSE EXPO A
1:30 p.m. - 2:20 p.m.	Breakout Series #7 <i>For full breakout session agenda see pg. 9</i>
2:30 p.m. - 3:20 p.m.	Breakout Series #8 <i>For full breakout session agenda see pg. 9</i>
3:20 p.m. - 4:00 p.m.	Snack Break & Exhibitor Networking ECLIPSE EXPO A

THURSDAY, JUNE 22

4:00 p.m. - 5:00 p.m.

Breakout Series #9

For full breakout session agenda see pg. 10

4:00 p.m. - 6:00 p.m.

Exhibitor Breakdown | [ECLIPSE EXPO A](#)

5:00 p.m. - 6:00 p.m.

Free Time

6:00 p.m. - 8:00 p.m.

Evening Reception | [ECLIPSE EXPO B](#)

Enjoy an elegant dinner with industry colleagues! The evening will include an Awards Presentation to the Rookie of the Year, Aviation Professional of the Year, Innovator of the Year, and Partner of the Year. A special Colonel Gail Halvorsen Lifetime Achievement Award will also be given.

How AAM Impacts Planning and Zoning | MERIDIAN DH**Shawn Milne**, Cache County Economic Development Senator **Michael Dymont**, NEXA Capital**Senator Wayne Harper**, Utah Senate District 16 **Mayor Julie Fullmer**, Vineyard City

The Advanced Air Mobility (AAM) industry represents a significant shift in transportation, and planning and zoning play a critical role in supporting its growth. This session explores the challenges and opportunities facing the AAM industry and discusses effective strategies for planning and zoning. Attendees will gain valuable insights from our panel of experts on how to support and foster the growth of this emerging industry.

Hill Air Force Base Update | STRATUS 5/6

TBA

This session will focus on the Hill Airforce Base and its role in the aviation industry. Attendees will learn about the base's history, current operations, and plans for the future.

Unlocking the Potential of Hangar Development | STRATUS 7/8/9**Brady Frederickson**, Salt Lake City **Steve Durtschi**, Skypark **Mike Ginter**, AOPA

The demand for hangar space is growing rapidly, driven by the expansion of the aviation industry and the increasing popularity of private and corporate air travel. In this session, attendees will gain valuable insights into the various rental and leasing options available for hangars, and learn best practices for selecting, leasing, managing, and maintaining these facilities. Our expert panel will share their experiences and strategies for optimizing hangar development, from negotiating lease agreements to designing and building customized hangars that meet the unique needs of their clients.

Advancing Airports through Electrification | MERIDIAN DH**Paul Wheeler**, Airport Cooperative Research Program **Judd Hill**, Armstrong Consultants**Ken Campbell**, Vernal City **Nick Holt**, Cedar City

The aviation industry is rapidly transitioning towards electrification to reduce emissions and improve efficiency. In this session, attendees will gain insights on the latest advancements in electric aviation technology and their integration into airport operations. The panel of experts will discuss the challenges and opportunities in this industry, and explore the role of electrification in shaping the future of aviation.

Moving to Mastery: Pilot and Mechanic Training | STRATUS 5/6**Ted Chester**, Precision Propeller

This session will provide attendees with a hands-on learning experience in piloting and mechanics. Participants will have the opportunity to work with experienced pilots and mechanics to develop practical skills and knowledge.

Building the Future with Air Traffic Control | STRATUS 7/8/9**Randall Parkman**, Terminal Radar Approach CONTROL **Eric Marsing**, SLC **Frank Elsholz**, PVU

This session will provide attendees with an overview of air traffic control systems and how they impact the aviation industry. Speakers will discuss current and future trends in air traffic control, as well as the importance of safety and efficiency in this critical aspect of aviation.

How to Build and Certify Aircrafts | MERIDIAN DH**Michael Duke**, Double Box Tail Aero

This session will provide attendees with a comprehensive overview of the aircraft manufacturing process, from design to certification. Our panel of experts will discuss the critical steps involved in building an aircraft and getting it certified for flight. Additionally, attendees will learn about the Utah Airport Monitoring Program and how it is being used to ensure the safety and efficiency of airport operations.

The Switch to Unleaded Fuel | STRATUS 5/6**Ryan Leick**, Utah Valley University **Chris D'Acosta**, Swift Fuel

This session will explore the latest developments and changes in unleaded fuel, including alternative fuels such as SAS, AVGAS, MOGAS, and Titan Fuels. Speakers will discuss the benefits and challenges associated with these fuels and the impact they may have on the aviation industry.

The Future of UAS: Aerospace Education, Emergency Programs, and the Cadet Program | STRATUS 7/8/9**Captain Dyke**, Civil Air Patrol **Lieutenant Shannon Babb**, Civil Air Patrol

This session will give an overview of Search and Rescue, Disaster Relief, Aerospace Education, STEM, sUAS, and youth development and engagement, building the leaders of tomorrow through servant leading today.

Discovering Insights from Utah's Statewide Monitoring Program | MERIDIAN DH**Les Goldsmith**, Virtower LLC

The Utah Aeronautics team has successfully integrated a statewide airport monitoring program, providing valuable insights into the usage and performance of Utah's airports. Join us in this session to learn more about the data collected through this program and how it is used to inform decision-making and improve the safety, efficiency, and sustainability of Utah's airports. Goldsmith will discuss the innovative approaches used to collect and analyze data, as well as the challenges and opportunities of implementing such a program.

Unlocking the Potential of Regional EAA Chapters | STRATUS 5/6**Rex Shoell**, EAA 58 **Max Cloward**, EAA 53 **TeJay Rasband**, EAA 753 **Bob Baird**, EAA 1519

The Experimental Aircraft Association (EAA) is a vibrant community of aviation enthusiasts, with regional chapters across the country that provide a range of opportunities for pilots, builders, and enthusiasts to connect and engage with the aviation community. In this session, attendees will get updates on the latest developments in the EAA's regional chapters, including insights into the unique requirements and differences of each chapter, and the opportunities they offer for members to learn, build, and fly. Our panel of experts will share their experiences and strategies for getting involved in EAA chapters, from connecting with local leaders to participating in chapter events and activities.

Debunking the Myths of Stalls, Spins, and Aerobatics | STRATUS 7/8/9**Barry Hancock**, Pilot Makers Advanced Flight Academy

This presentation seeks to address flight training issues by debunking common myths and falsehoods, promoting a deeper understanding of correct principles, and suggesting practical ways to enhance flight safety and enjoyment for pilots at all levels - from students to ATPs. Join us for an engaging and informative session that will transform the way you think about flight training and elevate your piloting skills to new heights.

Vertiports: Opportunities and Challenges | MERIDIAN DH**Robert Carroll**, Altaport **Brent Chamberlain**, Utah State University

As the Advanced Air Mobility (AAM) industry continues to grow, the development of Vertiports is becoming increasingly important. In this session, attendees will learn about the critical role that Vertiports play in the AAM ecosystem and the challenges and opportunities associated with their development. Our panel of experts will explore the strategies being used to build and operate Vertiports and discuss the role they will play in shaping the future of transportation.

Preparing for Tomorrow's Technician Workforce | STRATUS 5/6**Stephen Ley**, Utah Advanced Aviation Maintenance Planning

This presentation will focus on local and national initiatives UAAMP is engaged with to develop new technician standards, education and training programs, and career pathways, to facilitate this change.

AAM Infrastructure & Advancement through Public-Private Partnerships | STRATUS 7/8/9**Tyler Zimbelman**, Deloitte

The Federal Aviation Administration (FAA) plays a critical role in regulating the aviation industry, ensuring safety and security for all stakeholders. In this session, attendees will learn how to navigate the regulatory landscape and connect with the FAA to stay up-to-date on the latest policies, procedures, and initiatives. Our panel of experts will provide insights into the FAA's organizational structure, processes for obtaining certifications and approvals, and the latest updates on emerging technologies such as unmanned aerial systems (UAS) and advanced air mobility (AAM). Attendees will also have the opportunity to ask questions and engage in a dialogue with FAA representatives, gaining valuable insights and building relationships that can support their success in the aviation industry.

FLY UTAH



UTAH AERONAUTICS CONFERENCE
2023

INNOVATE | COLLABORATE | ELEVATE