

AVIATE | CULTIVATE | EDUCATE

FLY UTAH



UTAH AERONAUTICS CONFERENCE
2022

MAY 9 - 11

UTAH VALLEY CONVENTION CENTER
PROVO, UTAH



WELCOME

Dear Attendee,

I want to welcome you to the Utah Aeronautics Conference 2022. This inaugural event brings together hundreds of aviation professionals, including pilots, engineers, mechanics, planners and other industry leaders to improve safety, share best practices and foster collaboration.

Our theme for this year's event is Aviate, Cultivate and Education (ACE). We intentionally chose this theme to focus our efforts on improving aviation safety across Utah. We have an impressive lineup of nationally and locally renown keynote speakers, panelists and presenters during the three-day conference. With nearly fifty breakout sessions to choose from, there is definitely something for everyone.

In addition to our extensive program offering, the Utah Aeronautics Conference offers training and networking opportunities, a student Career Fair, an awards program and hands-on displays from our exhibitors and sponsors. We also provide continuing education credits that can help you get ahead in your career.

I wanted to personally thank the Utah Aeronautics Conference Steering Committee for their hard work, dedication and expertise in planning the event. Composed of leaders across the industry in Utah and Utah Aeronautics Division staff, the steering committee has provided invaluable input and support.

I also want to sincerely thank our event sponsors. We could not have done this without their support. We hope that you take the time to visit their booths to learn more about what they do and what they have to offer.

Lastly, I want to thank you for attending this important event. I look forward to meeting with you and collaborating on areas of shared priorities. It takes all of us working together to make Utah, Life Elevated.



Jared Esselman

Director

Utah Aeronautics Division

KEYNOTES

Bill Wyatt

Executive Director, Salt Lake City Department of Airports



Bill Wyatt began serving as the Executive Director of the Salt Lake City Department of Airports (SLCDA) in November 2017. Wyatt was named Director of the Year in the Large Airports Category by Airport Experience News in 2020. Prior to joining SLCDA, Wyatt spent 16 years as the Executive Director of the Port of Portland where he oversaw four marine terminals, two general aviation airports and Portland International Airport (PDX). Wyatt served as a state representative from the Astoria, Oregon area from 1974 through 1977.

Michael Huerta

Former Administrator of FAA, Senior Advisor, Macquarie Capital



Michael Huerta served as Administrator of the Federal Aviation Administration (FAA) from 2013 to 2018. He joined the agency in 2010 as Deputy Administrator. He is Founder and President of MPH Consulting. His clients include companies focused on improving transportation and mobility through the application of technology. Since 2018, he has been a member of the Board of Directors of Delta Air Lines, Inc. (NYSE: DAL) serving on the Audit Committee and the Safety and Security Committee. In 2021 he joined the Board of Verra Mobility (NASDAQ: VRRM), a provider of smart mobility technology solutions and services.

David Neeleman

Founder, CEO & Chairman of the Board, Breeze Airways;
Founder of JetBlue and Azul



David Neeleman is that rarest of entrepreneurs, a man who has created and launched a multitude of successful, independent airlines, including the USA's Breeze Airways, JetBlue and Morris Air (sold to Southwest), Canada's WestJet and Brazil's Azul.

David then founded JetBlue Airways in New York and spent a decade as Chief Executive Officer (1998 to 2007) and Chairman (2002 to 2008). Breeze, his new airline began commercial service. David plans to re-invent low cost travel with nonstop service between secondary and tertiary markets across the USA.



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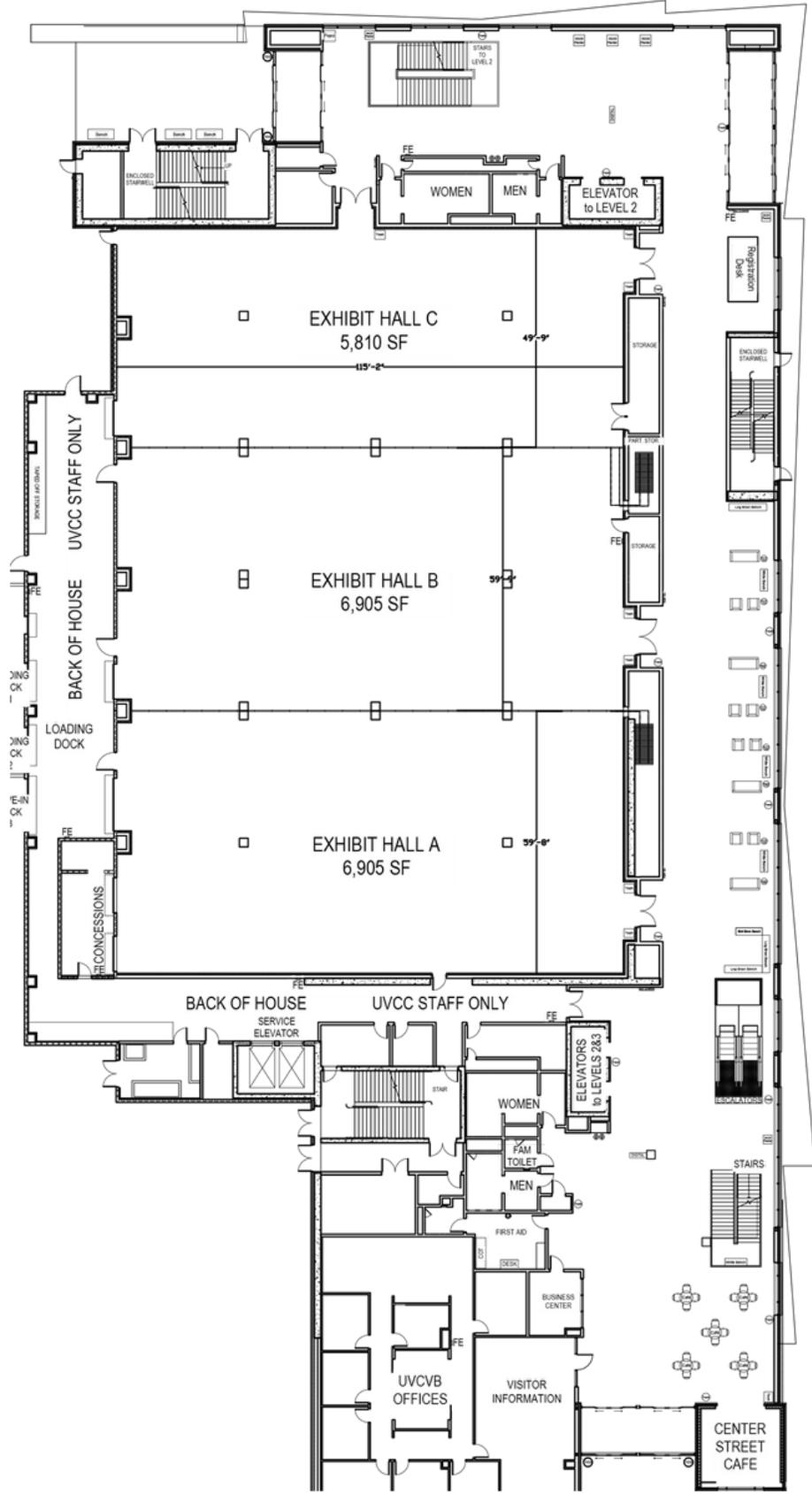
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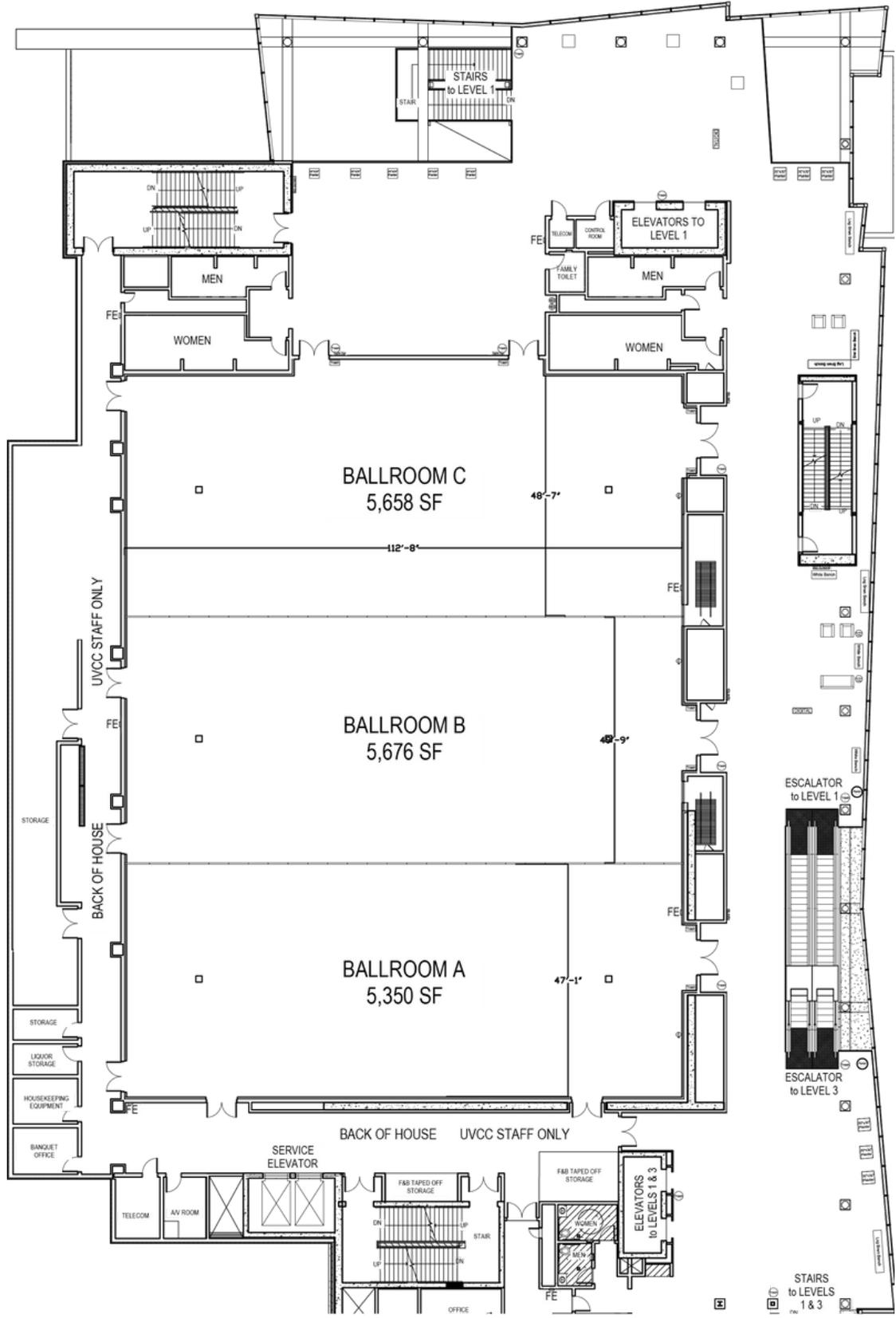


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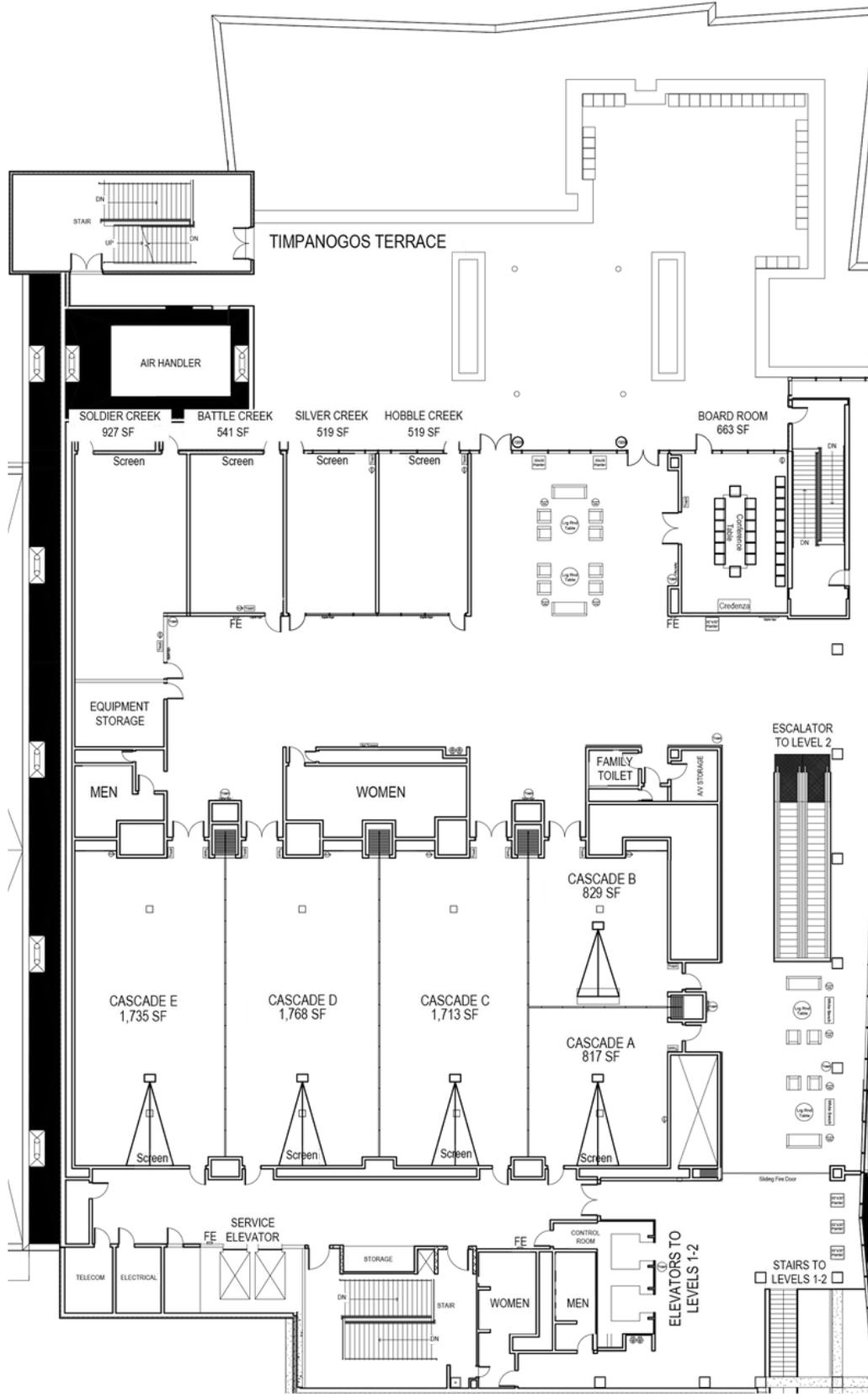
UTAH VALLEY CONVENTION CENTER LEVEL I MAP



UTAH VALLEY CONVENTION CENTER LEVEL II MAP



UTAH VALLEY CONVENTION CENTER LEVEL III MAP



JOIN AOPA AT THE 2022 INAUGURAL UTAH AERONAUTICS CONFERENCE



TUESDAY • 5.10.22

WILL YOUR AIRPORT BE HERE TOMORROW?

11:30 AM - 12:30 AM • Breakout Series

Mike Ginter - VP of Airports and State Advocacy

America's Community Airports are continually under threat and airports are closing at alarming rates. This seminar will summarize the threats impacting GA airports today and strategies to engage with, protect and promote these airports.

A HANGAR DEVELOPMENT

2:00 PM - 3:00 PM • Breakout Series

Mike Ginter - VP of Airports and State Advocacy

Most pilots agree that hangars are in short supply all over the country. This seminar will summarize AOPAs efforts to quantify the hangar shortage and what can be done about it.

Visit the AOPA booth for our special membership offer!

Learn more at AOPA.org



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MONDAY, MAY 9

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

Exhibitor Move In

10:00 a.m. - 6:00 p.m.

Registration | LEVEL I

2:00 p.m. - 3:30 p.m.

Snack Break & Exhibitor Networking | EXHIBIT HALL

STUDENT CAREER FAIR

12:00 P.M. - 5:00 P.M.

LEVEL II

BALLROOM

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

Networking and Interactive Activities

1:00 p.m. - 3:00 p.m.

Interviews and One-on-One Appointments

3:00 p.m. - 5:00 p.m.

Provo Airport Tours

TRAINING

12:00 P.M. - 5:00 P.M.

LEVEL III

CASCADE A, B, C, D, E

Drone Pilots

Airport Managers

Mechanics

Pilots

Airport Engineers

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

Exhibitor Networking & Free Time

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

Luau Welcome Reception | TIMPANOGOS TERRACE



TRAINING CLASSES

12:00 P.M. - 5:00 P.M.

DRONE PILOTS

CASCADE A

Drone Pilot Training Session: sUAS Safety Practices & Risk Mitigation Techniques

Douglas Spotted Eagle, Director of Educational Programming Sundance Media Group, LLC

Understanding risk is the first step in reducing accidents while operating an sUAS. Mitigation of risk carries across all aspects of any unmanned project, including operational hazards, safety, efficiency, and overall insurance cost reduction. Protecting your investment in equipment and personnel along with protecting your client is key to success. Using internationally recognized standards and recommended practices from International Civil Aviation Organization, International Standards Organization, Occupational Health & Safety, and global UAV best practices, this session will detail mechanisms, practices, and tools to help identify and minimize risk points in any sort of UAV operation whether corporate, enterprise, infrastructure, or agency. This session details how to identify and mitigate risk in sUAS operation and is taught by experienced sUAS instructors trained by SGS HART Aviation in risk mitigation, a leading provider of aviation auditing services around the globe, providing confidence in the safe and efficient delivery of aviation operations. This certificated training session ensures all attendees receive best practices for sUAS operations including normal, abnormal, and emergency procedures, maintenance checks, battery management, safe launch / land procedures, crew communication, and understanding potential flight issues. Attendees will be tested before and after training as part of the accreditation process.

AIRPORT MANAGERS

CASCADE B

Airport Manager Training Session: Airport 101

Ryan Leick, UVU Assistant Professor, Utah Valley University

Airport 101 is intended to provide a high-level overview of airport finance and administration to new airport professionals, board members, and public officials.

MECHANICS

CASCADE C

New Mechanic Airman Certification & the Consolidated Appropriations Act

Jared Britt, Director of Global Aviation Maintenance Training,
SUU

Presentation of the Consolidated Appropriations Act (H.R.133/Public Law 116-260) which has effectively changed the way aviation maintenance training is accomplished across the nation and the new Mechanic Airman Certification Standards, mechanic testing, and industry to school partnerships.

Doctoring Maintenance

Richard Jeffs, FAA Team Program Manager, Federal Aviation Administration

Doctoring Maintenance discusses a fatal accident, the chain of events that lead up to that accident, and how a poor safety culture, unsafe behavior, and ignoring human factors played into the cause of the accident.

TRAINING CLASSES

12:00 P.M. - 5:00 P.M.

MECHANICS

CASCADE C

Instructions for Continued Airworthiness (ICAs)

Richard Jeffs, FAA Team Program Manager, Federal Aviation Administration

ICAs presentation is designed to give the audience an overview of guidance about ICAs associated with field approvals, Supplemental Type Certificates (STCs), and manufacturers instructions.

Lycoming Engine Maintenance Practices

Brandon Dildine, Field Service Technical Representative, Lycoming

Engine Maintenance Demonstration: SB388C valve inspection "wobble check" and dry tappet clearance check and presentation on Lycoming engine maintenance practices and technical publications.

PILOTS

CASCADE D

Pilot Training Session

Matthew Kalm, President, West Desert Aviators **Ed Helmick**, Certified Flight Instructor

Morris Morgan, Certified Flight Instructor, Utah Valley Aviation

This training session will be discussing the following topics: Mountain Flying, CFIT, Inadvertent IMC, Controlled off airport landing considerations, and Takeoff/Landing.

AIRPORT ENGINEERS

CASCADE E

Project Timeline: From Planning to Bidding

Jeremy McAlister, Heber City Office Manager, T-O Engineers

Aircraft Tail Number Identification Using Cameras

Mohammad Farhadmanesh, Ph.D Candidate, University of Utah

Computer vision and camera-based methods for automatically detecting aircraft operations and identifying each aircraft through its imprinted tail number on aircraft's fuselage

A Recipe for Success in Pavement Design, Maintenance & Evaluation

Kimberly Silvester, Aviation Project Manager, J-U-B Engineers, Inc.

Just like in cooking, design and management of aviation pavements require specific ingredients added in specific quantities and in a specific order. But it isn't as easy as following a recipe, some might say there's an art to it. Many other factors come into play when considering what goes into pavement design, such as environment, local conditions, aircraft mix, etc. In this session, we'll explore and discuss experiences, challenges, and successes as we review using FAARFIELD 2.0 for Pavement Design and Evaluation.

Drainage Engineering Within the Airport Environment

Dane Hurst, Project Engineer, Aviation, a Woolpert Company

Drainage Engineering within the Airport Environment: Proper storm water drainage within an airport is critical to ensuring safety for airport users, maximizing longevity of infrastructure, and ensuring a sustainable environmental impact of the airport. While these goals are common to all civil infrastructure systems, the airport setting has distinctive traits that must be considered for a balanced drainage design. This session will examine federal design standards and common local requirements that govern the use of traditional and emerging engineering practices to solve problems unique to drainage engineering within the airport environment.

Communicating with Non-Airport Professionals

David Hartmann, PVice President, Armstrong Consultants, Inc.

Often, in the course of airport engineering, our vested audience has no background in airports yet must approve, revise, comment, and participate in the airport design and capital improvement planning process. We'll cover techniques, examples, and likely scenarios for effectively communicating your airport project needs.



7:30 a.m. - 8:30 a.m.**Registration | LEVEL I****7:30 a.m. - 8:30 a.m.****Breakfast | BALLROOM****8:30 a.m. - 9:15 a.m.****General Session | BALLROOM**

The Utah Aeronautics Conference kicks off with a message from Jared Esselman, Director of the Utah Division of Aeronautics, Welcome Remarks from Provo City Mayor Michelle Kaufusi, and Color Guard performed by the Civil Air Patrol.

9:15 a.m. - 10:00 a.m.**Morning Keynote Speaker**

Bill Wyatt, Director of Airports, Salt Lake City Corporation

10:00 a.m. - 10:15 a.m.**Aviators Band Performance**

Cedar Valley High School

10:15 a.m. - 11:30 a.m.**Snack Break & Exhibitor Networking | EXHIBIT HALL****11:30 a.m. - 12:30 p.m.****Breakout Series #1 - LEVEL III**

For full breakout session agenda see pg. 14

12:30 p.m. - 1:45 p.m.**Lunch & Keynote Speaker | BALLROOM****Aviation's Next Great Frontier: The Push for Sustainability**

Michael Huerta, Former Administrator of FAA, Senior Advisor, Macquarie Capital

Fireside Chat With Michael Huerta**2:00 p.m. - 3:00 p.m.****Breakout Series #2 | LEVEL III**

For full breakout session agenda see pg. 15

3:00 p.m. - 4:00 p.m.**Breakout Series #3 | LEVEL III**

For full breakout session agenda see pg. 16

4:00 p.m. - 5:00 p.m.**Breakout Series #4 | LEVEL III**

For full breakout session agenda see pg. 17

5:00 p.m. - 6:00 p.m.**Snack Break & Exhibitor Networking | EXHIBIT HALL****6:00 p.m. - 7:30 p.m.****Evening Reception | BALLROOM**

Enjoy dinner and networking with industry colleagues! The evening will include a special tribute to "Candy Bomber" Colonel Gail Halvorsen and an Awards Presentation to the Airport of the Year, Aviator of the Year, and Aviator Educator of the Year.

Fixed Based Operators (FBO) Best Practices | CASCADE A**Derek Smidler**, CB Aviation **Kris Whitehead**, TAC Air

Join us in learning about local and national best practices for FBOs as well as how pilots interact and engage with FBOs.

UBAA/ NBAA Business Aviation Industry Update | CASCADE B**Kristi Ivey**, NBAA **Jeff Hansen**, UBAA

Utah Business Aviation Association (UBAA) leadership and your National Business Aviation Association (NBAA) regional representative will provide resources to enable stakeholders to effectively engage and advocate both at the grassroots and national levels.

Utah Advanced Air Mobility Infrastructure Study | CASCADE C**Hank Krakowski**, NEXA **Stephanie Atallah**, WSP **David Sacharny**, Blynscy

This session will introduce a lane-based approach for UAS traffic management. Examples of airspace structures reminiscent of scenes from Blade Runner will be presented, as well as a practical scheduling algorithm and real engineering tradeoffs between this approach and other methods for strategic deconfliction.

Backcountry Flight Preparation | CASCADE D**Roy Evans II**, UBCP **Alina Pringle**, West Desert Flight **Craig Hunt**, DNR **Wendy Lessig**, RAF

An introduction to the exciting world of backcountry flying, with an emphasis on the safety and stewardship that makes it possible. We will discuss fundamental concepts to prepare for and conduct backcountry flights.

Air Traffic Controllers Panel & Pilot Q&A | CASCADE E**Randall Parkman**, TRACON **Eric Holcomb**, FAA **Eric Marsing**, SLC **Gary Lemmons**, PVU
Frank Elsholz, OGD **Blake Bailey**

A short presentation of best practices and discussions about airspace followed by Q&A with pilots about ATC services.

Will Your Airport Be Here Tomorrow? | SOILDER CREEK**Mike Ginter**, AOPA

General Aviation (or Community Airports) are under pressure from many threats and airports are still closing at an alarming rate today. This presentation will outline the most significant of these threats and a few ways to mitigate them. This session is intended for Airport Managers, local Pilot Association members, and elected state and local representatives.

Federal Aviation Administration Regional & National Update | HOLLOW CREEK**Grady Stone**, FAA

Learn about the latest regional and national updates from the Federal Aviation Administration.

Salt Lake International Airport: What's New and Upcoming | CASCADE A

Michael Williams, Salt Lake City Department of Airports

This session will give an overview of the Department of the SLC Airport.

Introduction to Electric Power Systems | CASCADE B

Nathan Millecam, EPS

Come and learn more about the EPS operations and their historical Utah projects!

Smarter Way to Enable Advanced Air Mobility Through Public Private Partnerships in Utah | CASCADE C

Darshan Divakaran, AFWERX **Shivanjli Sharma**, NASA **Brad Hayden**, Robotics Skies

Aaron Organ, Jordan Academy for Technology & Careers

The focus of this panel will be to bring key leads from the state, military, academia and industry to talk about public private partnership and what will be needed to make Utah a leader in Advanced Air Mobility.

How To Get Into Aviation | CASCADE D

Stacie Whitford, Cornerstone Aviation **Michael Logan**, USU **Chris Cox**, SUU **Mary Sand**, USU

Jared Wesemann, USAF

Interested in joining the aviation team but don't know where to start? Come learn from the educator professionals themselves!

Hangar Development | CASCADE E

Mike Ginter, AOPA

In this session, a few things that we will be discussing are how to build hangars, shortage of hangars, and costs of building hangars.

Garmin Pilot; a Powerful Tool to Plan, File, Fly & Log | SOILDER CREEK

Matt Bunnell, USU

We will explore the ins and outs of Garmin Pilot and how to use it to Plan, File, Fly and Log flights.

Accident Scenarios | HOLLOW CREEK

Josh Cawthra, NTSB

Interested in learning more about aviation safety? Josh Cawthra with NTSB will be speaking about his best practices in regards to avoiding plane accidents.

Airline Update | CASCADE A**Mark Powell**, American Airlines**Nate Lavin**, Salt Lake International Airport

American Airlines will be sharing some of their strategies for airline growth as well as current challenges, including the pilot shortage. SLC Airport will discuss new airlines coming to the airport.

Airport Managers: Airport Economics & Development | CASCADE B**Nick Holt**, Cedar City Regional Airport **Richard Stehmeier**, St. George Regional Airport**Travis Biggs**, Heber Valley Airport

This session will provide insight on aviation development strategies and inspirational economic stories from Utah airports.

Advanced Air Mobility in Utah | CASCADE C**Timothy Bean**, Fortem Technologies**Nicholas Flom**, Deloitte**David Oord**, Wisk**Nathan Millecam**, EPS**Borja Martos**, Flight-Level Engineering

How are we moving air transportation forward so you can fly anywhere, any time, with any one, from any place safely and cost effectively? The panel will be thoroughly answering this question from each of their company's perspective, and we will get to see how they come together to create a cohesive puzzle for Advanced Air Mobility in Utah.

Local Elected Officials Panel | CASCADE D**Dirk Burton**, Mayor**Shane Marshall**, Councilmember**Jeannie Simmonds**, Councilmember**Troy Walker**, Mayor

Want to know how aviation plays an important role in Utah and the economic and social benefits that it brings to your community? Come take a listen from your local elected official's perspective!

Utah Flight School Industry | CASCADE E**Stacie Whitford**, Cornerstone Aviation**Jason Clark**, FLT Academy**Randon Russell**, Randon Aviation

Seize the moment and learn more about Utah flight schools' best practices, challenges, and successes.

ROTAX Familiarization & Service | SOLDIER CREEK**Mark Pringle**, Rocky Mountain Kit Planes

This session will give information about the Rotax aircraft engine 9 Series line. You will learn about the basic care and maintenance needs for your Rotax engine provided for aircraft owners, pilots, experimental builders, managers and technical data for the more advanced mechanic.

Community Outreach Through Youth Aviation Education | HOLLOW CREEK**Carley Walker**, STEM Flights

Engage with your community by bringing youth aviation programs to your airport. Nonprofits such as STEM Flights can help make your job easier by relying on proven programs that bring pilots and students together in your city. Find out how to utilize these programs without draining your staff and resources.

How Data Drives the Economics of an Airport | CASCADE A

Grant Bishop, Silent Falcon UAS

This session will discuss how data can show the difference between inspection & GIS surveys and the benefits of data tied to GIS that goes beyond inspections.

The Ins and Outs of Mountain Flying | CASCADE B

Craig Hunt, DNR

Cory Wolf, DNR

A panel discussion on what it takes to safely fly over and in mountainous terrain by two experienced mountain/backcountry pilots.

Advanced Air Mobility Regulations | CASCADE C

Parimal Kopardekar, NASA

Rese Cleaver, DroneUp

David Oord, Wisk

Robin Riedel, McKinsey

Discussion on navigating changing regulations, best practices, and the future of AAM regulations in the face of rapidly changing technology.

AAAE & NASAO & ACI-NA Update | CASCADE D

Jessica Nagasako, NASAO

Pete Higgins, ACI-NA

Kristian Wade, AAAE

The latest happenings from AAE, NASAO & ACI-NA.

Boeing in Utah | CASCADE E

Mark Gaspers, Boeing

Patrick Leffel, Boeing

Theodore Kerzie, Boeing

Come learn more about what Boeing is and what the future looks like for their company.

Aviation Weather Hazards and Elevated National Weather Service Decision Support Services | SOLDIER CREEK

Kevin Barjenbruch, NWS Weather Forecast Office SLC

Aviation weather hazards will be highlighted along with decision support services from the National Weather Service. A combination of presentation slides and a web services demo will be used with interactive discussion encouraged.

Ask an AME! Questions for Your Aviation Medical Examiner Roundtable | HOLLOW CREEK

Dr. Letitia Archuleta, Aviation Medicals

A Q&A session about the FAA medical exam, related medical concerns, and how to simplify the process of getting and keeping your medical certificate.

FAA Safety Team: The Purpose of the FAAST Team and Its Mission | SILVER CREEK

Richard Jeffs, FAA

The title pretty much speaks for itself; Come learn more about what the FAA Safety Team is all about!

WEDNESDAY, MAY 11

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

Registration & Breakfast | LEVEL I

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

Breakfast | BALLROOM

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

General Session | BALLROOM

Kick off the last day of the conference with news of what's happening in the world of Aviation from Mike Ginter, Aircraft Owners and Pilots Association (AOPA) and Greg Pecoraro National Association of State Aviation Officials (NASAO).

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

Morning Keynote Speaker

David Neeleman, Founder, JetBlue and Breeze Airways

Fireside Chat With David Neeleman

9:45 a.m. - 10:15 a.m.

Snack Break & Exhibitor Networking | EXHIBIT HALL

10:15 a.m. - 11:15 a.m.

Breakout Series #5 | LEVEL III

For full breakout session agenda see pg. 19

11:15 a.m. - 12:15 p.m.

Breakout Series #6 | LEVEL III

For full breakout session agenda see pg. 20

12:15 p.m. - 1:00 p.m.

Boxed Lunch



Drone Technology Usage for Emergency Responses | CASCADE A**Ben Goddard**, UDOT

This session will discuss UAS usage for emergency responders and how UDOT Incident Management utilizes drones for daily operations, quick and efficient clearing of major accidents/fatalities, wildlife mitigation, and documentation of natural disasters.

Utah Airport Operators Association | CASCADE B**Rich Stehmeier**, UAOA

Update on the UAOA and a Q&A of what is going on at our Utah airports.

Advanced Materials for AAM Aircraft | CASCADE C**Tulinda Larsen**, UAMMI

This presentation will explore the pathway for AAM aircraft manufacturers to get advanced materials and processes qualified and will present the new Utah Aerospace Advanced Manufacturing Research Center.

Utah Legislators Panel | CASCADE D**Curt Bramble**, Senator**Adam Robertson**, Representative**Mike Kennedy**, Senator

Come and listen from your Utah legislators' perspective regarding the impacts and benefits aviation has on Utah. What is the future of aviation in Utah?

Why Upset Recovery Training is for Everyone | CASCADE E**Barry Hancock**, Spirit Airlines

Loss of Control In Flight (LOC-I) continues to plague commercial and general aviation. Barry Hancock, an airline and airshow pilot with over 20 years in the industry as well as training 100s of students in Upset Recovery, will explore the causes and consequences of lack of training in this arena and what you can do to avoid it all while having fun doing it! Whether you are a pilot, operator, instructor, manager, or administrator, this is a can't miss session to improve your safety culture.

What You & the Civil Air Patrol Can Give To Each Other | SOLDIER CREEK**Colonel Jason Hess**, CAP

How CAP provides pilots and those interested in aviation opportunities to serve your State and Nation while using your interests and skills. It will give you 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.

Ask an AME! Questions for Your Aviation Medical Examiner Roundtable | HOLLOW CREEK**Dr. Letitia Archuleta**, Aviation Medicals

A Q&A session about the FAA medical exam, related medical concerns, and how to simplify the process of getting and keeping your medical certificate.

Ask a Designated Pilot Examiner (DPE)! | CASCADE A**Chris Eyring**, FAA**Kelli Peay**, Peay Aviation LLC

Come to understand ACS and evaluations for Private, Instrument, Commercial and CFI, Q&A

Runway to the Future | CASCADE B**Ryan Waguespack**, NATA

Over the past two years the footprint of the country has changed a lot as people are relocating to outlying areas, increasing the demand for private jet travel and critical general aviation services and driving the need for infrastructure improvement planning and investment in general aviation airports. Additionally, the changing footprint of aircraft and new considerations for servicing and housing the developing UAM market are shifting the way airport and community leaders are looking at airport development. What factors will go into shaping the airport of the future?

Preventative Maintenance Panel | CASCADE C**Brandon Dildine**, Lycoming**Randy Chesley**, USU**Daniel "Wookie" Robinson**, Aggie Drone Academy

Preventative Maintenance Panel for all things aviation, from Drones to Manned Aircraft.

Utah Educators Panel - Aviation Education Opportunities | CASCADE D**Amy Monson**, USU**Cade Clark**, Helicopter Association International**Sandy Hemmert**, Granite School District**Courtney Johnson**, Cedar Valley High School

This panel session will discuss what is happening in Aviation Education in Utah, including working development, Utah Rotor Pathway Program, and other high school and college programs.

EIS Aviation Development Strategy | CASCADE E**Hilary Fletcher**, Jviation**Dejan Eskic**, Kem Gardner

In this session, the strategies and economic impact of EIS will be discussed along with Kem Gardner's policies.

Zipline Drone Delivery | SOLDIER CREEK**Joseph Marshall**, Zipline

Intro of Zipline as an organization and a description of what we do, where we do it and the aspects related to safe airspace integration.

ACRP - Your Research Program | HOLLOW CREEK**Joe Navarrete**, Airport Cooperative Research Program

Hear about the latest research projects from ACRP--the nation's only program to provide evidence-based solutions to meet the day-to-day challenges directly identified by the airport community. Learn how to submit research ideas, volunteer and conduct research, and implement results at your airport.

EXHIBITOR BOOTH NUMBERS

Deseret UAS	1	AOPA	21
Classic Air Medical	2	EAA	22
Horrocks	3	Thales	23
USU Dept of Mechanical & Aerospace Engineering	4	Focused Support	24
Women in Aviation	5	Duncan Aviation	25
ATA LLC	6	ACRP	32
Airport Monitoring Systems	7	DBT Transportation	33
B10 Capital	8	Virtower	34
Rocky Mountain Kitplanes	9	IMSAR	35
NV5 Geospatial	10	Guardian Flight	36
LIFT Academy	11	BrightPortal Resources, LLC	37
SayWeather	12	M-B Companies	38
UVU	13	EPS	39
Pilot Makers	14	1200.aero	40
Fortem Technologies	15	Lee Aerospace	41
Silent Falcon UAS	16	SUU	47
XeVision	17	Electrafly	49
Best Tugs	18	Sundance Media Group	50
SLC International Airport	19	Flight Level Engineering	56
SkyWest	20	USU	59

PARTNERS



DBT Transportation Services part of ADB SAFEGATE, started as a small family-owned company whose principals are aviation professionals steeped in high-end customer service. DBT is now a world-wide company providing Automated Weather Observation Systems and Service to a broad range of customers.



SkyWest Airlines operates through partnerships with United Airlines, Delta Air Lines, American Airlines and Alaska Airlines carrying more than 36 million passengers in 2021. Headquartered in St. George, Utah, our fleet of over 500 aircraft connects passengers to nearly 250 destinations throughout North America.



Guardian Flight is a leading provider of air medical services, transporting patients in remote and rural settings to large hospitals in metropolitan areas. We use the most advanced equipment, quality aircraft, and most importantly, trained and experienced staff to accomplish our mission of saving lives and caring for the communities we serve. For more information about Guardian Flight, visit www.guardianflight.com and follow us on Facebook, Twitter, Instagram and LinkedIn.



Virtower is designed for airport leadership to gain real-time operational data 24/7. Virtower monitors key airport operational parameters including takeoffs, landings, touch and go's, pavement utilization and based aircraft operations. While providing a quick and easy noise complaint investigations tool for all customers. Over 100 Airports have selected Virtower in the last 16 months.

PARTNERS



Horrocks Engineers' aviation staff members have experience working with local, state, and federal entities on various airport projects. We provide program management, design, and construction services for all types of aviation projects, including terminal airside and landside, runways, aprons, navigation aids (NAVAIDS), fueling systems, and environmental.



Founded in 2011 in Logan, UT, Focused Support provides mission execution software and professional services to commercial and government agencies. Focused Support provides operationally-suitable hardware and software solutions that support various unmanned operations in North America and overseas."



IMSAR, a global leader in the development of high performance multi-mode radar systems capable of all-weather imaging, monitoring, and surface search. Our radars are simple to integrate on manned and unmanned aircraft of all sizes. The radars complement FMV and EW systems, increasing mission capability and effectiveness.



Connectsix LLC (Clearwater, Florida) manufactures an affordable AWOS alternative called SayWeather. SayWeather provides an AWOS-like surface advisory, on demand, to pilots operating at non-AWOS-equipped airports. Installing SayWeather cost-effectively ensures that pilots are situationally aware well before take-off or approach to landing. Options include lighting control, visibility and sky condition.

PARTNERS



At UVU, we don't cut corners. As we focus heavily on quality in academics and flight training, our stellar graduates are our product, entering a rapidly growing industry with the knowledge, training, and experience to make significant contributions. Online and traditional degrees offered in Professional Pilot, Aviation Management, and Aerospace Technology Management.



Fortem Technologies is the leader in airspace awareness, security, and defense for detecting and defeating dangerous drones. Through an advanced, end to end system of distributed radar, AI at the Edge, deep sensor integration, and autonomous drone capture, Fortem monitors and defends the world's venues, infrastructures, cities, and regions.



As the oldest and largest dedicated airport law practice in the country, Kaplan Kirsch & Rockwell LLP assists airports of all sizes with a panoply of legal issues, including compliance with federal obligations, environmental concerns, airport development, and administrative and judicial litigation.



Thales Airspace Mobility Solutions, Americas, oversees navigation and non-radar surveillance, surface radar systems, and air traffic control and digital aviation solutions; part of a global business line addressing the challenges of evolving airspace solutions for traditional users and the emerging UAS /advanced air mobility (AAM) community. Visit www.thalesgroup.com

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HAI is the professional trade association for the international helicopter industry and represents more than 1,100 companies and over 16,000 industry professionals in more than 65 countries. HAI is dedicated to the promotion of vertical flight as a safe, effective method of commerce and to the advancement of the international vertical flight community.



For over 30 years, Classic Air Medical has been providing transport in the states of Arizona, Utah, Colorado, Idaho, New Mexico and Wyoming. We have a reputation for excellent patient care and safety, providing critical care transport from rural hospitals and emergency scenes using rotor and fixed-wing aircrafts.



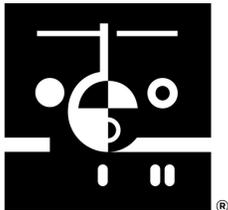
In just over 8 years, Southern Utah University Aviation has become an industry leader in aviation training. With degree emphasis areas in rotorcraft, fixed wing, maintenance, unmanned aircraft, and aviation leadership, we have offerings for almost anyone with a desire to work in aviation, and advanced courses for those already flying.



Precision Propeller, located in Boise, Idaho. Free pickup and delivery service available to the Salt Lake Valley. Call to schedule. Quick turnaround times and honest and fair pricing. Hartzell, McCauley, Mt Propeller, Sensenich, Hamilton Standard. Overhauls, Reseals, Dress and Repaint, Dynamic Balancing.

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Duncan Aviation is the largest privately owned business jet service provider in the world. With complete Maintenance, Repair and Overhaul service at three US facilities, strategically placed regional shops, and mobile technical teams able to provide services worldwide, we help business aircraft operators get the most value from their aircraft ownership.



ATA is a LAANC USS that provides software and services that enable state and local government to make public navigation and ground based data services available to the UAS community.

Deloitte.

Deloitte US Drone Services brings the technical capabilities, relationships, and subject-matter proficiency to help clients navigate the disruptive and emerging world of unmanned aerial systems (UAS). Striking a balance between innovation and risk mitigation, our team combines experience from across the UAS ecosystem, including UAS manufacturers, regulatory bodies, state and local governments, federal agencies, and other commercial vendors spanning all sectors, to assist clients with the integration of UAS into their businesses.



EPS: We reduce the cost and emissions of aircraft by providing batteries and battery chargers to replace fossil fuel engines. We're hiring many positions!! You can find all our open requisitions on our careers page at: www.epsenergy.com

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BlynCSY uses AI to deliver intelligence on the systems that move people to make our transportation systems smarter, safer and more efficient.



Founded in 1973, and serving the airport community exclusively since 1985, Armstrong Consultants, Inc. currently serves over 100 airports and has completed over 2,500 airport projects throughout the western United States. Armstrong prides itself on being a leader in airport engineering, planning, construction administration, operations and management consulting, and marketing.



Airport Monitoring Systems: We provide easy, affordable, flexible access to the detailed aircraft operations information you and your consultants need for FUNDING, PROJECTS, MANAGEMENT, COMMUNITY RELATIONS AND MARKETING. We make the invisible, visible and make you look good for a little more than \$100 per month.



Pilot Makers Advanced Flight Academy is a Part 61 flight school in Provo, UT. We advocate for teaching advanced pilot skills to offset the increasing reliance on technology. We also want to give aviators the opportunity to enhance their flying skills and knowledge through tailwheel and aerobatic training.

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Best Tugs has the sleekest, smartest, and safest aircraft tugs in history. Designed by pilots, for pilots, every tug comes standard with plane-specific software, intuitive controls, torque management, and smart charge technology. Best Tugs is the most innovative tug on the market, guaranteed.



At B10 Capital, our mission is to help the builders, creators, and innovators of the world reduce or eliminate their largest business expense: taxes. We specialize in R&D tax credits, ERC credits, and a host of other high-level strategies to minimize capital gain or ordinary income tax liabilities.



Flight-Level Engineering: We operate two In-Flight Simulation aircraft (5-DOF and 6-DOF) and two mobile variable stability ground simulators with programmable active feel systems and head up displays. Our short course offerings include a variety of ground and in-flight options.



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PHASE 2 IS COMING IN 2023-24.

It's been more than a year since The New Salt Lake International Airport opened its doors and gates to the world. The views, the technology, the efficiencies, the space—they've all helped make The New SLC Airport one of the most modern and beautiful to travel through.

But we're not done yet and The New SLC is going to get even better. Work on Phase 2 (set for completion in 2023-2024) has begun, and when finished, will offer even more flights to more destinations, more shops, more restaurants, more art installations, and shorter walking distances between terminals.

Get to know all about your new SLC at slcairport.com



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