6 NOV 2025 | PALO ALTO, CA

WEeVTOL GROUP

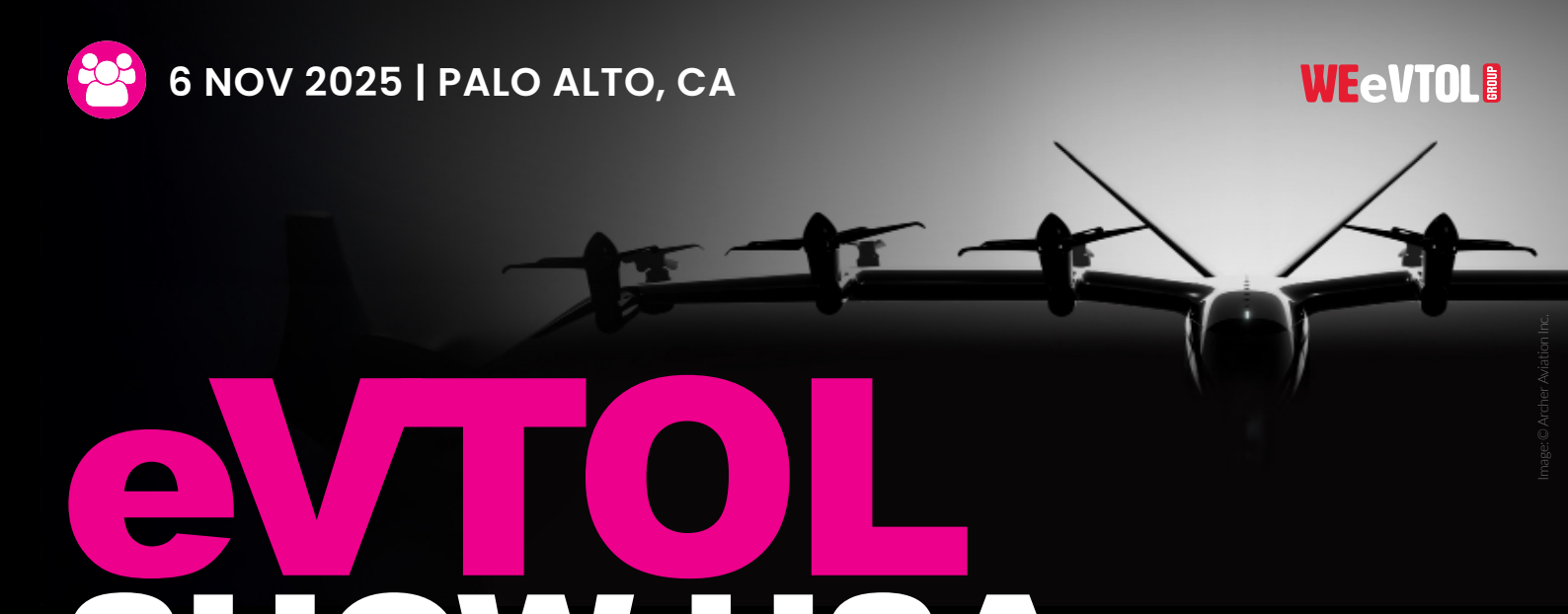


Image: © Archer Aviation Inc.

eVTOL SHOW USA

POWERING THE FUTURE OF URBAN FLIGHT

- LIGHTWEIGHT MATERIALS
- MANUFACTURING
- BATTERY THERMAL MANAGEMENT
- AVIONICS
- BATTERY SYSTEMS & TECHNOLOGY
- CHARGING INFRASTRUCTURE
- VERTIPORT
- SAFETY CERTIFICATION

FOR SPEAKING, SPONSORSHIP & EXHIBIT POSITIONS ENQUIRE HERE

2025 PARTNERS

ARCHER

PIVOTAL

Joby

JAUNT

EHANG | 亿航

wisk

HEADLINE SPONSOR

EJOT ATF

NETWORK BREAK SPONSORS

Amphenol

Glenair

TPC | THE PARTNER COMPANIES

CO-SPONSORS

ALAKA'I TECHNOLOGIES
element
DORONI
AdvanTech INTERNATIONAL
SFO SAN FRANCISCO INTERNATIONAL AIRPORT
ptc
WINGARD MANUFACTURING SOLUTIONS
PIASECKI AIRCRAFT
ANRA TECHNOLOGIES
OAK RIDGE National Laboratory
theion
TE connectivity
ramco
KAMAN
HEXCEL
SOUNDCOAT
CR flight
MIGHTY Fly
DRONE INDUSTRY SYSTEMS, CORP.
QuantumScape
COHERENT
TECHNOLOGY MARKETING INC.
BLOOMY
AVL
LYTEN
TORAY
DEWESoft measurement innovation
HESSE MECHATRONICS
SimuTech Group
Lufthansa Consulting
Federal Aviation Administration
Tampa International Airport
JLMAG
TRUMPF
NEOGRAF SOLUTIONS
skyway
SKYPORT
LifePort
VARON
LuftCar
r-tek Thermal Solutions
taylor devices inc.
ResinFormulators INNOVATIVE MATTERS
Electric Air mobility
KISTLER measure. analyze. innovate.
VAC VACUUMSCHMELZE
XFLIER The Ultimate eVTOL
QUANTUM3D
L&L Products
barich
DASSAULT SYSTEMES
CAMP

1 DAY TECHNICAL AGENDA

60+ EXPERT SPEAKERS

100+ EXHIBIT SHOWCASES

700+ GLOBAL ATTENDEES

WELCOME TO THE EVTOL SHOW USA 2025

THE USA's PREMIER TECHNICAL GATHERING OF eVTOL INDUSTRY LEADERS, INNOVATORS AND ENGINEERS

JOIN 700+ eVTOL PROFESSIONALS

The eVTOL SHOW USA equips manufacturers and their suppliers with the cutting-edge tools, technologies, and connections needed to accelerate commercial roll-out. Explore advanced materials, innovative systems, and state-of-the-art processes that provide powerful manufacturing advantages and operational insights. Gain a competitive edge and ensure your operations thrive in an evolving, digitally intelligent landscape. Join us to discover the future of eVTOL manufacturing and drive the industry forward.

1-DAY, TECHNICAL AGENDA

The global eVTOL manufacturing landscape is undergoing rapid transformation, and the industry needs ingenuity, collaboration and innovation to scale-up and roll-out. With an interactive technology showcase, thought-provoking presentations, and strategic networking sessions, the eVTOL SHOW USA empowers manufacturing leaders and their suppliers to navigate this evolution and address shared challenges to drive long-term growth.

60+ INDUSTRY EXPERT SPEAKERS

Do you have ground-breaking insights and innovative solutions in the eVTOL industry? We invite you to join our line-up of 60+ expert speakers at this year's eVTOL Smart Manufacturing USA Summit. Submit your presentation and become a part of our thought leadership community, where you can share your knowledge, engage with industry leaders, and drive the future of aerospace manufacturing.

Don't miss this opportunity to showcase your expertise and contribute to the conversation on the latest advancements and trends in eVTOL technology. Submit your presentation today and help shape the future of the industry!

100+ EXHIBITOR SHOWCASE

Seize the opportunity to sponsor and exhibit at the eVTOL SHOW USA 2025 and position your company at the forefront of the aerospace industry. Our Technology Showcase offers unparalleled visibility and access to key decision-makers, industry leaders, and potential clients.

By sponsoring or exhibiting, you can demonstrate your innovative solutions, connect with top-tier professionals, and drive your business forward. Highlight your cutting-edge technologies and establish your brand as a leader in the rapidly evolving eVTOL sector.

SHAPING THE FUTURE OF THE EVTOL LANDSCAPE

Join North America's premier assembly of eVTOL designers, engineers, and senior executives as we concentrate on scaling up eVTOL production at the continent's largest technical conference and exhibition for eVTOL professionals. This distinguished event will feature a series of in-depth case study presentations, interactive panel discussions, and exclusive networking opportunities, providing a unique platform for industry experts to collaborate and innovate.

CONFERENCE TOPICS

eVTOL Market And Value Chain

The eVTOL industry is rapidly developing, and understanding its value chain and key use cases is crucial for stakeholders. This topic explores the entire value chain of eVTOLs, from design and manufacturing to deployment and operation. It includes an in-depth analysis of market trends, key developments, and the challenges of building and running the necessary ground infrastructure, including overcoming the "Not In My Backyard" syndrome.

Automation And Digital Manufacturing

Automation and digital processes are transforming eVTOL manufacturing. This topic focuses on the need for advanced, automated, and digital manufacturing processes, managing the extensive use of automation, and adopting the latest tools and processes in production. It also examines the influence of automotive industry practices and biomimicry in cabin design.

Environmental And Operational Sustainability

Achieving environmental sustainability is a key goal for the eVTOL sector. This topic explores how to design eVTOLs to meet environmental sustainability requirements, noise and vibration mitigation strategies, and learning from experiences in the EV and grid storage spaces. It also addresses managing lifecycle challenges in battery technology and ensuring sustainable operations.

Airspace And Traffic Management

Effective airspace management is essential for the successful integration of eVTOLs into urban environments. This topic addresses how eVTOLs will be handled in the airspace, including the creation of a new low altitude air traffic management system.
It also explores the incorporation of multiprotocol label switching for faster connections and the potential necessity of IFR for short flights, along with the challenges of establishing rooftop vertiports.

Advanced Propulsion Systems

Innovation in propulsion systems is critical for the performance and efficiency of eVTOLs. This topic delves into the latest advancements in electric propulsion technologies, hybrid systems, and new materials that enhance propulsion efficiency. It also examines the challenges of thermal management and noise reduction in propulsion systems

Certification And Safety

Navigating the certification process and ensuring safety is paramount in the Evtol industry. This topic covers the certification process and handling of safety concerns, including coordination with the FAA and EASA, the use of performance-based requirements, and overcoming differences in certification standards. It also examines compliance with RTCA DO-311, SAE AIR6897, and FAA AC 20-184, as well as approaches to managing thermal runaway risks in lithium-based chemistries.

Infrastructure Development And Urban Integration

The successful deployment of eVTOLs requires extensive infrastructure planning and development. This topic explores the challenges and solutions related to urban integration, including the development of vertiports, ground infrastructure, and charging stations. It also covers regulatory and zoning issues, and strategies for ensuring community acceptance.

Pilot Training And Simulation

Training pilots for eVTOL operations is essential for safety and efficiency. This topic covers simulation for eVTOL pilot training, including the use of full-motion flight simulators and mixed-reality simulators. It emphasizes the importance of advanced training tools and techniques to prepare pilots for the unique challenges of operating eVTOL aircraft.

Autonomous Flight And Control Systems

Autonomous flight technology is a game-changer for the eVTOL industry. This topic covers the development and implementation of autonomous flight and control systems, including AI and machine learning applications, sensor technologies, and redundancy systems to ensure safety. It also discusses the regulatory and ethical considerations of autonomous flight.

Design And Production Systems

Designing and finalizing prototypes while building robust production systems is a critical phase for eVTOL manufacturers. This topic delves into finalizing and freezing designs to build conforming prototypes and focuses on building out efficient production systems. It also covers advanced modeling and simulation, overcoming manufacturing and supply chain challenges, and ensuring structural integrity with composites and thermoplastic resin systems.

Data Management And Cybersecurity

Managing data and ensuring cybersecurity are major concerns for the eVTOL industry. This topic covers data management strategies, cybersecurity protocols, and the importance of protecting sensitive information. It also explores the role of blockchain and other advanced technologies in enhancing data security.

Interior Design, Materials, And Haptics In eVTOLs

The interior design of eVTOLs plays a crucial role in passenger comfort, safety, and overall experience. As the industry evolves, there is a growing focus on utilizing advanced materials and haptic technologies to create a sophisticated and immersive environment within the cabin. This topic explores the latest trends and innovations in eVTOL interior design, the use of cutting-edge materials, and the integration of haptic feedback systems to enhance the passenger experience.

Regulatory Landscape And Policy Development

Navigating the regulatory landscape is a significant challenge for the eVTOL industry. This topic covers the current state of regulations, the role of international aviation authorities, and the development of policies that facilitate the safe and efficient operation of eVTOLs. It also explores the impact of emerging regulations on the industry and strategies for compliance.

Battery Technology And Energy Management

Battery technology is a cornerstone of eVTOL performance and efficiency. This topic addresses managing battery recharging times, increasing range, and shortening turnaround times. It explores the challenges of using off-the-shelf EV batteries, developing batteries tailored to eVTOL needs, and overcoming issues related to cycle life, energy density, and feasibility. Additionally, it includes discussions on solid-state batteries, sodium-ion batteries, hydrogen fuel cells, and managing temperature parameters.

AGENDA 2025

WEeVTOL GROUP

08:20 | Welcome address

A Defining Year for Advanced Air Mobility

Nicolas Zart, *Founder,* ***Electric Air Mobility/ Vertiport Infrastructure***

Commercial pilots-to-service, sharper **FAA/EASA** guidance, better batteries & thermal strategies, and tighter links with airports/vertiports are reshaping AAM. Cut through the noise to what actually moved in 2025—and what it means for NA programs in 2026.

- 2025 milestones that change certification, ops, and investment.
- Current technical/regulatory blockers and near-term remedies.
- Where OEMs, Tier-1s, and airports are placing 2026 bets.
- High-value collaboration lanes (OEM–airport–city–utility).
- Concrete actions to de-risk manufacturing and route launch.

08:40 U.S. Department of Transportation

eVTOL Integration Pilot Program (eIPP): Fast-Tracking U.S. Leadership in Electric Air Taxis

TBA (Federal/State Program Lead + OEM/City Partner)

The eIPP links OEMs, regulators, airports/ vertiports, utilities, and cities to stand up real-world eVTOL pilots—creating rulebooks, ops playbooks, and community models that compress time-to-market.

- How eIPP pilots shorten certification/ops timelines.
- Roles for OEMs, suppliers, regulators, and municipalities.
- Path to approval: Bridging prototype tests to commercial ops pre–full TC.
- Pilot structure, evaluation criteria, and timelines.
- Community engagement, noise KPIs, transparency.
- Turning pilot artifacts into national standards and SOPs.

09:00 Joby

From Vision to Vertiports: Accelerating Commercial Readiness at Scale

Eric Allison, *Chief Product Officer,* ***Joby Aviation***

With certification pathways firming up and public-private coalitions forming, the question is speed: how quickly can safe, reliable eVTOL services be woven into airspace, cities, and daily life? This session distills what it takes to move from flight tests to scalable operations.

- **Close out certification:** Coordinate final findings with multi-region regulators.
- **Sync with infrastructure:** Align aircraft needs to **vertiport, ATC/UTM, and grid** timelines.
- **Evolve the model:** Government/defense/ commercial partnerships that unlock routes.
- **Build at rate:** Localized supply chains, factory automation, and QA at scale.
- **Win public trust:** Live demos, transparent noise/ENV data, and community playbooks.
- **Operationalize:** Airline-style simulations > schedule reliability & turnaround SOPs.
- **Measure what matters:** KPIs for safety, on-time performance, cost, and customer experience.

09:20 Federal Aviation Administration

Airspace 3.0: Operationalizing Advanced Air Mobility in a Digitally Managed Sky

TBA (FAA/ANSP Digital Integration Lead + Industry Partner)

As low-altitude traffic scales, the NAS shifts from analog procedures to **digital traffic services** where pilots, AI, and algorithms share the sky. This session turns policy and pilots into an executable framework for corridors, flight rules, automation thresholds, and cross-domain ops.

- Transition steps from legacy ATC to **corridor-based**, **service-oriented** airspace.
- Tech baselines for **DAA, conformance monitoring, contingencies**.
- Playbook for **eVTOL–UAS–conventional** coexistence in CTR/Class G.
- Tie **thermal/SoC profiles** to routing and separation in dense ops.
- Bake environmental/noise constraints into route and procedure design.
- Lessons from **FAA corridors, UTM pilots, international trials** > artifacts you can reuse.
- Data, APIs, performance requirements, and governance for "**airspace as a service**."

09:40 ARCHER

From Prototype to Production: Scaling Archer's Midnight for Commercial and Defense Operations

TBA, Archer Aviation (Midnight Program / Industrialization & Ops)

Archer is moving from certification readiness to real operations—standing up production, aligning supply chains, and preparing for high-visibility deployments (e.g., LA 2028) while addressing defense use cases. This session distills what it takes to industrialize Midnight and operate across diverse environments and stakeholders.

- Understand the **manufacturing and supply chain challenges** in scaling eVTOL production.
- Explore how **defense-sector requirements** influence design, certification, and operational strategies.
- Assess how **environmental testing** in diverse conditions (e.g., desert heat, urban density) informs certification and commercialization.
- Gain insight into how early deployment models, such as **Olympic air taxi services**, can shape broader eVTOL adoption.
- Evaluate the balance of **commercial and defense priorities** in accelerating market entry.

10:00 VOLTAIQ

Breaking the Limits: High-Energy-Density Battery Systems for Next-Gen eVTOL Performance

Tal Sholklapper, *CEO & CoFounder,* ***VOLTAIQ***
Eli Leland, *CTO & Co-Founder,* ***VOLTAIQ***

Range, payload, and turnaround live or die on the pack. This session turns high-energy designs into cert-grade, operable systems—balancing Wh/kg, C-rate, and safety with manufacturability and serviceability.

- **Solid-state readiness:** Feasibility/timelines; **oxide vs sulfide**; pack **Wh/kg** targets; DO-311A/abuse impact.
- **Dense packs:** Cell-to-pack, firebreaks; venting/gas management; fast fault isolation.
- **Thermals:** Plates vs immersion/hybrid; TIMs, vapor chambers; turnaround heat removal.
- **Fast charge (no plating): SoC windows,** pre-heat/cool, charge profiles, pad-power planning.
- **Safety/propagation:** Early **TR** detect, quench/ contain, pressure/off-gas sensing; post-event safe state.
- **Serviceability/swaps: Blind-mate HV/ coolant**, rapid BMS reprovisioning; line-replaceable modules.

10:20 Henkel

Next Generation Structural Paste Adhesives: Designed for Rapid eVTOL Assembly

Kaspar Schaerer, *PhD Manager of Product Development,* ***Henkel***

Overcoming the natural limitations of traditional structural pastes and adhesives is a key step in the assembly of eVTOLs and supports the rapid transition from certificationto large- scale commercialization. Technological breakthrough approaches to address bonding of uneven parts, extended open time combined with short cure time and film like superior mechanical properties will be presented.

- Bonding parts: Uneven surfaces: Pastes versus films adhesives.
- Surface treatment: Metal, thermosets and thermoplastic composite materials.
- Mechanical properties: Increased toughness after high temperature cure.
- Mechanical Limitations: Temperature and strength requirements.
- Raw Materials: Unique combinations of resin and toughening agents.
- Application: Paste versus films, temperature, open time and cure time.
- Automation: Status and future designs.
- Sustainability: TSCA&REACH, waste and energy reduction.

10:40

Urban Whisper: Aeroacoustic Modeling and Noise Optimization

Distributed electric propulsion near buildings changes the rules. This session turns state-of-the-art CAA + community noise tools into quiet designs, routes, and vertiport decisions that pass scrutiny and win public trust.

- **Know the source:** DEP tonal/roughness traits—why legacy models miss urban eVTOL.
- **Model right: LES/VLES > CAA (FW-H)** and far-field propagation in city canyons.
- **Design levers:** Rotor config/RPM, tip-speed caps, approach angles, and clocking.
- **Map communities:** 3D exposure grids with building scatter/reflections & directivity.
- **Quiet procedures:** Flightpath shaping for approach/transition; vertiport siting rules.
- **Validate & iterate:** Tunnel/pad arrays > model correlation; KPI set (SEL, tonality).
- **Communicate impact:** Clear visuals & thresholds to support permitting and outreach.

#EARLY BIRD RATE ENDS 16th OCTOBER 2025

OEM/Manufacturer **$800** | Vendor/Supplier **$1,300** | evtolshowusa.com

11:00

Mission-Critical by Design: Building eVTOL-Ready Components that Don't Fail

Dan Brumlik, *Founder & Co-Chairman,* ***TPC***

This session unpacks TPC's approach to engineering and manufacturing mission-critical components and assemblies for next-gen aircraft, with an emphasis on requirements flow-down, design-for-reliability, qualification, and production discipline suited to eVTOL and uncrewed platforms.

11:10

Engineering Espresso Break

Hosted By TPC THE PARTNER COMPANIES

11:40

Multiscale Battery Simulation for eVTOL Design, Safety & Performance

Roberto Licata, *Aerospace & Defense Industry Solution Experience Director,* ***Dassault Systèmes***

From chemistry to full aircraft, multiscale simulation is now central to hitting eVTOL targets for power density, thermal control, safety, life, and certification. This session shows how to link material, cell, module, and pack models into aircraft-level simulations that de-risk design and shorten test programs.

- **Unify the physics:** Couple **electrical–chemical–thermal–mechanical** battery models.
- **Scale the model:** Material/cell > module/pack > aircraft-level energy & heat flows.
- Predict aging & safety: SOC/SOH drift, degradation, **TR onset/containment**.
- **Thermal design:** Evaluate **cooling concepts** and turnaround heat removal in mission profiles.
- **Virtual validation:** Use **DoE/MBSE** to cut rigs/tests and generate cert-ready evidence.
- **Digital thread:** Integrate battery models with **aircraft sims** (performance, dispatch, HIL).
- **KPIs to target:** Wh/kg, C-rate, temps, life accrual, reliability margins—by mission.

12:00

Sensor-Driven Structures & Smart Components: Enabling High-Performance, Electrified eVTOL Systems

Adrian Serna, *Business Development Specialist,* ***AdvanTech International***

Lightweight airframes now double as sensing platforms. This session shows how mechanical joining, thermal hardware, and embedded sensors come together to deliver precise control, reliability, and cert-ready performance for electric flight.

- **Join to perform:** How forming/joining choices (fasteners, AI bolts, inserts) affect stiffness, fatigue, and **battery integration.**
- **Cool at the interface:** Role of **terminal pins, busbars, cooling plates/TIMs** in pack-level thermal/electrical performance.
- **Sense & control:** Sensors for **position/torque**, motor control, **IMU/INS,** and nav feeding propulsion & autonomy.
- **Structure as a sensor:** Strain/FBG/vibration routes for **SHM** and condition-based maintenance.
- **EMC-aware hardware:** Grounding, shielding, and connector layout that keep signals clean.
- **Integrate disciplines:** Mechanical + electrical co-design for **weight, reliability, and cert evidence**.
- **Design for service:** LRU access, blind-mate power/coolant, and diagnostics for fast turnarounds.
- **Prove it:** Component-to-system test flow and data needed for certification.

12:20

Advancing HIL & SIL Validation for eVTOL: From Tip to Battery to Tail

Peter Blume, *President,* ***Bloomy***

SIL/HIL turn design intent into cert-grade evidence—before flight. This session shows how modular, scalable benches validate propulsion, BMS, flight controls, and avionics under real-time scenarios, faults, and environmental edge cases to cut risk, cost, and schedule.

- **Why now:** Use **SIL/HIL** to de-risk certification and compress test cycles.
- **Architect the rigs:** Modular benches that model **full-aircraft behavior** (FCC, BMS, drives, avionics).
- **Fault with purpose:** Structured **fault injection** (shorts, sensor drift, timing, OEI) with coverage metrics.
- **Autonomy & energy:** Validate **autonomous logic** and **energy management** under realistic missions.
- **Automate evidence:** Trace **requirements** > **tests** > **reports**; configuration control for repeatability.
- **Integrate & scale:** Tie benches into **MBSE/PLM**, reuse for regression, end-of-line, and in-service incident replay.
- **Cert alignment:** Build test artefacts regulators accept—**DO-178C/254, SC-VTOL** safety cases.

12:40

Beyond Lithium-Ion: Unlocking eVTOL Range with Lithium-Sulfur Crystal Batteries

Dr. Ulrich Ehmes, *CEO,* ***Theion***

Theion's crystal-structured lithium-sulfur (Li-S) concept targets step-change Wh/kg (claimed up to ~3× vs conventional Li-ion) with cobalt/nickel-free cathodes—promising lighter packs, lower cost, and new mission envelopes for eVTOL.

- **Electrochem basics:** How crystal Li-S cathodes and solid-state design drive energy density.
- **Thermal & safety:** Heat generation, TR risk profile, and high-power behavior for VTOL phases.
- **Performance over life:** Degradation modes, recharge efficiency, cycle/ calendar life for aviation duty.
- **eVTOL fit:** Pack-level implications—weight savings, C-rate, redundancy, and turnaround.
- **Sustainability edge:** No Co/Ni bill of materials; carbon footprint considerations.
- **Certification hooks:** Evidence needs vs DO-311A/DO-160, abuse tests, containment & venting.
- **Path to market:** Pilot programs, manufacturing scale-up, and operator trial frameworks.
- **What to watch:** Readiness indicators—cell specs, pack demos, and independent validation.

13:00

Scaling Cobalt-Iron Lamination Stacks for High-Performance eVTOL Propulsion

Niklas Volbers, *Director of Advanced Research,* ***VAC Magnetics***

Cobalt-Iron (CoFe) cores enable higher magnetic induction, unlocking 20–30% torque/power density gains for compact eVTOL motors. This session turns material advantage into repeatable production: segmented aero-grade stacks, precision insulation, and QC that scales.

- **Why CoFe:** Magnetic/mechanical advantages > higher torque density, cooler operation.
- **Stack design:** Segmented laminations for efficiency, NVH, and compact architectures.
- **Make it repeatable:** Precision stamping/laser, burr control, interlock/bonding, insulation systems.
- **Prove the properties:** Inline QC—B-H curves, core loss, coating integrity, dimensional Cp/Cpk.
- **Thermal & NVH ties:** Eddy-loss mitigation, ventilation paths, and acoustic damping.
- **Integration:** CoFe with SiC drives and high-slot-fill windings for system gains.
- **Scale-up playbook:** Vertical integration, supplier qual, and R&D loops for aero-grade yield.

13:20

Advanced Composites for eVTOL: Engineering Lightweight, Resilient Structures for Next-Gen Flight

Composites carry the eVTOL business case—mass, stiffness, crashworthiness, and rate. This session turns material choices (thermosets, thermoplastics, fiber systems) into cert-ready designs for propulsion housings, crash-resistant battery enclosures, and cabins.

- **Hit the weight targets:** Translate range/performance goals into laminate & core specs.
- **Pick the right resin:** Thermoset vs thermoplastic for strength, cycle time, and repair.
- **Battery safety first:** Fire-/heat-resistant enclosures, vent paths, and containment.
- **Propulsion structures:** Motor/inverter housings—thermal interfaces, EMI shielding, NVH.
- **Lightning & corrosion:** LSP meshes/foils/veils, grounding, and barrier schemes.
- **Joints that last:** Co-cure, secondary bond, hybrid bolt/bond with NDI at thin gauge.
- **Manufacture at rate:** AFP/ATL, RTM, press-formed TP, in-mold sensing, SPC.
- **Cert evidence:** Coupons > elements > sub-components > articles; repair substantiation.
- **Sustainability & REACH:** Recyclable TP routes, LCA metrics, and compliant chemistries..

13:40 | NETWORKING LUNCH

14:20

The New MRO Paradigm for eVTOL Commercialization

eVTOL fleets change everything: HV propulsion, dense electronics, thin-gauge composites, and software-heavy systems require modular design, data-driven maintenance, and new skills. This session turns that into a scalable aftermarket playbook.

- **Design for uptime:** Modular LRUs, access, standard tools—minutes, not hours.

#EARLY BIRD RATE ENDS 16th OCTOBER 2025

OEM/Manufacturer **$800** | Vendor/Supplier **$1,300** | evtolshowusa.com

- **Electric propulsion care:** Motors/inverters/PDU diagnostics and safe-power SOPs.
- **Battery lifecycle:** Health diagnostics, event analysis, swap/repair rules, second-life.
- **Composite repairs:** Thin-gauge NDI, scarf/patch standards, cure control at the line.
- **Predict & prevent:** AI/IoT + digital twins for CBM and reliability dashboards.
- **Records & config:** Tail-number baselines, software/BMS traceability, eLogbooks.
- **Training & approvals:** New cert paths, licensing, and safety culture for HV & autonomy.
- **Supply & spares:** Rotables, kitting, AOG recovery, and vendor SLAs that scale.

14:40 OAK RIDGE National Laboratory

Flight-Cycle Demands on Battery Performance: Advanced Materials & Testing for eVTOL Propulsion

Ilias Belharouak, *Head of Electrification Section,* ***Oak Ridge National Laboratory***

eVTOL aircraft place unprecedented demands on battery systems—especially during high-power phases like vertical takeoff, hover, and rapid descent. Attendees will explore how advanced materials, novel electrolytes, and real-world flight simulations are reshaping lithium-ion battery design for electric aviation. Key insights will include how extreme power draw affects thermal behavior, structural integrity, and long-term battery health.

- **Understand how eVTOL flight profiles**—including takeoff, hover, and cruise—affect battery power and thermal performance.
- **Evaluate lithium-ion behavior under high-load, pulsed, and extreme conditions**, and its implications for degradation and safety.
- **Explore advanced in-situ testing methods** for tracking chemical and mechanical changes in battery materials.
- **Learn about new high-energy materials and electrolytes** developed to enhance energy density, cycle life, and thermal stability.
- **Gain insight into how test data informs the safe design and certification** of eVTOL battery systems.

15:00 LYTEN

Lithium-Sulfur Batteries: Scaling High-Energy Chemistries for Flight-Ready Performance

Dennis Wang, *Lead Systems Engineer,* ***Lyten***

Breakthroughs in lithium-sulfur cell chemistry—enabled by 3D graphene architecture—are addressing key aerospace requirements for energy density, weight reduction, and safety. The session will dive into how lithium-sulfur technology eliminates reliance on critical minerals like nickel and cobalt, offers enhanced thermal stability, and delivers the gravimetric energy needed for extended eVTOL missions.

- Lithium-sulfur vs. lithium-ion: energy density, thermal stability, and sustainability
- Role of 3D graphene in enabling sulfur cathode conductivity and cycle life
- Elimination of nickel and cobalt: supply chain, cost, and safety advantages
- System-level benefits for eVTOL: weight reduction, extended range, and fire mitigation
- Manufacturing considerations and challenges for aviation-grade lithium-sulfur cells
- Lyten's roadmap to scalable deployment and aviation pilot programs.

15:20 PIASECKI AIRCRAFT

Hydrogen & High Altitude: Technical Realities and Opportunities for Zero-Emission eVTOL Propulsion

John Piasecki, *President & CEO,* ***Piasecki Aircraft Corporation***

Hydrogen can unlock longer range and higher payloads—but only if stack, storage, safety, and infrastructure come together. This session turns hype into hardware choices and cert-ready plans for urban and regional missions..

- **Integrate the powertrain:** Fuel-cell stack + DC/DC + battery buffer sizing for VTOL transients.
- **Pick storage wisely:** LH_2 vs 350/700-bar—mass/volume, boil-off, venting, and crashworthiness.
- **Meet VTOL power peaks:** Hybrid H_2-battery strategies for takeoff/landing without oversizing.
- **Mission trades:** When fuel cell, battery, or hybrid wins by route, payload, climate.
- **Safety by design:** Leak detection, inerting, ignition control, and post-event safe states.
- **Certification path:** Evidence needs adapted from automotive/space to SC-VTOL/DO-160.
- **Vertiport readiness:** Pads, H_2 storage, refuelling interlocks, and emergency procedures.
- **Scale the supply:** Sourcing aviation-grade H_2, logistics, and cost trajectories.

15:40 SimuTech Group

High-Fidelity CFD Methods for Quadcopter Propulsion–Fuselage Interaction

Jeff Collins, *Staff Engineer,* ***SimuTech Group***

Capturing rotor–airframe coupling is key to performance, control authority, and cert evidence. This session shows how to push Ansys Fluent with 6-DOF motion, Virtual Blade Model (VBM), overset meshes, and UDFs to model take-off and acceleration accurately.

- **6-DOF dynamics:** Set up true take-off/acceleration simulations.
- **Prop–body coupling:** Use VBM + overset meshing to resolve fan–fuselage interactions.
- **Extend Fluent:** Apply UDFs for custom motion, controls, and force models.
- **Validate & tune:** Correlate with test data; sensitivity to grid/time-step settings.
- **Speed vs fidelity:** When to use VBM vs resolved blades; cost/performance trade-offs.
- **Actionable workflow:** A ready-to-adopt setup template for eVTOL/drone studies.

16:00 ABA battery.aero

Pushing the Boundaries of Energy Density: Lithium-Metal Batteries with Nickel-Rich Cathodes for Next-Gen eVTOL Aircraft

Venkat Viswanathan, *Faculty Leader, University of Michigan & Co-Founder,* ***And Battery Aero***

Lithium-metal anodes paired with nickel-rich cathodes promise step-change Wh/kg and Wh/L—but only if power fade, interphase stability, and safety are solved for eVTOL duty cycles. This session connects lab breakthroughs to flight-relevant metrics.

- **Anode–cathode pairing:** Why Li-metal + Ni-rich cathodes raise energy density.
- **Taming power fade:** Mechanisms of voltage decay/capacity loss at high C-rates—and fixes.
- **Electrolytes that last:** Formulations/interphase additives to curb dendrites & impedance.
- **SEI/CEI control:** Diagnose + stabilize interphases for reliable high-power output.
- **Flight metrics:** Map cell gains to range, turnaround, thermal stability, and cycle life under VTOL profiles.
- **Safety hooks:** Abuse response, thermal mitigation, and pack-level implications for certification.
- **Path to packs:** Scale-up considerations—manufacturability, quality windows, and test evidence.

16:20 AIRGO

Metal Replacement for Next-Generation Battery Enclosures: Composite and Modular Solutions for eVTOL Platforms

Joshua Thean, *Head of Composite Engineering,* ***AirGo***

Lightweighting and safety compliance are critical to certifying and scaling eVTOL platforms. This session highlights two breakthrough approaches that replace traditional metal enclosures with advanced composite and modular designs:

- **AI-Accelerated Fiber-Reinforced Thermoplastics (FRTC):** Leveraging ATLAS-AI CAE software to cut simulation cycles from weeks to hours, improve accuracy by 90%, and reduce computing loads by 70%.
- **Lightweighting Case Studies:** Results from Autoliv, Safran, and Lear demonstrating >70% weight savings and >90% CO_2 reductions compared to metal solutions.
- **Modular Battery Enclosures:** A novel cell-holder architecture 90% lighter than conventional designs, with ultrathin 0.5 mm walls for maximum packaging efficiency.
- **Thermal Runaway Containment:** Proven ability to contain 100% SOC thermal events, limiting neighboring cells to <100°C under trigger conditions at 460°C.
- **High-Voltage Safety & Scalability:** Full insulation up to 3000V DC and rapid, high-volume assembly validated through OEM-level vibration, drop, and thermal safety testing.

16:40 EHANG 亿航

From Certification to Commercialization: Global Lessons from China's First Type-Certified eVTOL

Zhang Hong, *Vice President,* ***EHang***

The certification of EHang's EH216-S in China marked a historic milestone for the eVTOL industry, transitioning from prototype development to authorized commercial operations. This achievement provides critical insights for stakeholders across the globe as they navigate the complex path from type certification to large-scale commercialization.

- **How they certified:** TC + airworthiness under CAAC—evidence, test flow, and audit rhythm.
- **Mind the gaps:** CAAC vs FAA vs EASA—where rules align, where they diverge, what to bridge.
- **Ops readiness:** Safety cases, vertiport integration, SOPs for day-one reliability.
- **Scale smart:** What China's deployment teaches about public acceptance and U-space/ATM integration.
- **Global roadmap:** Reusing artifacts for international validation and faster market entry.

#EARLY BIRD RATE ENDS 16th OCTOBER 2025

OEM/Manufacturer **$800** | Vendor/Supplier **$1,300** | evtolshowusa.com

17:00

From Ground Operations to Certification: Lessons in Delivering Safe and Scalable BVLOS eVTOL Cargo Missions

Chen Rosen, *CTO,* ***AIR***

As the eVTOL ecosystem matures, the operational and certification frameworks for cargo missions are advancing rapidly. Beyond the technical milestones of aircraft design, the successful delivery of eVTOL cargo services requires seamless integration of ground crews, robust BVLOS (Beyond Visual Line of Sight) operational protocols, and innovative approaches to aircraft certification.

- **Ground Crew Integration:** Training, procedures, and communication protocols to ensure safe BVLOS cargo operations.
- **Operational Lessons Learned:** Practical insights from delivering eVTOL aircraft and conducting real-world cargo missions.
- **Certification Strategies:** The potential of Light Sport Aircraft classification as a stepping stone for eVTOL certification and commercialization.
- **Safety and Scalability:** How BVLOS operations, ground infrastructure, and certification frameworks combine to support safe scaling of eVTOL cargo missions.
- **Industry Roadmap:** Aligning operational experience with regulatory progress to accelerate cargo eVTOL deployment.

17:20

Certifiable Interconnects for High-Voltage eVTOL & AAM

Mike Ghara, *Director of Engineering,* ***Glenair***

Distributed Electric Propulsion (DEP) turns every nacelle into a powertrain—and your connectors, cables, and grounding become safety-critical flight hardware. This quick for intro translates eVTOL electrical realities into certifiable interconnect architectures: lightweight HV power feeders, high-density signal/data connectors for avionics and actuators, and EWIS practices that survive real flight environments and scale to production.

17:30

Afternoon Refuel & Connect

Hosted By Glenair

18:00

Designing Luxury in the Sky: Meeting Passenger Expectations for eVTOL Cabin Interiors

High-net-worth individuals—especially in early-adopter regions like the UAE—are setting a new standard for passenger experience. A recent Aircraft Interiors Expo (AIX) survey reveals that over 96% of affluent prospective eVTOL passengers expect bespoke, culturally-sensitive interiors, and over 83% consider current business jet cabins outdated.

This session explores how OEMs, interior designers, and material suppliers can redefine short-haul air taxi interiors to match and exceed these elevated expectations. Designing ultra-premium interiors for sub-30-minute flights.

- Regional design considerations (e.g. Gulf-influenced aesthetics and cultural sensitivities).
- Modular cabin layouts and flexible seating for small group travel.
- Custom lighting, entertainment, and personalization technologies.
- Why the eVTOL industry is uniquely positioned to leapfrog traditional private aviation standards.

18:20

Scaling Beta Technologies' ALIA for Certification, Defense, and Global Operations

Yesaswi Chilamkurti, *Battery R&D,* ***BETA Technologies***

BETA's 2025 milestones—urban Class B operations (JFK), special airworthiness progress on ALIA CX300, global demos, and a hybrid-electric turbogenerator program with GE Aerospace—show a dual path: all-electric certification and hybrid scalability for defense and long range. This session distills the technical and operational playbook behind that transition.

- **Urban integration:** Lessons from Class B ops—ATC procedures, noise envelopes, pad turnarounds.
- **Hybrid extension:** Turbogenerator architecture (power split, thermal, EMI) for range/payload.
- **Cert & demos:** Aligning U.S./EU evidence—SACs, conformity artifacts, and demo-to-cert data reuse.
- **Battery readiness:** Pack safety (TR detect/contain), fast-turn charging windows, cold/hot ops.
- **Training & sims:** High-fidelity simulation for pilot conversion and operator SOP development.
- **Defense ops:** What thousands of Agility Prime movements say about reliability and supportability.
- **Global playbook:** Site activation—from grid/H2 planning to spares/MRO and data reporting.

18:40

LG Energy Solution's Battery Innovations and Partnerships for Next-Gen eVTOL Aircraft

Robert H. Lee, *President NA and CSO,* ***LG Energy Solution***

LGES is tailoring chemistries, formats, and safety tech for aviation while leveraging auto-scale manufacturing and strategic UAM partnerships. This session translates those assets into cert-ready packs for eVTOL programs.

- **Partner to accelerate:** UAM collaborations (e.g., Hanwha, PLANA) > integration, data, and supply alignment.
- **Pick the format:** Pouch vs 4680-class cylindrical—energy, power, packaging, and serviceability trade-offs.
- **Engineer for extremes:** Cell designs for high Wh/kg, high C-rate, and hot/cold operations.
- Safety by design: SRS® separators, coatings, and pack features for TR resistance and fault isolation.
- **Design flexibility:** Modular packs, cooling interfaces, and BMS options tailored to eVTOL layouts.
- **Scale & cost:** Tap global EV gigafactories and LFP/next-gen R&D for volume, quality, and competitive $/kWh.
- **Certification hooks:** Map cell/pack evidence to DO-311A/DO-160 and continued-airworthiness needs.

19:00

Wisk Aero's Path from Airspace Integration to Global Market Deployment

Backed by Boeing, Wisk is building an autonomy-first stack while laying the ground for infrastructure and regulatory acceptance. The SkyGrid acquisition, U.S./Japan airport partnerships, and a five-year NASA ATM-X collaboration point to a coordinated route from tech readiness to market launch for the Gen 6 autonomous aircraft.

- **Autonomy + UTM:** How SkyGrid strengthens real-time situational awareness, conformance monitoring, and contingency handling.
- **Vertiport readiness:** What MoUs with Signature, Miami-Dade, JAL Engineering mean for pads, power, and ops in Houston, Miami, L.A., and Kaga City.
- **ATM research to ops:** Using NASA ATM-X results to derisk integration with U.S. NAS procedures and services.
- **Global playbooks:** U.S. vs Japan deployment frameworks—what's reusable, what must localize.
- **Certification alignment:** Autonomy assurance, data/traceability, and milestones that sync engineering with regulatory pathways.
- **Operational safety case:** End-to-end evidence (flight rules, detect-and-avoid, health monitoring) for autonomous passenger service.

19:20

Thermal Management in UAV and eVTOL Batteries: Preventing Hot Spots, Extending Life, and Enhancing Safety

Andy Reynolds, *CTO,* ***NeoGraf Solutions***

Thermal control dictates range, life, and safety. This session turns materials-led and hybrid cooling into cert-ready designs—showing how graphite spreaders, TIMs, and targeted active cooling eliminate hot spots, slow degradation, and contain events.

- **Why thermals matter:** Cell temp spread > power fade, aging, and TR risk.
- **Choose the approach:** Passive vs active vs hybrid—weight, complexity, performance.
- **Materials in action:** SpreaderShield™ graphite, HiTherm™ TIMs, NeoNxGen® for hotspot control & propagation resistance.
- **Case lessons:** Ag UAVs (sustained power), delivery UAVs (lightweight hybrids), and scaling to eVTOL duty cycles.
- **Design details:** Vent paths, sensor placement, and turnaround heat removal for fast charging.
- **Evidence & cert:** Test matrices (cell>module>pack), TR containment demos, DO-160/DO-311A hooks.
- **Maintainability:** Service-friendly interfaces (blind-mate coolant), leak detection, and health monitoring.

19:40

Redefining Connectivity for Next-Generation eVTOL Platforms

Martin Cullen, *Senior Manager Business Development,* ***TE Connectivity***

This session will explore TE's latest innovations, including ultra-light composite connectors, shape-optimized power cables, and the "follow-the-wire" methodology for system-

#EARLY BIRD RATE ENDS 16th OCTOBER 2025

OEM/Manufacturer **$800** | Vendor/Supplier **$1,300** | evtolshowusa.com

level optimization, and how they are enabling certification-ready eVTOL designs.

- Understand how advanced composite materials are driving weight reduction in eVTOL connectivity systems.
- Explore power and data interconnect solutions optimized for high-voltage aviation requirements.
- Gain insight into SWaP-focused design strategies to maximize performance while minimizing weight and space.
- Learn how "follow-the-wire" methodologies improve safety, reliability, and maintenance efficiency.
- Assess how interconnect innovations are enabling certification and scalable production of eVTOL aircraft.

20:00

Airspace Integration for eVTOL Operations: Managing Traffic Complexity and Scaling Solutions

Safely blending eVTOL with legacy traffic demands new playbooks—geofencing, dedicated corridors, remote vertiport networks, and dynamic, data-driven traffic services. This session turns concepts into operational rules and interfaces that scale.

- **Design the airspace:** Interface eVTOL patterns with major-airport ops without adding controller load.
- **Keep it safe:** Separation strategies, conflict detection/resolution, and resilience to disruptions.
- **Geofence & corridorize:** Use controlled zones and "aerial highways" to simplify flows.
- **Network the pads:** Connect remote vertiports into U-space/UTM frameworks.
- **Go dynamic:** AI + real-time data for adaptive routing, metering, and demand/capacity balancing.
- **Measure & govern:** KPIs, data sharing, and roles/responsibilities across ANSPs, cities, and operators.

20:20

Scaling Autonomous Cargo eVTOL Operations: FAA Progress, BVLOS Expansion, and Commercial Applications

Manal Habib, *CEO & Aerospace Engineer,* ***MightyFly***

Cargo is the fastest on-ramp for autonomous eVTOL operations—fewer passenger constraints, higher risk tolerance, and clearer logistics ROI. This session maps the practical path from today's flight trials to scalable, revenue-generating networks: current FAA initiatives, BVLOS rulemaking and waivers, DAA/C2 approvals, ground ops standardization, and the commercial routes where autonomy pencils out first.

- Regulatory runway: How near-term FAA pathways (waivers, exemptions, type/production cert building blocks, 135 approvals) unlock autonomous cargo at scale—what's approved vs. what still needs data.
- BVLOS at scale: Architectures for Detect-and-Avoid (onboard + network), C2 link assurance, and CONOPS that meet corridor and contingency requirements.
- Operational economics: Dispatch reliability, pad/turn time, weather minima, battery cycle life, and cost-per-ton-mile—how to hit 85–90% availability.
- Safety case packaging: Data packages, FOQA/FRMS for autonomous ops, and how to convert pilot programs into repeatable approvals.
- Commercial beachheads: Middle-mile logistics, medical/critical spares, offshore/remote resupply, defense dual-use—what routes and partners de-risk first deployments?el shifts, utilization gains, and new service lines (cargo/regional/urban).

20:40 Horizon Aircraft

Fan-in-Wing Transition, Extended Range, and the Future of Sustainable Regional eVTOL Flight

Horizon Aircraft has emerged as a key innovator in hybrid-electric eVTOL development, achieving the first successful forward transition flight using its patented fan-in-wing design in 2025. Looking ahead, Horizon is partnering with ZeroAvia to explore hydrogen-electric propulsion integration, while also advancing full-scale demonstrator development supported by a strong financial base and design collaboration with Andrea Mocellin. This session will showcase the technical breakthroughs, propulsion strategies, and commercialization roadmap that position Horizon at the forefront of sustainable regional air mobility.

- Understand the **engineering challenges and solutions** behind fan-in-wing technology.
- Assess the **trade-offs of hybrid-electric propulsion** compared to all-electric eVTOL architectures.
- Explore how **hydrogen-electric systems** could extend the sustainability of regional eVTOL operations.
- Gain insight into the role of **industrial design and ergonomics** in shaping next-gen air mobility platforms.
- Learn how Horizon's **roadmap from prototype to commercialization** demonstrates a model for scaling regional hybrid eVTOL operations.

21:00 skyportz

Vertipads: Engineering, Safety & ROI for Real-World AAM

Clem Newton-Brown, *CEO & Founder,* ***Skyportz***

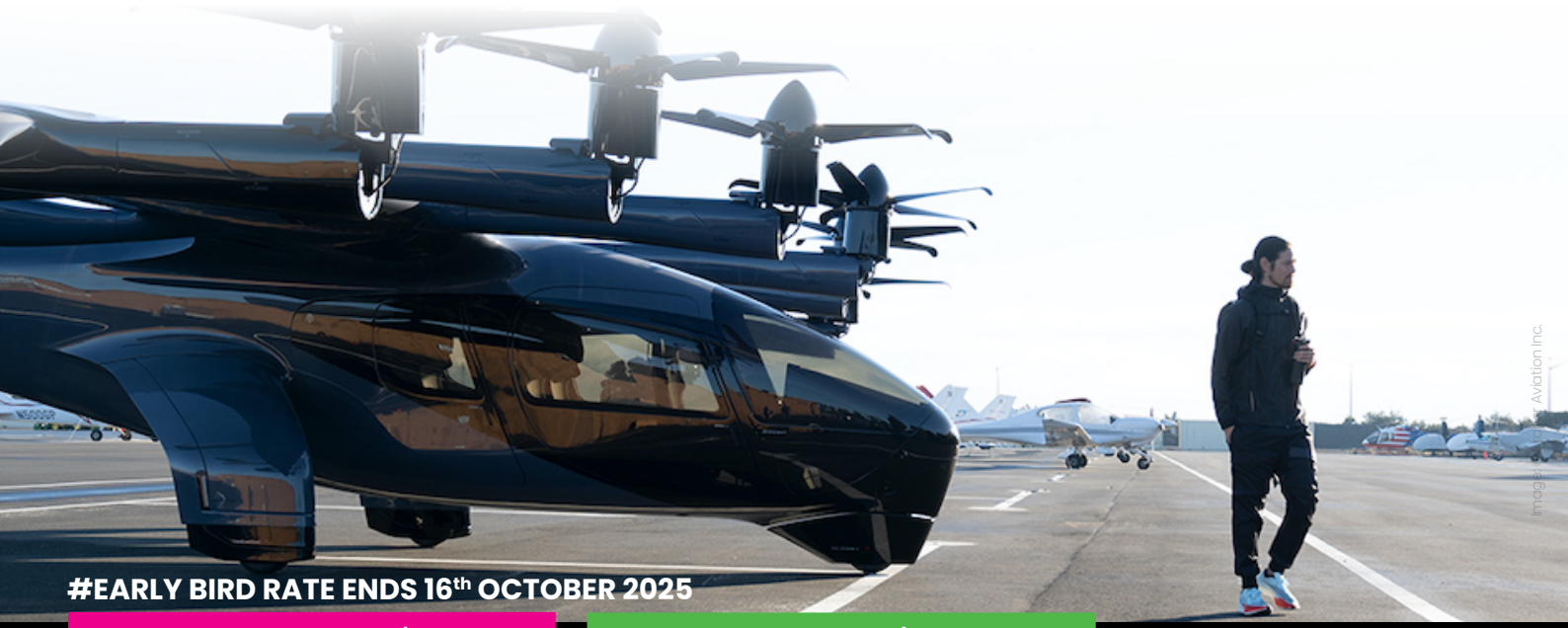
Justin Wiley, *Strategy & Development,* ***UC Berkeley ITS***

The technical realities—downwash/outwash, fire safety, noise, and community license—are colliding with hard questions about who funds, builds, and operates the first wave of pads. This session reframes "vertiports as infrastructure" into "vertipads as an investable product."

- Challenges of urban vertiports – Downwash/outwash, fire, noise, and safety considerations.
- Breaking up vortices – Explanation of the patented design and how it mitigates downwash and outwash.
- Noise and community licence – Disrupting windspeeds and the flow on benefits for noise amelioration.
- Fire safety – The "dunk tank" suppression systems to halt thermal runaway.
- The role of the property industry – The need for a minimum viable product to secure a multitude of vertipads.
- Who pays and is there a ROI? -Is there money to be made from building and operating vertiports?
- The cautionary tale – The Segway scooter failure. Awesome tech but a commercial flop
- IP for free – Collaboration opportunities for test beds, OEMS and early adopters. First USA site announced.

21:20 | Chair's Closing Remarks

Attendee Drinks Reception

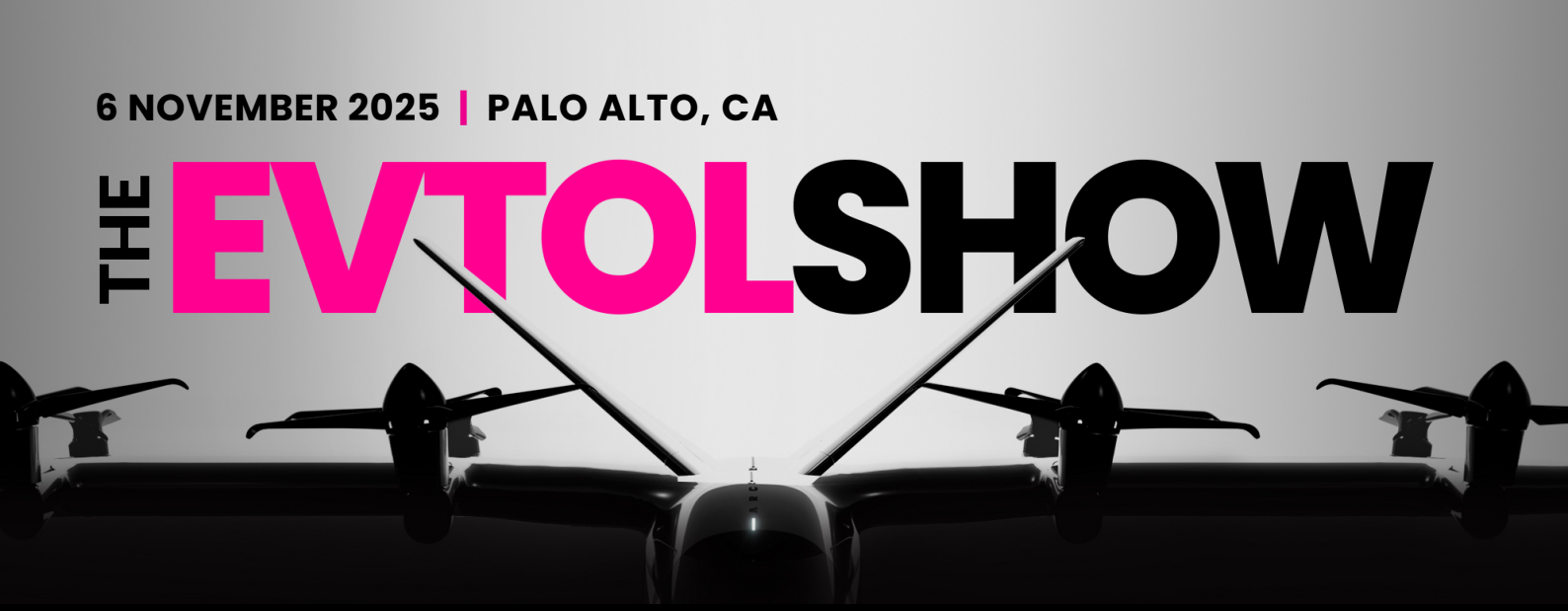


#EARLY BIRD RATE ENDS 16th OCTOBER 2025

OEM/Manufacturer **$800** | Vendor/Supplier **$1,300** | evtolshowusa.com

6 NOVEMBER 2025 | PALO ALTO, CA

THE EVTOL SHOW



UNLOCK EXCLUSIVE SAVINGS
RESERVE YOUR PLACE NOW!

EARLY Bird Rate - Offer Ends 16 October

$800

OEM / Manufacturer

- Prices include food & beverages, morning breakfast & coffee
- Networking breaks, coffee and snacks. Hot buffet luncheon
- Afternoon coffee break including soft drinks & snacks
- All attendee evening drinks reception – open bar

EARLY Bird Rate - Offer Ends 16 October

$1,300

Supplier / Vendor

- Prices include food & beverages, morning breakfast & coffee
- Networking breaks, coffee and snacks. Hot buffet luncheon
- Afternoon coffee break including soft drinks & snacks
- All attendee evening drinks reception – open bar

SUMMIT Rate

$999

OEM / Manufacturer

SUMMIT Rate

$1,500

Supplier / Vendor

FOR SPEAKING, SPONSORSHIP & EXHIBIT POSITIONS ENQUIRE HERE

info@we-automotive.com | US +001 (313) 799 2911 | evtolshowusa.com

EVTOL SHOW USA ATTENDEES BY COMPANY 2024

Archer Aviation, Joby Aviation, **Volocopter**, Lilium, **Vertical Aerospace**, EHang, **Bell Nexus**, Wisk Aero, **Jaunt Air Mobility**, Sabrewing Aircraft Company, **Lift Aircraft**, Manta Aircraft, **XTI Aircraft Company**, Jump Aero, **Transcend Air Corporation**, Electra.aero, **Skyryse**, AIR, **Samad Aerospace**, Rotor X Aircraft Manufacturing, **Urban Aeronautics**, AeroMobil, **Airbus Urban Mobility**, EVE, **Karem Aircraft**, Pipistrel, **Astro Aerospace**, Opener, **Geely**, Boeing, **Beta Technologies**, SkyDrive, **Skyports**, Urban-Air Port, **VPorts**, Volatus Infrastructure, **Lilium Network**, Vertiport Chicago, **Ferrovial Airports**, Munich Airport International (MAI), **Landing International**, InfraTech Aero, **Honeywell Aerospace**, Garmin, **Thales Group**, Collins Aerospace, **GE Aviation**, Safran, **Rolls-Royce**, Siemens eAircraft, **Leonardo**, Denso, **Eaton**, L3Harris Technologies, **Raytheon Technologies**, Toray Industries, **Hexcel Corporation**, Solvay, **SGL Carbon**, Teijin Limited, **Cytec Industries**, Mitsubishi, **Evonik Industries**, Arkema, **Dupont**, Henkel, **3M**, BASF, **PPG Industries**, Aleris, **Materion**, Amphenol Aerospace, **NASA**, FAA, **EASA**, Uber Elevate, **Boeing**, Airbus, **Lockheed Martin**, General Motors, **Stellantis**, Ford Motor Company, **Toyota**, Hyundai, **Honda Aircraft**, Bosch, **Panasonic**, Samsung SDI, **LG Chem**, Northrop Grumman, **KPMG**, Deloitte, **Skyports Infrastructure**, Skybase, **Urban-Air Ventures**, eVTOL Airport Solutions, **Airspace Experience Technologies**, Aeroport Mobility, **Horizon Urban Air Mobility**, SkyGate, **Airspace Systems**, FlytBase Vertiports, **Moog Inc.**, Parker Aerospace, **BAE Systems**, MTU Aero Engines, **MagniX**, Ampaire, **Spirit AeroSystems**, Meggit, **AeroVironment**, Kraton Corporation, **Kordsa**, Owens Corning, **Gurit**, Plasan Carbon Composites, **Park Aerospace**, AGY Holding Corp, **Chomarat Group**, SABIC, **Lanxess**, Victrex, **Aviation Industry Corporation of China (AVIC)**, Embraer, **Bombardier**, Dassault Aviation, **Textron Aviation**, Bell Helicopter, **Piaggio Aerospace**, Aurora Flight Sciences, **Textron Systems**, US Air Force, **Department of Transportation (DOT)**, National Renewable Energy Laboratory (NREL), **Federal Communications Commission (FCC)**, International Civil Aviation Organization (ICAO), **World Economic Forum (WEF)**, International Air Transport Association (IATA), **Air Line Pilots Association (ALPA)**, American Institute of Aeronautics and Astronautics (AIAA), **The Boeing Company**, General Electric (GE), **Lockheed Martin**, Raytheon Technologies, **Northrop Grumman**, Bechtel, **Fluor Corporation**, Accenture, **PwC**, Ernst & Young (EY), **McKinsey & Company**, Boston Consulting Group (BCG), **NeXt Aero**, Jetpack Aviation, **Alaka'i Technologies**, Yuneec International, **Hoversurf**, Terrafugia Transition, **AVX Aircraft Company**,Ascendance , **Vertiv**, Global Air Mobility Solutions, **SkyLanes**, Heliports of America, **SkyDock**, VertiPort Americas, **SkyGrid**, Urban Port, **Elevated Networks**, Metro Skyways, **CityAir Ports**, Curtiss-Wright, **Harris Corporation**, Viasat, **LORD Corporation**, Esterline Technologies, **Rockwell Collins**, Teledyne Technologies, **ITT Corporation**, Schneider Electric, **Hexagon AB**, PPG Aerospace, **Dymax**

THOUGHT LEADERSHIP

Establish your company as a thought leader by showcasing your latest innovations, insights, and best practices on **the eVTOL Show 2025** stage. Deliver a keynote address, participate in a panel discussion, or host a workshop to educate, inspire, and solidify your position as a leader in the industry.

MAXIMUM VISIBILITY

Elevate your brand's presence by connecting with a targeted audience of **eVTOL designers, engineers, manufacturing experts,** and **strategists**. Boost your visibility through prominent logo placement as an event sponsor and captivate the delegation with an engaging and interactive exhibition booth.

NETWORKING OPPORTUNITIES

Forge impactful connections and collaborations with key decision-makers, influential leaders, existing and prospective customers at the largest global gathering of eVTOL manufacturers and operators. Enjoy extensive networking opportunities throughout the day, followed by a drinks reception and exclusive VIP dinners.

#SHOWCASE YOUR TECHNOLOGIES AND SOLUTIONS AT THE EVTOL SHOW 2025

PRESENT | SPONSOR | EXHIBIT | NETWORK

CONTACT US

EVTOL SHOW USA ATTENDEES BY JOB TITLE 2024

Chief Executive Officer (CEO), Chief Technology Officer (CTO), **Chief Operating Officer (COO)**, Chief Financial Officer (CFO), **Chief Innovation Officer (CIO)**, Chief Commercial Officer (CCO), **President**, VP of Engineering, **VP of Manufacturing**, VP of Operations, **VP of Research & Development (R&D)**, VP of Product Development, **VP of Business Development**, Lead Engineer, **Principal Engineer**, Senior Engineer, **Systems Engineer**, Electrical Engineer, **Mechanical Engineer**,Aerospace Engineer, **Software Engineer**, Design Engineer, **Structural Engineer**, Propulsion Engineer, **Test Engineer,Materials Engineer**, Manufacturing Engineer, **Production Engineer**, Quality Assurance Engineer, **Reliability Engineer**, Safety Engineer, **Integration Engineer**, Simulation Engineer, **Firmware Engineer**, Controls Engineer, **Battery Systems Engineer**, Battery Pack Engineer, **Power Electronics Engineer**, Battery Management Systems (BMS) Engineer, **Energy Storage Engineer**, Thermal Management Engineer, **Director of Research & Development (R&D)**, R&D Manager, Innovation Manager, **Development Engineer**, Product Development Manager, **Experimental Test Pilot**, Aerodynamics Specialist, **Battery R&D Scientist**, Battery Chemist, **Materials Scientist**, Supply Chain Manager, **Logistics Manager**, Procurement Manager, **Materials Manager**, Inventory Manager, **Operations Manager**, Warehouse Manager, **Supply Chain Analyst**, Distribution Manager, **Director of Business Development**, Strategy Manager, **Market Development Manager**, Partnerships Manager, **Strategic Alliances Manager**, Client Relations Manager, **Industry Analyst**, Director of Regulatory Affairs, **Compliance Manager**, Certification Manager, **Quality Manager**, Regulatory Affairs Specialist, **Environmental Compliance Manager**, Safety Compliance Officer, **Director of Operations**, Operations Manager, **Production Manager**, Plant Manager, **Operations Analyst**, Production Planner, **Lean Manufacturing Specialist**, Six Sigma Black Belt, **IT Manager**, IT Infrastructure Manager, **Cloud Solutions Architect**, Cybersecurity Specialist, **Network Engineer**, Systems Administrator, **Director of Marketing**, Communications Manager, **Brand Manager**, Technical Support Engineer, **Director of Finance**, Financial Analyst, **Controller**, Legal Counsel, **Battery Systems Engineer**, Battery Pack Engineer, **Battery Management Systems (BMS) Engineer**, Battery Design Engineer, **Power Electronics Engineer**, Battery Research Scientist, **Battery Chemist**, Energy Storage Engineer, **Battery Thermal Management Engineer**, Battery Testing and Validation Engineer, **Materials Engineer**, Composite Materials Engineer, **Advanced Materials Scientist**, Polymer Scientist, **Metallurgist**, Nanomaterials Engineer, **Materials Testing Engineer**, Structural Materials Engineer, **Surface Coatings Engineer**, Manufacturing Engineer, **Production Engineer**, Industrial Engineer, **Process Engineer**, Automation Engineer, **Additive Manufacturing Specialist**, CNC Programmer, **Lean Manufacturing Specialist**, Quality Control Inspector, **Assembly Line Supervisor**