



*AFLCMC... Providing the Warfighter's Edge*

# NDIA Automatic Test Committee USAF Liaison Report 26 AUG 2024



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**Automatic Test Systems Division**  
**AF PEO Agile Combat Support**

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# Agenda

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- **Organization**
- **Great Power Competition Changes**
- **Personnel Posture**
- **Current Program Highlights**
- **Opportunities**
- **Future Trends and Issues**
- **Questions**



# Agile Combat Support Directorate



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Revised: 16 July 2024



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Senior Enlisted Leader



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PEO/Director



**Col Carlos Quinones**  
Deputy PEO



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**Mr. Michael Duron**  
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**Mr. Jeffrey Thefford**  
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Intelligence



**Ms. Eryn Turckes**  
Director of  
Test & Evaluation



# ATS Program Office Leadership Team

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**Lt Col Sullivan**  
Deputy



**Mr. Scott McClain**  
Chief



**Mr. Michael Brox**  
Nuclear Deputy



**Kevin Simpson**  
Chief Engineer



**Ashley Murray**  
Chief Product Support  
Manager



**Arniecia Randolph**  
Chief Financial Officer



**Lindsay Ammons**  
Chief, ATS Contracting



**Eugenia Moody**  
Chief, Weapons System  
Management Branch



**Daniel Segno**  
Chief, Product Support  
Branch



**LaKeisha Brantley**  
Chief, Innovation Cell



**Tora Gore**  
Lead Test Manager



- **Goal of GPC**
  - Develop People
  - Generate Readiness
  - Project Power
  - Develop Capabilities
- **ATS moving to Combat Readiness; PEO Lt Gen Shipton**
- **Transition Effective September 15, 2024**

<u>Prior Naming Convention</u>	<u>New Naming Convention</u>
PEO Agile Combat Support	PEO Training
PEO C3I&N	PEO Cyber and Networks
PEO Digital	PEO Electronic Systems
PEO Mobility and Training Aircraft	PEO Mobility
PEO Presidential and Executive Airlift	PEO Presidential and Executive Airpower
PEO Rapid Sustainment Office	PEO Combat Readiness



# ATS Organizational Structure



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## Product Group Management Branch

- ~90 mbrs; \$300M in OA for 350 ATS for DoD / partner nations
- LCM for ATS prgms; 3 ACAT IIs
- ATS capabilities (6 IPTs)
  - *Avionics*
  - *Armament & Stores*
  - *EW*
  - *Radar & IFF*
  - *SW Loader/Verifier*
  - *Specialized*
- Develops product roadmaps to modernize/upgrade ATS and drives to common solution within product group
- Single face to contractor/organic ATS provider

## Weapon System Management Branch

- ~60 mbrs; \$244M in OA for 350 ATS for DoD / partner nations
- Single face to the customer/key stakeholders (divided into 6 IPTs)
  - *Armament*
  - *Bomber*
  - *Fighter*
  - *Depot ATS*
  - *MATAC/ISR&SOF/Presidential and Airlift ATS*
  - *FMS*
- Develops customer capability roadmaps and drives to common solutions
- LCM for two ATS FMS programs
- Transition of F-35 to VDATS
- Guides/supports the ATS acquisitions
- Implements ATS Standardization and Waiver policy/process

## Innovation and Digital Transformation Cell

- ~10 mbrs; manages SBIR/STTRs
- Investigates new tech concepts across ATS capes to infuse game-changing technology into ATS
- Leads AFRL Technology and Modernization Program
- Digital Transformation Lead; 6 Initiatives
- Leads ATS Flight Line of the Future (FLoF) efforts
- DoD ATS Management Board Initiatives
- Initiate Advanced Programs; CAT-F
- Develop ATSA I Strategic Contract



# Organizational Structure: AF



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- **AFLCMC/WNA**
  - Hybrid Work Environment
  - In Office Two (2) Days a Pay Period
  - Senior Leadership in Office More Frequently
- **Contractor Engagement**
  - In Person and Virtually
  - Still in Consolidated Space
  - Reconfiguring for Additional Supervisor/Leadership Offices
- **No Travel Restrictions**



# ATS Opportunities



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## ATS Acquisition-I (ATSA-I)

- Details: SAM.gov
- <https://sam.gov/opp/7f38ad9691f440ddb70c753d2a644d14/view>
- Competitive
- Multi-Award IDIQ
- Place of Performance: Warner Robins, GA
- NAICS Code: 336413-Other Aircraft Parts and Auxiliary Equipment Manufacturing

## ATSA-1

- **Requirement:** To support and sustain multiple Automatic Test Systems (ATS) across the DoD
- Decentralized Ordering
- Multiple Award Contract (MAC) no less than 10 years
- **Users:** USAF, USAF Reserve, ANG, Joint Warfighter and FMS

## Objectives

- Acquisition Assistance
- Logistical Support
- Integration
- Development
- Digital Acquisition and Sustainment Practices
  - Digital Engineering
  - Agile Software
  - Open System Architecture

## Contact Information

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# ATS Opportunities, cont.



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## Common Armament Tester (CAT-F)

- Competitive
- ATS' First Digital Acquisition Program
- Modular Open Systems Architecture (MOSA)
- NAICS Code: 334515-Instrument Manufacturing for Measuring and Testing Electricity and Electrical Signals
- Industry Day November 2023

## CAT-F

- **Requirement:** To provide reliable, nuclear-certified, cyber-resilient test to execute fighter armament pre-load and fault isolation requirements
- **Scope:** Comprehensive armament tester providing pre-load and fault isolation test capability for A-10, F-15, and F-16 fleets adaptable to both the Flightline and Back shop

## Objectives

- Platform Agnostic
- Fill Capability Gaps
- Address DMSMS
- Common KPPs and KSAs
- Common Configuration for Multiple Platforms

## Contact Information

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# ATS Future Trends

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- **Digital Acquisition and Model Based Systems Engineering (MBSE)**
- **Flight Line of the Future**
- **Agility**
- **Affordability**
- **Digital Engineering → Digital Transformation → Digital Acquisition → Digital Material Management (DMM) → Next Generation Acquisition**
- **Listen to AF Secretary Kendall speak on Great Power Competition (GPC) Re-optimization**



# ATS Challenges

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- **Collaboration on pre-Request for Proposals (RFP) Requirements**
- **Fully Qualified Proposals on First Submission**
- **Agile Cybersecurity Requirements**
- **Government Furnished Equipment Availability—Aircraft and Line Replaceable Units**



# Digital Transformation

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- **ATML Standards (IEEE 1671)**
- **Digital Threads**
  - Digital Models and why we want them
  - Goal is to accelerate business/technical processes; need to be able to work in real time
- **Government Reference Architecture (GRA)**
  - **ATS-1 GRA: Specifically tailored to ATS**



# Questions?

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