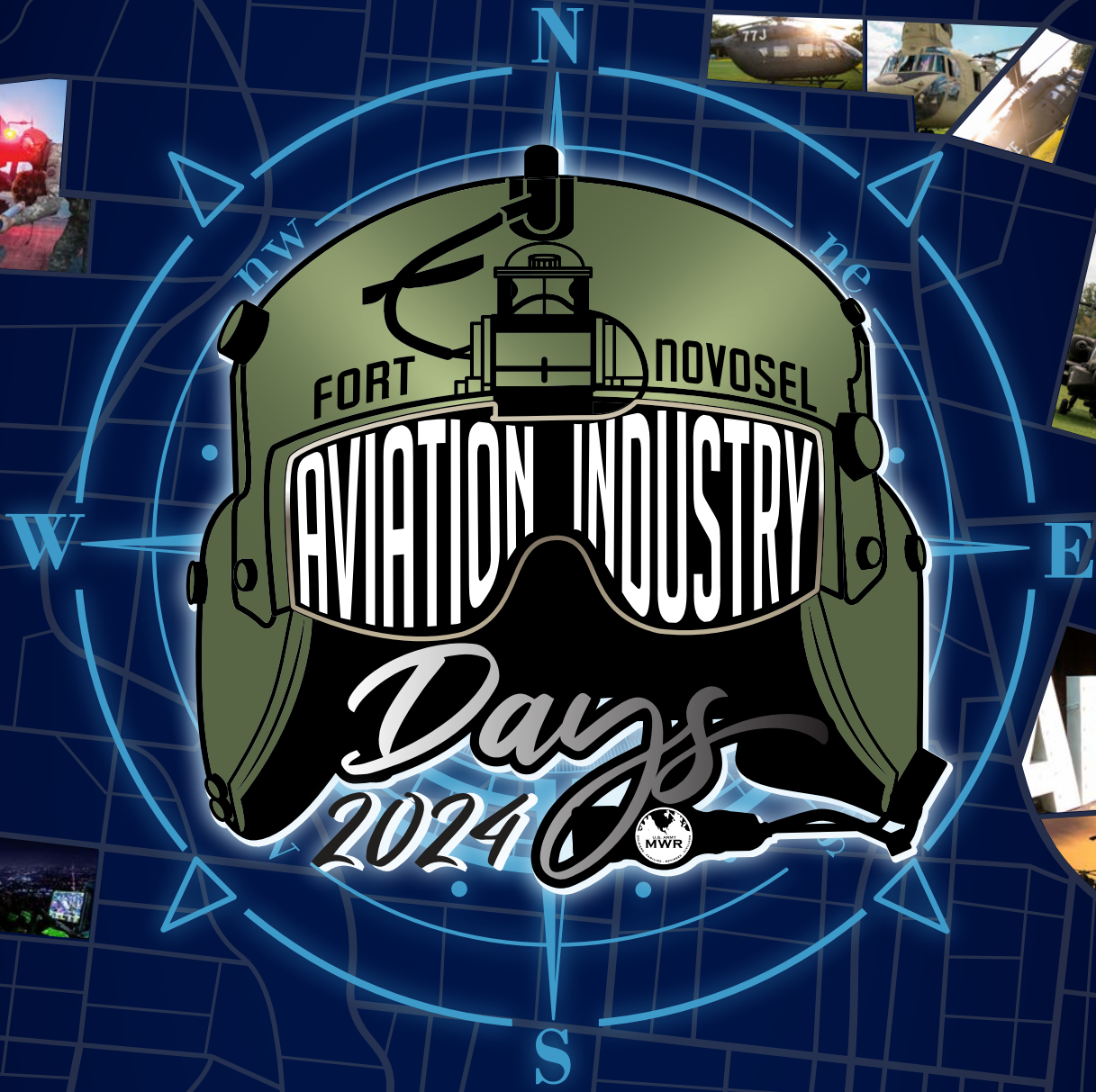


# U.S. ARMY AVIATION CENTER OF EXCELLENCE DOMINATING FROM THE AIR-GROUND LITTORAL



**6-8 AUGUST 2024**

**FORT NOVOSEL, ALABAMA**

Home of Army Aviation



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# INDUSTRY DAYS EXPO SCHEDULE

## 6 AUG

## TUESDAY

|           |                       |                 |
|-----------|-----------------------|-----------------|
| 0830-1700 | Industry Booth Setup  | The Landing     |
| 1700-1900 | Industry Social Event | Aviation Museum |

## 7 AUG

## WEDNESDAY

|             |  |             |
|-------------|--|-------------|
| 0630-0800   | <b>Breakfast</b> (Provided for paid attendees)                               | The Landing |
| 0830-1630   | <b>Industry Expo: Booth &amp; Static Displays</b>                            | The Landing |
| 0830-0835   | COL Ruisanchez- Welcome  | Theater     |
| 0835-0915   | MG Gill — Opening Remarks and Branch Update                                  | Theater     |
| 0915-0945   | MG Barrie — ASA (ALT) Update   | Theater     |
| 0945-1015   | MG McCurry — AFC Update (2040-2050)  | Theater     |
| 1015-1030   | Break  |             |
| 1030-1100   | MG (P) Francis — TRADOC / Army 2030 Update                                   | Theater     |
| 11:00-11:30 | BG Phillips (PEO AVN) — Program Update                                       | Theater     |
| 1130-1150   | MG Robinson (AMCOM) — Aviation Sustainment Update                            | Theater     |
| 1150-1210   | BG Harrington (I CORPS) — Reflections on MDTF Operations in the INDO-PACIFIC | Theater     |
| 1210-1315   | <b>Lunch</b> (Provided for paid attendees)                                   | The Landing |
| 1315-1345   | BG Braman (DAMO AV) — Operations Update                                      | Theater     |
| 1345-1415   | COL Cook (FVL CFT) — FVL, EDGE Update  | Theater     |
| 1415-1445   | SES Dolbeer (AvMC S&T) — S&T Update  | Theater     |
| 1445-1700   | Dedicated GOSC Booth Time  | The Landing |
| 1700-1900   | Industry Social  | The Landing |

## 8 AUG

## THURSDAY

|           |   |             |
|-----------|---|-------------|
| 0630-0800 | <b>Breakfast</b> (Provided for paid attendees)    | The Landing |
| 0830-1200 | <b>Industry Expo: Booth &amp; Static Displays</b> | The Landing |
| 0900-1200 | <b>Briefs and Updates</b>                         | The Landing |
| 1210-1315 | <b>Lunch</b> (Provided for paid attendees)        | The Landing |

# WELCOME

On behalf of Major General Clair A. Gill, Commanding General, U.S. Army Aviation Center of Excellence, and Fort Novosel MWR, we extend a warm welcome to the 11th Annual Army Aviation Industry Days at Fort Novosel.

Following the success of the 2023 expo, Fort Novosel is thrilled to host Aviation Industry Days once more. This year's event will bring together over 400 industry participants and feature more than 50 exhibits showcasing the latest advancements in aviation technology from experts across the nation. Booths and static displays will be open to the public starting on Wednesday at 0830 until 1630, and on Thursday from 0830 to 1200. A comprehensive schedule of briefings will include presentations by leaders, experts, and top minds in military and civilian aviation. Briefings and discussion panels will kick off on Wednesday at 0830 at the Post Theater and are scheduled throughout the day, concluding at 1515. Briefings will resume on Thursday at 0900 at The Landing inside The Legends and will conclude at 1200.

While Aviation Industry Days is focused on excellence in dominating from the air-ground littoral, there will also be opportunities for relaxation and networking with colleagues in a more casual setting. The first of our social events is scheduled for Tuesday evening at the U.S. Army Aviation Museum, starting at 1700. The museum boasts a collection of over 160 military aircraft, including one of the world's largest assortments of military helicopters. Approximately 50 beautifully resorted historic and unique aircraft are proudly displayed both inside the museum's 70,000 square feet of exhibit space and outside on the museum's grounds.

The second social event will take place on the expo floor inside The Landing on Wednesday evening at 1700. The Landing is our premier banquet and event venue, and it is also home to Welcome Home Catering, the catering service that will be providing food and beverages throughout our Aviation Industry Days. Additionally, Joey's Brew offers coffee beverages made from locally sourced, roasted coffee beans and is conveniently located inside the facility for your enjoyment.

Whether you are an attendee, participant, sponsor, or partner of this year's Aviation Industry Days, we would like to express our gratitude for your support of the United States Army Aviation Center of Excellence, its Soldiers, and their families at Fort Novosel.



**Shannon Burke**  
Marketing Director  
Fort Novosel Family & MWR

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Fort Novosel MWR



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System Studies & Simulation, Inc.





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# Exhibitor Profiles



**Advanced Helicopter Services** ..... 40  
**ADVANCED HELICOPTER SERVICES (AHS)** brings together a talented team of technicians with over 100 years of combined experience in helicopter support & services. Delivering global field support, avionics integrations & upgrades, OEM factory trained technicians, 24/7 AOG support & dedicated LUH-72 engine field service team in Dothan, AL.  
 What drives us? Passionately going beyond the expected. For us, this means providing a level of service & support that builds lasting relationships & creates raving fans. Stop by our booth & let's talk.



**Aechelon Technology, Inc.** ..... 2  
 Aechelon Technology, Inc. is a leading provider of visual simulation image generator, mixed reality solutions, association services for the US Government and Government Prime Contractors. As we celebrate our twenty-sixth year, Aechelon Technology is proud to maintain an unparalleled track record in program deliveries for the US Marine Corps, US Navy, US Air Force, US Army, Special Operations Command, the US State Department Foreign Military Sales programs and the US Coast Guard, with excellent Past Performance Evaluations.



**Airbus Helicopters Inc** ..... 9  
 AIRBUS is the leading supplier of helicopters in the United States, with a market share of nearly 73% and a presence dating back more than 50 years. A team of more than 725 employees operates local production and completion facilities for the H125 and UH-72 Lakota aircraft in Columbus, Mississippi, and provides world-class training, aftermarket support, and technical assistance from Grand Prairie, Texas, for the North American regional in-service fleet of nearly 3,100 helicopters. In addition, the AIRBUS capabilities portfolio includes satellites, high-altitude pseudo satellites, uncrewed or optionally piloted aircraft, UAS with vertical take-off/ landing, and SATCOM radio terminals.



**Akima** ..... 46  
 Akima is a global enterprise with 10,000 employees, delivering solutions to the federal government in the core areas of information technology, facilities & ground logistics; aerospace solutions; protective services; systems engineering; mission support; furniture, fixtures & equipment (FF&E); and construction. As a subsidiary of NANA, an Alaska Native Corporation owned by more than 15,000 Iñupiat shareholders, Akima's core mission is to enable superior outcomes for our customers' missions while simultaneously creating a long-lived asset for NANA consistent with our Iñupiat values. In 2024, Akima ranked #29 on Washington Technology's Top 100 list and has remained in the top 70 of Bloomberg Government's BGOV200 list of top federal contractors since 2021.



**Amentum** ..... 17  
**SOLVING WHAT'S NEXT:** Amentum's extensive experience meeting and exceeding the U.S. Army's aviation mission requirements makes us the trusted partner for our Aviation Warfighters.  
 Amentum is the largest aviation services provider for the U.S. Army, U.S. Navy, U.S. Coast Guard, and the U.S. Department of Homeland Security. Throughout our century-plus partnership with the Army, Amentum is committed to Soldier and unit readiness and stands ready to support in all domains...air, land, sea, space, and cyberspace.  
 Amentum provides a complete range of sustainment, operations, maintenance, modernization, and training solutions to create enduring value for the Army.

Amentum is the U.S. government's leading partner supporting both CONUS/ OCONUS programs for AMCOM, PEO AVN, USAACE, AETC, SAMD and others.  
 Headquartered in Chantilly, Va., Amentum has more than 35K employees in 79 countries in all 7 continents. Visit us at [www.amentum.com](http://www.amentum.com) to learn how we deliver excellence for our customers' most vital missions.



**ASKA** ..... 34  
 NFT Inc., dba ASKA is an aviation company based in Mountain View, CA, developing the ASKA™ A5 roadable electric-hybrid VTOL. With its wings closed on top of the fuselage, it is a size of an SUV. A5 is designed to be fast, agile, and capable of operating in varied environments. This next-generation vehicle/helicopter is the new mobility solution for contested logistics, MEDEVAC, CASEVAC, reconnaissance, and special operations, closing the gap between VTOL and ground vehicles. The AI-based delivery platform will enable A5 to be the first ever autonomous vehicle for both ground and air missions. The fully-functional prototype is progressing with flight testing.

## Astronautics

**Astronautics Corporation of America** ..... 15  
 Astronautics is a global leader in the design, development, and manufacture of avionics equipment and systems for the commercial and military aerospace industry. Key product areas include electronic primary flight, multifunction, engine, and custom displays, connected aircraft and airborne cyber solutions, electronic flight bags, and certified servers for airborne applications. Services include avionics system integration and custom software for critical applications. Since its founding in 1959, Astronautics has been providing trusted, reliable, and tailored engineering solutions enabling aerospace OEMs and operators to achieve mission success. Astronautics is the parent company of Kearfoot Corporation, known for its guidance, navigation, and motion sensor products for sea, land, air, and space applications. For more information: [www.astronautics.com](http://www.astronautics.com).



**AVT Simulation** ..... 8  
 AVT Simulation is a premier small business systems integrator. AVT's highly specialized engineering staff has included some of the simulation industry's top leaders since its inception. Our dedicated staff, with an average of more than 25 years of simulation experience, provides specialized solutions like the Apache Gunnery Trainer (AGT)© and The Targeted Fidelity Aircrew Trainer for customers who require on-the-spot solutions to complex problems.



**Bell Textron, Inc.** ..... 31  
 Bell is delivering the next generation of Army Aviation with the Future Long Range Assault Aircraft. As the U.S. Army faces new challenges posed by the modern battlefield, the FLRAA weapon system introduces significant speed, range, and lethality to its fleet. Leveraging Bell's Modular Open System Approach (MOSA), the FLRAA weapon system is also designed to maintain overmatch as battlefields evolve and new technologies emerge. In support of FLRAA, Bell leads a team made up of world-class industrial partners who bring their expertise and innovative processes to mitigate technical risk and improve lethality of the weapon system for our warfighters.



**Boeing** ..... 32  
 As a leading global aerospace company, Boeing develops, manufactures and services commercial airplanes, defense products and space systems

# Exhibitor Profiles

for customers in more than 150 countries. As a top U.S. exporter, the company leverages the talents of a global supplier base to advance economic opportunity, sustainability and community impact. Boeing's diverse team is committed to innovating for the future, leading with sustainability, and cultivating a culture based on the company's core values of safety, quality and integrity. Join our team and find your purpose at [boeing.com/careers](http://boeing.com/careers).



## Bolt Byte Tools ..... 6

Bolt Byte Tools provides a "common sense" approach to maintenance procedures. Each durable, reusable board contains a picture and bolt pattern mirroring the object to be removed. This makes the teardown and reinstallation process more efficient with the hardware being placed back into the correct hole. It also makes it easier to see if a bolt is missing, eliminating the plastic bags. A Bar or QR code can be added for efficiency and organization.



## CAE ..... 11

At CAE, we equip people in critical roles with the expertise and solutions to create a safer world. As a technology company, we digitalize the physical world, deploying software-based simulation training and critical operations support solutions. Above all else, we empower pilots, cabin crew, airlines, and defense and security forces to perform at their best every day and when the stakes are the highest. Around the globe, we're everywhere customers need us to be with more than 13,000 employees in approximately 250 sites and training locations in over 40 countries. CAE represents more than 75 years of industry firsts—the highest-fidelity flight and mission simulators as well as training programs powered by digital technologies. We embed sustainability in everything we do. Today and tomorrow, we'll make sure our customers are ready for the moments that matter.



## CATI Training Systems ..... 27

CATI Training Systems provides industry-leading simulation products and engineering services for government, commercial, and civilian organizations around the world. For over twenty years, CATI has been providing the aviation industry with unparalleled rendering performance through advanced software algorithms and optimizations. CATI image generator systems are the ideal choice for the visualization of simulation training systems. CATI's X-IG® Image Generator and X-TENDED Reality™ (mixed/blended) solutions provide high-fidelity visualization and are 100% COTS PC-based and specifically designed around industry-standard OpenGL®, and OpenFlight®, the 3D standard format for the visual simulation industry. The X-IG® suite of tools and programs offers superior image fidelity, realism, and ease of integration with most simulation devices. Open architecture, COTS tools, and flexible interface options make X-IG® one of the most user-friendly options on the market. Low acquisition, low overhead, and reduced support costs also make it one of the most cost-effective simulation training solutions available.



## CymSTAR, LLC ..... 45

CymSTAR LLC is a leading provider of innovative training solutions and simulation systems for the defense industry. Specializing in the design, development, and support of advanced training devices, CymSTAR delivers customized, high-fidelity simulators that enhance the readiness and performance of military personnel. The company's expertise spans a wide range of platforms, including fixed-wing and rotary-wing aircraft, as well as ground and naval systems. CymSTAR's comprehensive services encompass engineering, manufacturing, integration, and maintenance, ensuring the delivery of turnkey training solutions tailored to meet specific client requirements. With a commitment to quality, innovation, and customer satisfaction, CymSTAR supports the U.S. Department of Defense and allied nations, contributing to the preparedness and effectiveness of modern military forces through state-of-the-art training technologies.



الشركة السعودية  
لتهنية و صيانة الطائرات

## GDC Middle East ..... 39

GDC Middle East targets four vital business areas in the aerospace arena, for civilian and military aircraft, within the Kingdom of Saudi Arabia. We provide Aerospace Engineering, Aerospace Integration, Aerospace Maintenance, Repair, and Overhaul (MRO), and all spectrum Aviation Training and Support Services.

GDC ME has designed and installed numerous integrated communications and navigation suites for the RSAF. Also, in support on the RSAF, GDC ME currently maintains Cessna Citation, C-12, C-130 fixed wing aircraft, as well as AS-532 and SA-330 helicopters. The 52 x C-130 fleet is the largest outside of the United States Air Force (USAF). Team GDC ME operates 2 x heliports and 1 airport, an Aviation Institute (college), maintains 145 rotary wing aircraft (AH-6i, AH-64E, MD-530, and UH-60M), initial through tactical level flight training, all logistics (Depot, SSA, and Unit Supply), and facilities maintenance for 3 separate Ministry of National Guard sites.



GE Aerospace

## GE Aerospace ..... 5

GE Aerospace is a world-leading provider of jet and turboshaft engines, components and systems for commercial and military aircraft with a global service network to support these offerings. GE Aerospace and its joint ventures have an installed base of more than 39,000 commercial and 26,000 military aircraft engines, and the business is playing a vital role in shaping the future of flight.

For more information, visit us at [www.geaerospace.com](http://www.geaerospace.com). Follow GE Aerospace on Twitter at [https://twitter.com/GE\\_Aerospace](https://twitter.com/GE_Aerospace), YouTube at <https://www.youtube.com/@GEAerospace>, Instagram: [https://www.instagram.com/ge\\_aerospace/](https://www.instagram.com/ge_aerospace/) and LinkedIn: <https://www.linkedin.com/company/geaerospace/>



GENERAL ATOMICS  
AERONAUTICAL

## General Atomics Aeronautical System, Inc ..... 18

General Atomics Aeronautical Systems, Inc. is the world's leading manufacturer of Unmanned Aircraft Systems, radars, and electro-optic and related mission systems solutions, including the Predator aircraft series of UAS.

The company provides long-endurance, mission-capable aircraft with the in-integrated sensor and data link systems required to deliver persistent situational awareness and rapid strike capabilities.

GA-ASI has delivered more than 1,000 aircraft in its 30+ year history. GA-ASI's UAS family includes Gray Eagle 25M (GE 25M), MQ-9A Reaper, Avenger, and MQ-9B SkyGuardian and SeaGuardian.

GE 25M is a modernized model of the Gray Eagle designed to meet the U.S. Army's needs for MDO capability for active duty and National Guard units. GE 25M is equipped with the new EagleEye multi-mode radar and electro-optical/infrared sensors and can host a wide range of kinetic and non-kinetic payloads. GA-ASI is leading the industry to new levels of performance, reliability, and operational capability. [www.gi-asi.com](http://www.gi-asi.com)



## Integration Innovation, Inc. (i3) ..... 1

i3 is a 100% team member owned technically diverse business solving the Nation's toughest problems. Headquartered in Huntsville, Alabama, i3 is focused on providing superior engineering, training, analytical and technology development services to our Government and commercial customers. We strive to create a positive environment that enriches the lives of our team members through a commitment to excellence, with the intent to identify emerging needs, encourage innovation, and make a meaningful impact on our Nation, its allies, and our community.



INTER-COASTAL ELECTRONICS

## Inter-Coastal Electronics, LLC ..... 28

Inter-Coastal Electronics (ICE) is a current US Army Aviation Program of

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Record holder for the Tactical Engagement Simulation System (TESS) that provides instrumentation tracking and engagement capability for AH-64, UH-60, CH-47 and LUH-72 aviation platforms. The complimentary Training ASE Stimulation Suite (TASS) stimulates the ASE to create realistic cockpit warnings and indications that require pilots to take appropriate action to avoid being engaged. TESS is currently fielded to 11 Countries and 11 CTCs; TASS is at 4 CTCs, and both are expanding worldwide.



## IMSAR ..... 38

Founded in 2004, IMSAR is a privately owned business that designs, builds, and supports security and intelligence products. We strive to provide manned and unmanned platforms with the best Synthetic Aperture Radar (SAR) technology possible. IMSAR is dedicated to excellence in rapid technology innovation, manufacturing, and program execution; and remains committed to decreasing size and increasing the capabilities of our radars. IMSAR is currently working with many agencies, including the U.S. Department of Defense (DOD) and the U.S. Department of Homeland Security (DHS), to deploy new capabilities.

Located in Utah Valley, IMSAR enjoys both beautiful scenery and access to a wide range of environmental testing opportunities due to Utah's various climate changes and ecological diversity. We are based in a 60,000 sq ft facility, which is home to our corporate office, our research and development operations, and our own in-house manufacturing.



## KIHOMAC, Inc. .... 21

KIHOMAC, Inc. A high-technical content engineering and manufacturing firm; core competencies include aerospace metals, specialty composites and combinations (honeycomb bonded structures for aircraft). KIHOMAC is a Defense aerospace focused company yet produces both DoD & Commercial products. Additional company competencies include reverse engineering/engineering (structural/electrical/mechanical/electro-mechanical); rapid prototyping; & low, to high-rate production of complex aerospace parts/assemblies. KIHOMAC provides software development, test/integration, fielding, training, & support to DoD customers. Product examples include the C-5 Electronic Wiring Interconnect Systems (EWIS); MH-60S Crew-Chief/Gunner Seat; the Ogden Data Device Ethernet Crypto (ODD-EC); Mission Planning System (MPS) for the T-6C trainer/light attack aircraft; Vertical/Horizontal Flight Control Surfaces for the F-16 & E2-C (Wing Trailing Edge); parts/assemblies for the F-22 (Landing Gear Brace) & the F-35A (Advanced Travel Pod). Services include technical/programmatic support to program offices across DoD, including the singular management of Diminishing Manufacturing Sources & Material Shortages (DMSMS) for the USAF.



## Leonardo Electronics ..... 36

Leonardo Electronics US Inc. is a subsidiary of Leonardo, a global leader paving the way for capability advancements in aerospace, defense, and security. We are headquartered in McLean, VA, with our rapidly growing repair and production facility in Huntsville, AL. Our US-based research and service provides product development and program support in the pursuit of the future of survivability equipment for Army Aviation. Let our broad range of expertise provide numerous solutions for your all-domain operations.



## Lightspeed Aviation ..... 30

Lightspeed Aviation is a leading manufacturer of premium aviation headsets since 1996. Lightspeed has established a reputation for leading innovation in the aviation headset marketplace with numerous "first to market" advances in technologies and features. Those advantages have led to over 5,000 installed Commercial helmet systems starting in 2016. Lightspeed participated in the Air Force Next Generation Fixed Wing Helmet project and continues to develop helmet acoustic system that provide radical improvements to quieting, wearability, and functionality to enhance warfighter Mission Effectiveness and Hearing Protection. Layering life-saving technologies on top of their award-winning audio and ANR platform, Lightspeed is ushering in a new era of aviation safety for pilots and crews. With this, the company continues to live out its mission of "creating products that protect and save lives".



## M1 Support Services ..... 24

M1 Support Services, L.P. (M1) provides high-quality, cost-effective aircraft maintenance and logistics support worldwide. M1 contracts include a wide range of fixed and rotary-wing aircraft maintenance services in high-visibility, high operational tempo aviation units assigned to Fort Novosel, Nellis AFB, Sheppard AFB, and Columbus AFB. As the prime contractor at Ft Novosel, M1 supports the following customers: U.S. Army Aviation Center of Excellence (USAACE), U.S. Army Aeromedical Research Laboratory (USAARL), U.S. Air Force (USAF) and U.S. Army Aviation and Missile Command (AMCOM). M1 provides launch, recovery, and maintenance support for more than 500 hundred aircraft, 7 days a week, and 24 hours a day. Approximately 350-450 aircraft launch and recoveries occur daily in support of the U.S. Army and U.S. Air Force rotary-wing pilot training mission. M1's excellence in duty performance has been recognized by its customers and the Army Aviation Association of America, earning the prestigious Aviation Materiel Readiness Award as a Major Contractor for four consecutive years.



## Mass Virtual ..... 16

Mass Virtual, a leader in Extended Reality (XR), boasts 14+ years of proven expertise in immersive training ecosystems. Our most notable achievement is the Air Force-wide deployment of Virtual Hangar, custom-designed to enhance human performance, resulting in a 72% reduction in retraining, 50% fewer aircraft needed for maintenance training, and 45% faster course completion. Our Universal Training Content Management System offers a scalable, user-defined solution, facilitating real-time content modification and global training access unmatched except by reality. Innovation defines our culture, driving us to deliver affordable, efficient, and memorable XR training platforms that help teams achieve peak performance. With hundreds of XR modules fielded globally, Mass Virtual excels in advanced architecture design, delivering unparalleled digital solutions. Our expertise spans science, technology, arts, and tradecraft from entertainment to federal sectors, enabling us to create and sustain diverse training solutions.



## McNally Industries, LLC ..... 14

McNally Industries, LLC is a mid-size defense company supporting the Department of Defense and aerospace & defense OEMs worldwide with hydro-mechanical and electro-mechanical subsystems, complex precision machined components and value-added engineering services. We offer turnkey solutions for product development and prototyping, build-to-print manufacturing, complex assembly, and overhaul, repair and testing.



## Mistral Group ..... 43

Mistral Group is a team of independent companies, each operating in different markets worldwide, while collectively sharing the mission of "Bridging" operational gaps in the Defense and Law Enforcement Markets with practical, innovative and high technology readiness solutions.



## MOOG ..... 7

Through advanced hardware and software solutions, Moog drives innovation for military and commercial aircraft as the world leading designer and manufacturer of MOSA compliant flight control systems, avionics, weapon Stores Management Systems (SMS), lightweight Dual Rail Launchers (DRL), and flight-worthy interactive simulators.

# Exhibitor Profiles



**Navigator International LLC ..... 26**  
 Navigator International, LLC (NI) is an ISO 9001:2015, AS 9100:D Certified, ITARs Broker/Exporter licensed, Service-Disabled Veteran Owned Small Business (SDVOSB) and a provider of on-site programmatic logistic support to numerous government agencies. NI also provides technical and program management consulting services to both government and industry clients with the capability to execute sensitive mission sets up to TS-SCI security clearance requirements. Since 2005, NI has served as both a prime contractor to DoD and a first-tier subcontractor to several large business providers. Our team of highly experienced and qualified professionals has made NI a valued partner for both government and industry customers. NI is a licensed Federal and Alabama state general contractor. NI's training development team delivers enhanced training solutions in the form of Interactive 3D (i3D) applications. NI can provide staff augmentation or perform special projects at a surprisingly affordable cost. Lean business practices and low overhead costs help to provide our clients with small business responsiveness and refreshing agility. NI has many repeat customers and long-standing relationships with both large and small businesses.



**Northrop Grumman ..... 4**  
 Northrop Grumman is a leading global aerospace and defense technology company. Our pioneering solutions equip our customers with the capabilities they need to connect and protect the world, and push the boundaries of human exploration across the universe. Driven by a shared purpose to solve our customers' toughest problems, our employees define possible every day.



**Ombra ..... 12**  
 Ombra, a SDVOSB, specializes in a range of critical areas, positioning ourselves as a reliable match in prime and subcontracting opportunities. Our expertise encompasses design, rapid prototyping, advanced thermal and fatigue analysis, software/mechanical/chemical engineering and more. Our team is a fusion of leading researchers from private industry, seasoned engineers, military veterans, and contracting officers with DoD and USSOCOM expertise, offering a unique blend of real-world experience and technical proficiency. With proven expertise in design, prototyping, and integrated solutions, we're helping conceive, prepare, and protect the future



**People Tec ..... 29**  
 PeopleTec is an employee-owned small business dedicated to providing exceptional customer support by employing and retaining a highly skilled workforce, meeting our customers' expectations through disciplined program execution, and applying innovative processes to enhance cost efficiency. PeopleTec specializes in emerging technologies, engineering solutions, cybersecurity, and innovative business intelligence & visualization for government customers including Army's PEO Aviation and Futures Commands, Missile Defense Agency, Space and Missile Defense Command, National Guard Bureau, and various commands within the US Army, Air Force, and Navy.



**PROOF Research ..... 42**  
 PROOF Research is the industry leader in thermally stable advanced composite material and structural solutions for Aerospace, Defense, and

Commercial markets. PROOF Research's innovative materials portfolio and engineered solutions enable advanced composite structural products that provide weight reduction, increased stiffness and strength, and tailorable performance characteristics for demanding applications. PROOF's small and medium caliber composite weapon system barrels provide increased accuracy and dispersion reduction with no temperature dependency – our barrels are the only composite barrels qualified and in service with US military forces. PROOF manufactures and provides composite materials used for hot structures on the F-35 Lightning II and B-2 Stealth Bomber, as well as composite materials for elite motorsports applications. PROOF product portfolio includes state-of-the-art structural organic and inorganic resins, prepregs and adhesives with service temperatures up to 1500°F.



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**RTX ..... 10 & 48**  
 With more than 185,000 global employees, RTX pushes the limits of technology and science to redefine how we connect and protect our world. Through industry-leading businesses – Collins Aerospace, Pratt & Whitney, and Raytheon – we are advancing aviation, engineering integrated defense systems, and developing next-generation technology solutions and manufacturing to help global customers address their most critical challenges. The company, with 2023 sales of \$69 billion, is headquartered in Arlington, Virginia.



System Studies & Simulation, Inc.

**S3, Inc ..... 44**  
 Incorporated in 1991, S<sup>3</sup> has sustained impressive growth for more than 33 years, delivering diverse solutions to our many customers, operating in 15 states & serving multiple OCONUS locations. Headquartered in Huntsville, AL, with branch offices located in Daleville & Geneva, AL, Crestview, FL, Temple, TX, & Saudi Arabia, S<sup>3</sup> is a leading provider of technical services through multiple award IDIQ contract vehicles. S<sup>3</sup> offers advanced technical solutions in government and commercial sectors, domestically and internationally. Solutions include engineering, acquisition and programmatic support, unmanned/robotic systems operations, hypersonics, training, logistics, simulation, C4ISR, and security assistance. S<sup>3</sup> has logged nearly 590,000 cockpit training hours and trained more than 6000 aircrew members, while supporting the USA, USAF, USMC, DOI, USFS, Combatant Commanders, and eleven Partner Nation programs.



**Safran Helicopter Engines ..... 13**  
 Safran Helicopter Engines is the world's leading manufacturer of helicopter engines, with more than 75,000 produced since being founded. It offers the widest range of helicopter turboshafts in the world and has more than 2,500 customers in 155 countries. Safran Helicopter Engines power civil, parapublic and defense helicopters for all the leading helicopter manufacturers.



**Sagetech Avionics Inc ..... 23**  
 Sagetech Avionics, an aerospace technology company, ensures safe flight for crewed and uncrewed aircraft with certified situational awareness solutions. Trusted by military and civilian sectors, our solutions boast decades of experience, certifications, and millions of flight hours. We provide maximum capability in a micro-SWaP solution:

- The MX12B transponder, is the world's only micro IFF Mode 5 transponder certified to full the DOD AIMS Mk XIIB spec. It is 93% smaller, 6x lighter, and 5x cheaper than comparable IFF Transponders.
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- We've partnered with the U.S. Government, NATO Allies, American Aerospace, Joby, and many others, while seamlessly integrating our solutions with other third-party technologies for no fail missions.

# Exhibitor Profiles



**Science and Engineering Services (SES) ..... 22**  
 SES is an industry leader in aircraft system modification, integration, training, maintenance and total fielding support and sustainment of rotary and fixed wing aircraft. We are a business which brings OEM-level capabilities without the associated cost. Services range from prototype and fabrication through complex modification and integration. We are strategically located, have trained personnel, rapid contracting vehicles, and more than 1.4M sf of world class manufacturing and integration facilities.



**ScioTeq ..... 33**  
 ScioTeq has 35 plus years of experience as a developer and manufacturer of high-tech, innovative, life- and mission-critical visualization and computing solutions for the Avionics, Air Traffic Control, and Defense & Security markets. With headquarters in Belgium and three additional locations worldwide, we are a trusted partner in visualization solutions for the most demanding environments. We design video displays, smart displays, display computers and networked video distribution which are used in the world's most challenging conditions. Additionally, we provide professional support and services to countries globally. Our aim is to enable situational awareness for a safer world.



**Sikorsky ..... 25**  
 Sikorsky, a Lockheed Martin Company, is a world leader in helicopter design, manufacture, and service. The company is based in Stratford, Connecticut, and was founded by aerospace pioneer and legend Igor Sikorsky in 1923 as the Sikorsky Aero Engineering Corporation. Sikorsky's fleet of more than 5,000 operational aircraft are supported by a global network, with approximately 13,000 employees around the world. The company has facilities, joint ventures, or major supplier operations in Poland, Turkey, India, the United Arab Emirates, and Australia. Major U.S. facilities are located in Troy, Alabama; West Palm Beach, Florida; and Stratford, Trumbull, Shelton, and Bridgeport, Connecticut. Sikorsky remains true to the legacy of Igor Sikorsky with ongoing technology development initiatives that shape the industry. All US military branches, and military and commercial operators in 40 nations fly Sikorsky helicopters.



**TheInCLab ..... 19**  
 TheInCLab engineers and delivers intelligent digital applications. We are a trusted partner of the Department of Defense and regarded as experts in bringing lead-edge technology and commercial best practices to today's most complicated problem sets. Our platform offerings include next-generation mission planning, scalable and integrated architectures, and intelligent platform prototyping. Our industry-leading and user-centered 'TIL Process' delivers outcomes for our customers, rapidly developed and then deployed at the speed of relevance.



**TSC ..... 41**  
 TSC is an employee-owned, high-technology company primarily engaged in providing engineering services to the U.S. Government. For over 50 years, we have developed and manufactured critical technologies that detect, defend, and defeat threats to personnel and strategic resources. TSC's in-house prototyping and manufacturing capabilities enable our world class engineers and technical experts to aim to advance current technology, and rapidly research and develop future solutions to improve the accuracy, range, and capabilities of new and existing technologies. We also operate shoulder-to-shoulder with our customers and warfighters, wherever they may be worldwide to ensure mission success.



## United Aero Group

**United Aero Group ..... 3**  
 UAG and Nighthawk Flight Systems are proud to feature fit, form, and function upgrades for rotorcraft and fixed-wing avionics. We offer upgrades to state-of-the-art high visibility, NVG, backlit EFIS displays using existing panel real estate and inputs. Simple and cost-effective upgrades of obsolete equipment to the latest technology: HTAWS, Primary Attitude, Primary Nav, HTAWS and more! A global rotorcraft support organization, UAG partners with GE TrueChoice for T700 and CT7, is a supplier/distributor for Sikorsky and an international reseller for Lockheed Martin. UAG performs Depot level maintenance for US DOS, USAF, and others, and is an industry-leading Blade repair facilities in US, Canada, and Australia. Nighthawk Flight Systems offers advanced compact integrated avionics solutions for rotary and fixed-wing aircraft in the civil and military markets. Nighthawk provides embedded software solutions for OEM applications needing advanced terrain, obstacle awareness, and alerting functions. Nighthawk's product includes an upgraded version of the HSI, ADI, TAWS, and HTAWS displays.



**V2X ..... 35**  
 V2X delivers a comprehensive suite of integrated solutions across defense and commercial training, operations and logistics, aerospace, and technology markets to national security, defense, civilian and international clients. Our global team of approximately 16,000 employees brings innovation to every point in the mission lifecycle, from preparation to operations, to sustainment, as it tackles the most complex challenges with agility, grit, and dedication. Visit [www.gov2x.com](http://www.gov2x.com) to learn more.



**Vertex Solutionc LLC ..... 37**  
 Vertex Solutions, LLC (Vertex), headquartered in Niceville, Florida, is a distinguished certified woman-owned small business, boasting nearly three decades in delivering acclaimed training support services to both the U.S. Government and private-sector enterprises. Vertex is a premier systems integrator and learning technology provider, offering innovative solutions to enhance access to effective training environments. We have delivered over 500 virtual and mixed reality training devices to DoD, commercial, and international partners. While much of our current business lies in pioneering cutting-edge training technology, with a special emphasis on extended reality (XR) training devices, it's our deep expertise in courseware development that forms the foundation of our innovation. From immersive Interactive Multimedia Instruction (IMI) to precise 3D modeling and mobile learning, we're proud to offer a comprehensive suite of educational solutions.



**Viasat ..... 20**  
 Viasat is a global communications company that believes everyone and everything in the world can be securely connected. With deep roots in defense and a modern, commercial-driven mindset, we use our 35+ years of experience in breaking down communications silos to help create seamless interoperability across complex forms of connectivity: Broadband Satcom. Tactical Networking. Advanced Cybersecurity. Viasat is on a mission to develop the ultimate global communications network to power secure and scalable connections our partners need to operate as a successful team – on the ground, in the air, at sea, or in space – and to maximize their collective strength when it's needed most. On May 30, 2023, Viasat completed its acquisition of Inmarsat, combining the teams, technologies and resources of the two companies to create a new global communications provider.



**WingXpand ..... 47**  
 WingXpand is a U.S. aerospace and AI software company that is expanding what's possible with aerial intelligence. We build the most powerful smart planes and IoT devices that expand from the smallest footprint possible to rapidly give soldiers a protective eye in the sky, help emergency crews respond to disasters faster, and farmers grow yield.

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Welcome Guide 2024



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# FOOD FUN SPORTS & SPIRITS

|          |                         |
|----------|-------------------------|
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| THUR-FRI | 11 AM-1 PM / 4 PM-11 PM |
| SAT      | 4 PM- 11 PM             |
| SUN      | 4 PM- 10 PM             |

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# AFTER HOURS SOCIALS

## TUESDAY NIGHT SOCIAL @ THE U.S. ARMY AVIATION MUSEUM AUGUST 6TH, 1700-1900

Join us for the first of our two social events during Aviation Industry Days 2024. This event will take place inside the U.S. Army Aviation Museum, home to a remarkable collection of over 160 military aircraft, including one of the world's largest collections of military helicopters. The evening promises networking opportunities with your industry peers, a delightful menu of heavy hors d'oeuvres prepared by Welcome Home Catering, and exciting giveaways. We are excited to connect with new industry partners and fellow aviation professionals as we kick off Aviation Industry Days 2024. A special thank you to Mass Virtual for sponsoring this wonderful evening.

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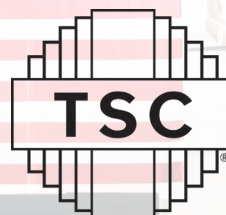
## WEDNESDAY NIGHT SOCIAL @ THE LANDING AUGUST 7TH, 1700-1900

Industry leaders are invited to join us for the Wednesday night social event at The Landing. This gathering will take place on the EXPO floor and outside on the patio where the tiki bar is located. The evening offers a wonderful opportunity to connect, network, and engage with other industry professionals. Inside, the talented staff from Welcome Home Catering will prepare and pass out a delightful assortment of heavy hors d'oeuvres. Upstairs in the Legends Room, there will be a dessert table and remote bar, while outside on the back patio, live entertainment will be provided in the tiki bar and air-conditioned lounge tent area. A special thank you to The Plateau Group for sponsoring this fantastic evening.

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Evening Socials are by reservation only and open to USAACE Command, registered Industry Partners, Aviation Industry Staff, and their guests. Event Registration Credentials are required. Registration is available to the public by request. Some Restrictions Apply.



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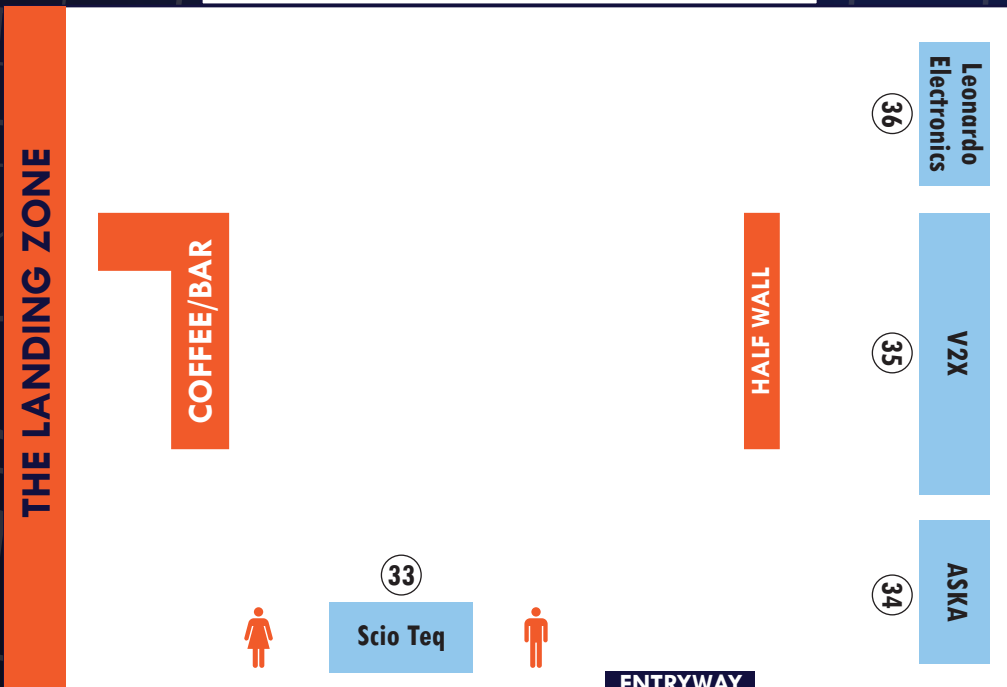
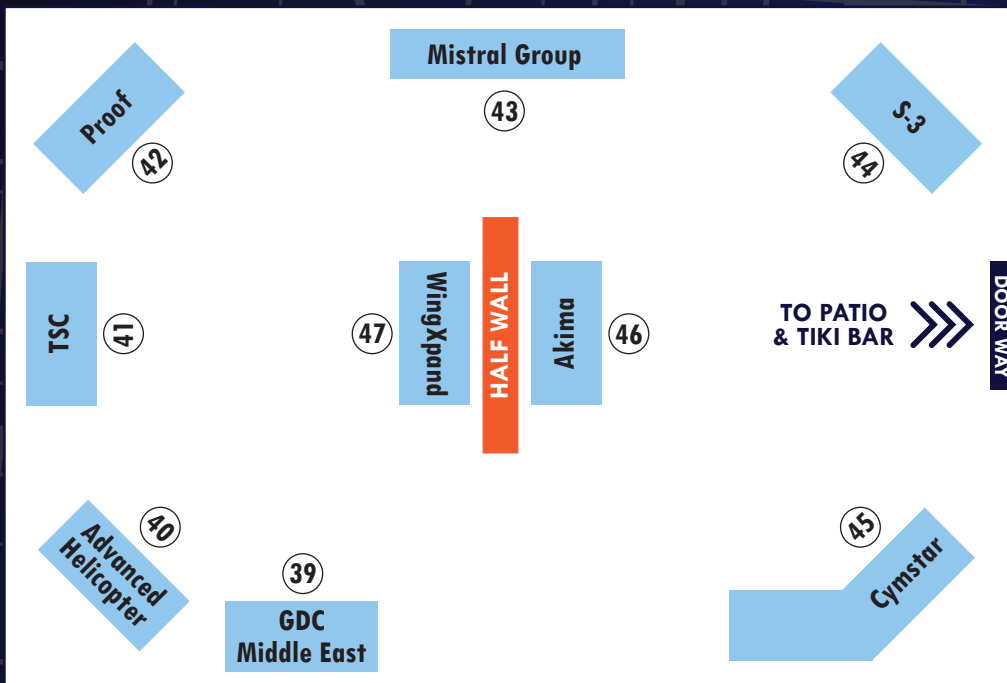


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MORE BOOTHS OUTSIDE

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COBRA  
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COBRA LOU  
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THE LEGEND  
UPSTAIRS



ENTRANCE



# DAYS LAYOUT

RA LOUNGE

& LUNCH • AUG 7-8

THE LEGENDS

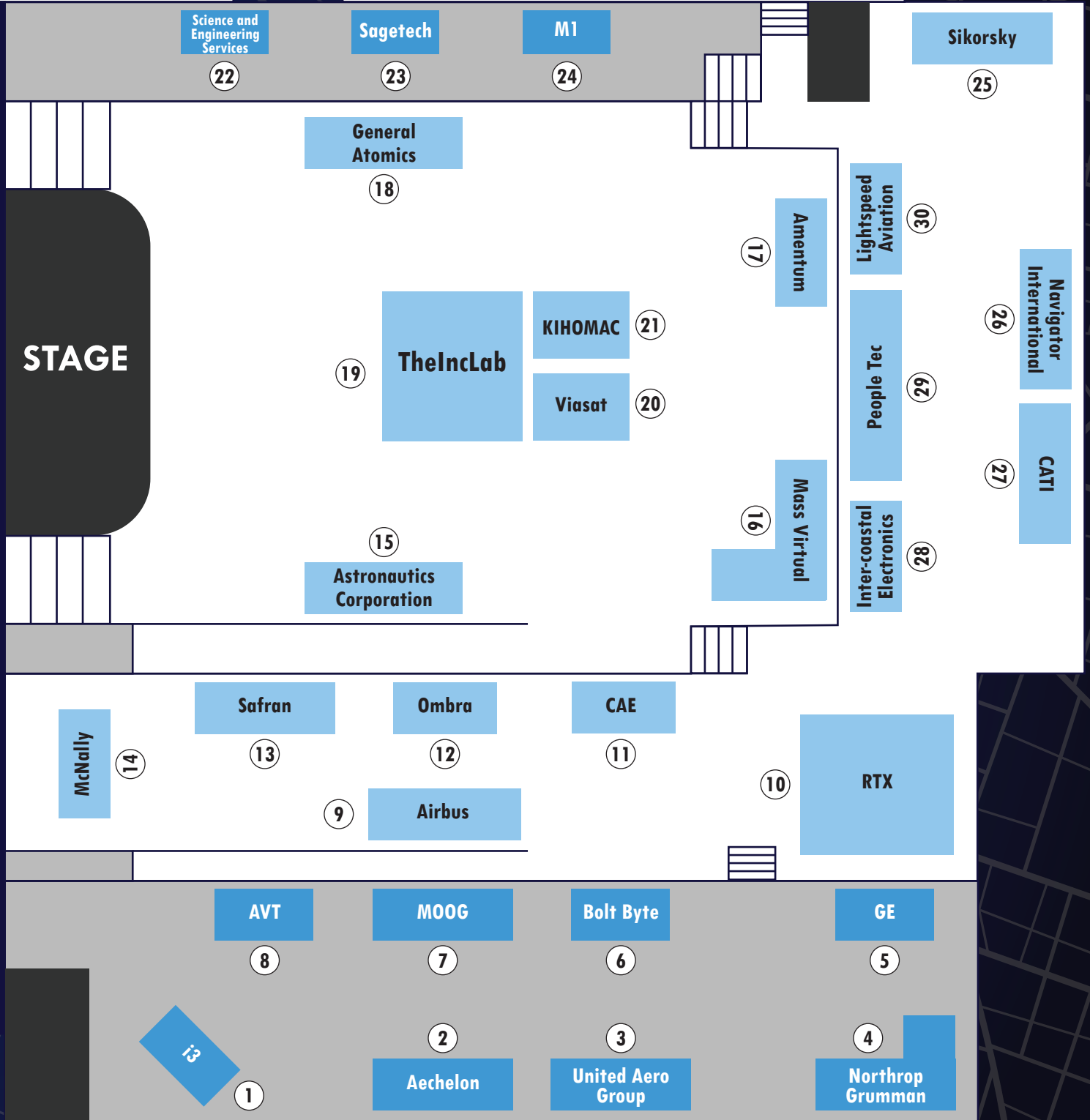
HOSPITALITY ROOM • AUG 7  
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**Fortenberry-Colton Physical Fitness Center • Bldg. 5900**



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# History of the Bear

Located across from the U.S. Army Aviation Museum, Sgt. Ted E. Bear has stood watch over Fort Novosel for the last 63 years.

Originally designed in Panama City by Lee Koplin in 1961, Sgt. Ted E. Bear was assembled here on Fort Novosel. Sgt. Bear has been a Fort Novosel icon ever since.

Why a polar bear? Sgt. Bear was erected as an emblem of the 2nd Battle Group, 31st Infantry Regiment, also known as the Polar Bear Regiment.

Deployed in 1918, the Regiment spent two years in Siberia, protecting allied interests and guarding the Trans-Siberian railroad. The Regiment eventually became known as the "Polar Bears."

In 1961, to commemorate the action the unit experienced, Col. Bennett L. Jackson commissioned the construction of a polar bear statue.

It wasn't until 1997 that Sgt. Bear had received his original rank, Pfc. Ted E. Bear. A decade later, an official ceremony was held in Sept. 2007 by Maj. Gen. Virgil L. Packett II, to promote Pfc. Bear to sergeant.

Throughout the years, Sgt. Bear has made his rounds throughout the base. In 2008, he received his orders to be placed across from the U.S. Army Aviation Museum.

Currently, Sgt. Bear is assigned to the MWR marketing team, who take great pride and care when it comes to his wellbeing.

Throughout the year, you can catch Sgt. Bear in an array of outfits. His wardrobes consists of Santa outfits, bunny costumes, and even flight suits.

Sgt. Bear overshadows all of his fellow sergeants, if not by age then by dimensions! At 15 feet high, he weighs over two thousand pounds (mostly solid concrete). With every new painted outfit ,Sgt. Bear's weight increases.

For generations, Sgt. Bear has remained a staple of the Fort Novosel Community and joins the journey of past, present and future aviators.



**1918**

Polar Bear Regiment Deployment.

Construction commissioned by Col. Bennett L. Jackson. Bear statue assembled. 31st Infantry Regiment took responsibility. Was given the name "Smokey".

**1961**



**1966**

Smokey remained at the 46th Engineer Battalion Building.

Bulk of engineer battalion relocated to Fort Polk, La. Responsibility passed to 1st battalion, 210 Aviation Regiment. Smokey was given a rank and his official name: Pfc. Ted. E. Bear

**1994**



**1997**

Pfc. Ted E. Bear was reassigned to the Warrant Officer Career College.

Pfc. Ted E. Bear promoted to Sgt. Ted. E Bear by Maj. Gen. Virgil L. Packett II.

**2007**



**2008**

Sgt. Ted E. Bear moved to U.S. Army Aviation Museum.

MWR Marketing Team has been assigned to Sgt. Ted E. Bear for the past few years. Come visit Sgt. Bear!

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