

Air Force Life Cycle Management Center

Providing What the Warfighter Needs When They Need It

Agile Combat Support Life Cycle Industry Days 2023



**Ms. Lea Kirkwood
Program Executive Officer
AFLCMC/WN**

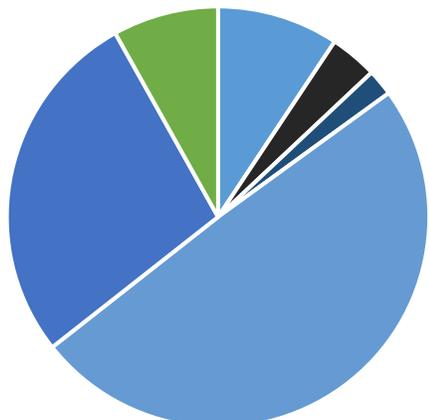


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Agile Combat Support Directorate



247 programs



- 23 - Acquisition Master List
- 9 - Developmental (non-ACAT)
- 5 - Middle Tier Acquisition
- 122 - Sustainment
- 68 - Foreign Military Sales
- 20 - Support

\$8.3B
active year funds

1,600 people

- Automatic Test Systems
- AFMETCAL
- Combat Avionics
- Electronic Warfare
- Human Systems
- Simulators
- Support Equipment & Vehicles





Reorganization of Electronic Warfare & Avionics



The Electronic Warfare and Avionics Division now is split into two divisions:

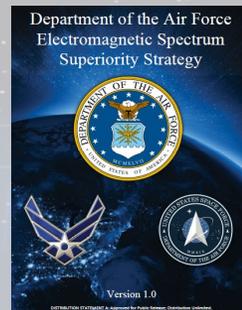
Electronic Warfare Combat Avionics

Aligns and optimizes our capability portfolios

- Drive analytically informed enterprise investments/divestiture & roadmaps
- Enables huge growth in Position Navigation Timing; three receiver development programs, starting Software Defined User Equipment, and new Digital Antenna Electronics programs
- Facilitates holistic multi-spectral focus, increased USAF and Foreign Military Sales synergy, and creates a more agile Electronic Warfare program office postured to support EMS Operations Critical Operational Enabler and 350th Spectrum Warfare Wing

Legacy EW & Avionics Organization

- | | |
|---|---|
| <ul style="list-style-type: none"> • 5 Branches in 2 Geo-Separated Units <ul style="list-style-type: none"> • Robins AFB • Wright-Patterson AFB • 690+ Authorized Personnel • 14 Electronic Warfare Laboratories • 93 Programs <ul style="list-style-type: none"> • 3 ACAT II / 2 ACAT III • 700+ Systems • \$7.9B across FYDP (\$4.5B - Active Year) <ul style="list-style-type: none"> • \$4.6B in USAF • \$3.3B in FMS | <p><u>Key Systems</u></p> <ul style="list-style-type: none"> • Targeting pods • Radios • Position Navigation Timing • LAIRCM / Self-Protection Suites • Radar Warning Receivers • EW pods |
|---|---|



AF Electromagnetic Spectrum (EMS) Superiority Strategy Goals

- 1) Establishing organizations
- 2) Rapidly developing and delivering agile EW/EMS capabilities
- 3) Developing the EW/EMS superiority force for the future



ACS Strategic Priorities



Deliver Capability

- *Deliver on commitments to the warfighter*
- *Enable digital materiel management*
- *Create and streamline roadmaps*

Accelerate Innovation

- *Leverage new technologies*
- *Challenge constraints*

Strengthen Enterprise Collaboration

- *Partner early and drive common solutions*
- *Communicate across stakeholders*

Build and Fortify Talent

- *Capitalize on breadth of talent*
- *Facilitate enterprise learning*

Acquisition Lead for Operational Imperative #7 – Readiness to Transition to a Wartime Posture

Support for Operational Imperative #5 – Resilient Basing

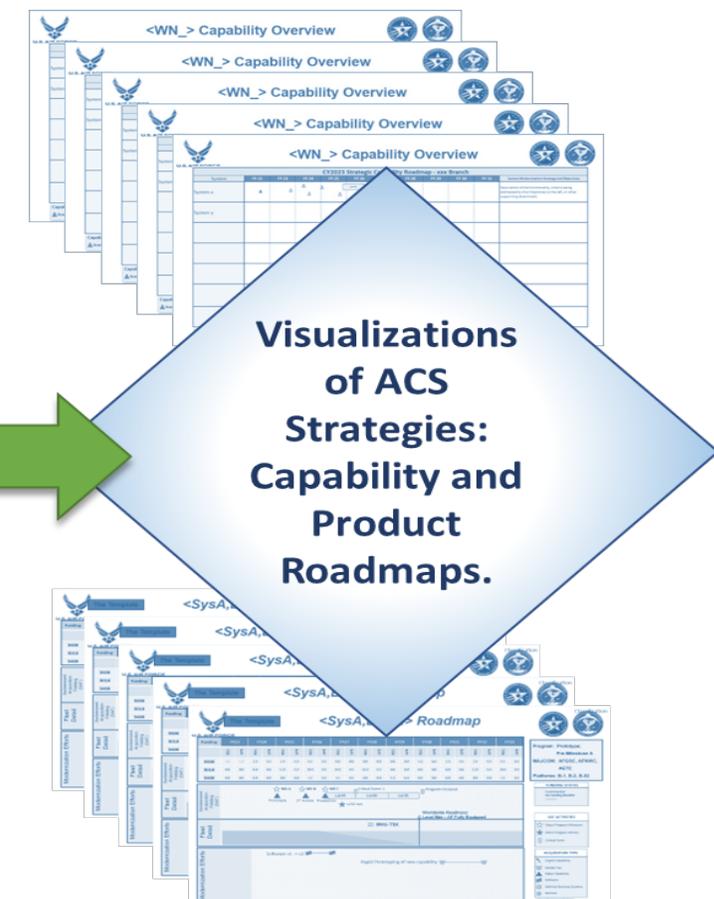
Support for Electromagnetic Spectrum Operations Crosscutting Operational Enabler



Strategy to Task – Leveraging Roadmaps

OPERATIONAL IMPERATIVES

- 1 **Resilient Space Order of Battle and Architectures**
Protecting Space-based Services
- 2 **Advanced Battle Management System**
Servicing distributed battle management
- 3 **Moving Target Engagement at Scale**
Sensors support long-range kill chains
- 4 **Next Generation Air Dominance**
Collaborative/Uncrewed platforms
- 5 **Optimized Resilient Forward Basing**
Effective and Reliable Sortie Generation
- 6 **B-21 Long-Range Strike Family**
Integrating B-21 with advanced systems
- 7 **Transition to Wartime Posture**
Ensure ability to mobilize and transition to war





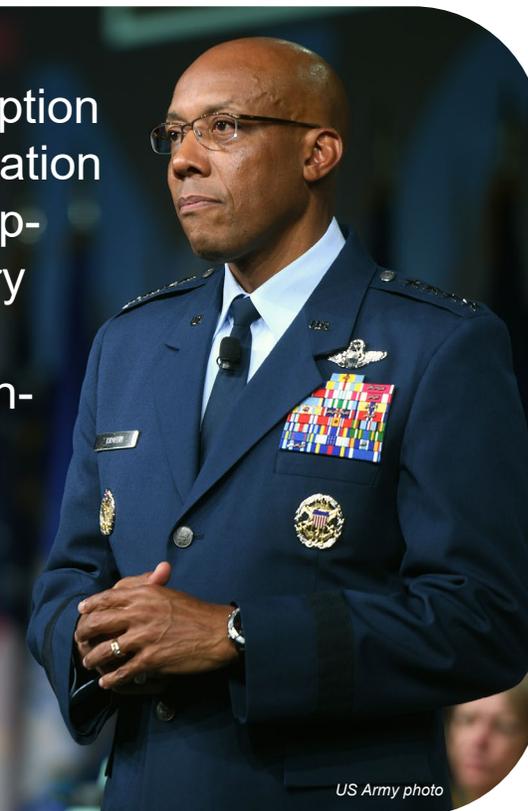
PNT SDUE



- **Position, Navigation, and Timing (PNT) Software Defined User Equipment (SDUE) is a robust PNT solution with agility to rapidly respond to evolving threats.**
 - **SATNAV Software Defined Receiver (SSDR)**
 - **Software Defined Antenna Electronics (SDAE)**
- **PNT SDUE will provide options to receive both legacy GPS and advanced PNT signals, to quickly respond to jamming and spoofing.**

“... the rapid adoption of the next generation of PNT user equipment is necessary to thwart any adversarial advantage today and into the future.”

-Gen Charles Q. Brown, Jr.,
Chief of Staff



US Army photo



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Upcoming Business Opportunities



Automatic Test Systems

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Mission:

Provide and sustain world class enterprise test solutions that maximize warfighter core capabilities

Vision:

Transform ATS / ATE to a common Joint Technical Architecture across Air Force enterprise—transportable to DoD; offers a state-of-the-art test solution and keeps the warfighters' equipment mission capable

Name: ATS Acquisition (ATSA-I)

Competitive: Yes

Value: \$900M

RFP Release: 1QFY24

Program POC: Daniel Segno, (478) 222-1906

Contracting POC: Sandra Harvey, (478) 222-1744

Description: Establish Indefinite Delivery/Indefinite Quantity Multi-Award Contract encompassing full life cycle management for ~52 ATS testers supporting six capabilities, three ACAT III programs, and FMS.



Name: Common Armament Tester-Fighters (CAT-F)

Competitive: Yes

Value: \$267M

RFP Release: 3QFY24

Program POC: Daniel Segno, (478) 222-1906

Contracting POC: Sandra Harvey, (478) 222-1744

Description: Develop and field a new armament tester for the Combat Air Forces (CAF) fleet that would replace functionality of multiple legacy testers.





Electronic Warfare



Mission:

Deliver and Sustain Affordable War-winning Electronic Warfare and Avionics Capability On Time

Vision:

Be the World's Preeminent Provider of Electronic Warfare and Avionics Capability

Name: AN/ALE-47 Follow-On

Competitive: Yes

Value: \$230M

RFP Release: October 2023

Program POC: Karry Honrath, 478-926-2954

Contracting POC: Candace Gibson, 478-327-9471

Description: Contract planned to include a 1 yr base period with four ordering years and five 1-year options.



Name: Next Gen Countermeasures Dispensing System

Competitive: Yes

Value: \$89.3M

RFP Release: March 2024

Program POC: Karry Honrath, 478-926-2954

Contracting POC: Candace Gibson, 478-327-9471

Description: Industry Day planned for late fall- early winter 2023; Submitted FY25 POM; currently an unfunded initiative





Simulators



Name: C-17 Training System Follow-On

Competitive: Yes

Value: \$900M

RFP Release: July 2023

Program POC: Zach McClellan - zachary.mcclellan.1@us.af.mil

Contracting POC: Rabbanai Tebah – rabbanai.tebah@us.af.mil

Description: Provide aircrew instructions, courseware, aircrew training system, & maintenance training system CLS, concurrency and obsolescence modifications and training flights to aircrew members



Mission:
Lead the Development, Acquisition and Sustainment Necessary to Meet Every MAJCOM's Simulation and Training Requirement

Vision:
Providing the World's Best Training Systems to the Combat Forces of Today and Tomorrow





Simulators

U.S. AIR FORCE



Name: E-3 Diminishing manufacturing sources Replacement of Avionics for Global Operations and Navigation (DRAGON) Flight Crew Training Systems (FCTS)

Competitive: Yes

Value: \$66M

RFP Release: November 2023

Program POC: Capt William Sousa – william.sousa@spaceforce.mil

Contracting POC: Capt Duncan Bowman – duncan.bowman.1@us.af.mil

Description: Provide Contractor Logistic Support and Training System Support Center support to three sims at Tinker AFB, OK

Mission:

Lead the Development, Acquisition and Sustainment Necessary to Meet Every MAJCOM's Simulation and Training Requirement

Vision:

Providing the World's Best Training Systems to the Combat Forces of Today and Tomorrow





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Support Equipment & Vehicles



Mission:

Provide support equipment & vehicles to combatants, ensure they work, and give taxpayers their money's worth... responsive to the User, responsible to the Nation

Vision:

World-class people providing support equipment and vehicles vital to our Nations' ability to fly, fight, and win

Name: 7k Class Nuclear Certified Weapons Loader – MHU-83 replacement

Competitive: Yes

Value: \$350M

RFP Release: FY24

Program POC: Lt Guy Serman, (478) 327-4758

Contracting POC: Brandi Owens

Description: New nuclear certified weapons loader meeting fighter and bomber weapons loading needs up to 7k pounds, with a factor of safety of 3x





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Professional Forums



U.S. AIR FORCE



SUPPORT EQUIPMENT AND VEHICLES

MODERNIZATION & INNOVATION SUMMIT

AUGUST 2023 | ROBINS AFB, GA



November 27th – December 1st | Orlando, FL

I/ITSEC 2023

Sustaining a Global Force in a Digital World



IEEE AUTOTESTCON 2023

August 28-31, 2023 • National Harbor, Maryland

Gaylord National Convention Center




ASSOCIATION OF OLD CROWS

SAFE Association 61st Annual Symposium



Our mission is the preservation of human life

October 10-12, 2023 - Virginia Beach, VA

Virginia Beach Convention Center



Dixie Chapter
 March 2024
 Warner-Robins, GA



Forums Provide Valuable Insight into Future Requirements

Providing What the Warfighter Needs When They Need It UNCLASSIFIED

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Providing What the Warfighter Needs When They Need It

***Every Airman...
Every Mission...
Every Day!***



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