Breakout Session Descriptions

Breakout Session 1 – Construction Qualified Vendor List (QVL) & Cafeteria Services

Construction QVL – The William J Hughes Technical Center for Advanced Aerospace (WJHTC) is seeking qualified vendors to assist with the facility maintenance and operations of the campus. Currently there are QVLs (Qualified Vendor Lists) Basic Ordering Agreement (BOAs) for construction and related disciplines that assist with those efforts. We are looking for eligible small businesses who interested in participating in this vehicle over the next 9 years. Construction disciplines for the QVL include:

1). Mechanical/ HVAC: 238220
2). Plumbing: NAICS- 238220
3). Fire Protection/ Suppression: NAICS 238220
4). Electrical: NAICS -238210
5). Telecommunications: NAICS- 237130
6). Roofing: NAICS -238160
7). Asbestos/Lead/ Mold Remediation: NAICS -562910
8). Duct Cleaning: NAICS- 561790

Cafeteria - The Willaim J Hughes Technical Center has a fully functional cafeteria that feeds our campus. We are looking for interested vendors of a commercial employee/food service management company that can provide food services to a campus of over 1,000 people. The NAICs associated with the cafeteria services include:

1). Cafeteria, Grill Buffets, Buffets: 722514
2). Food Service Contractors: 722310

Breakout Session 2 - Proactive & Collaborative V&V Driving Innovation

Verification and Validation (V&V) are critical processes that ensure systems and products meet requirements and perform as intended. Despite their importance to quality, safety, and mission success, V&V activities are frequently constrained by limited budgets, compressed schedules, and organizational silos. Insufficient planning and investment in V&V increase the risk of project failure, operational hazards, and higher lifecycle costs. At the same time, government programs are under increasing pressure to rapidly deliver complex, mission-critical capabilities, requiring approaches that are both adaptive and uncompromising in their commitment to safety, security, and performance.

This breakout session explores how proactive innovation and small business collaboration can serve as catalysts for more effective V&V practices across the FAA acquisition lifecycle. Participants will examine strategies for integrating continuous testing, evaluation, and learning into project workflows to enable earlier insight, reduce risk, and accelerate delivery timelines. Emphasis will be placed on modern engineering practices, including digital engineering, model-based systems engineering, advanced simulation and digital twin concepts, and agile acquisition frameworks that strengthen traceability among requirements, design, testing, and operational performance.

The session will also highlight the evolving role of Test and Evaluation in supporting complex FAA acquisitions involving autonomous and AI-enabled systems. Early experimentation, continuous

validation, and iterative development approaches will be discussed as mechanisms to mature innovative aviation and ATC capabilities while maintaining operational safety and security. Attendees will gain insight into how a V&V continuum can support rapid, informed deployment decisions without compromising mission assurance.

Key focus areas include requirements and test case management tools, agile acquisition methods, simulation and virtualization environments, digital engineering practices, and the application of artificial intelligence and machine learning to enhance V&V and Test and Evaluation processes. Participants will leave with actionable perspectives on strengthening V&V integration to improve FAA program outcomes and mission effectiveness.

Breakout Session 3 – Aviation Research Broad Agency Announcement (BAA)

This Broad Agency Announcement (BAA) is sponsored by the Federal Aviation Administration (FAA) and supports research interests from the William J. Hughes Technical Center for Advanced Aerospace, Aviation Research Division, which is located at Atlantic City International Airport, Atlantic City, NJ and other FAA organizations as required. The Aviation Research Division establishes scientific solutions to current and future air transportation challenges by conducting applied research and development in collaboration with industry, academia, and Government.

Currently, the division has five program branches:

- Fire Safety
- Airport Technology R & D
- Software and Systems
- Structures and Propulsion
- Separation Standards Analysis

Each branch has a specific area of responsibility in support of the FAA's overall mission to provide the safest, most efficient aerospace system in the world. The FAA strives to reach the next level of safety, efficiency, environmental responsibility and global leadership.

Breakout Session 4 – Peraton: A Small Business Partnership

Peraton will provide an overview focused on creating meaningful partnerships with small businesses that support innovation, technology development, and mission delivery while discussing best practices for building successful partnerships. This breakout session will highlight opportunities for subcontracting, teaming arrangements, and mentor-protégé relationships that support the development and delivery of innovative technology solutions for the FAA. Attendees will gain insight into the company's procurement priorities, supplier diversity goals, capability requirements, and strategies for building successful teaming relationships. The presentation will also explore how collaboration between large and small businesses can accelerate innovation, strengthen supply chains, and expand access to emerging technologies across the public sector.