

USSPACECOM Command and Control Facility

SAME Industry Day

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Overall Classification: **UNCLASSIFIED**
This slide is: **UNCLASSIFIED**



MISSION BRIEF

How does USSPACECOM differ from the Services?



VS



United States Space Command

Title 10
- Plan for employment of forces
- Take actions to deter conflict
- Command armed forces

Unified Command Plan
- Space Operations
- Global Sensor Manager
- Global SATCOM Manager
- Trans-Regional Missile Defense
- Space Joint Force Provider

Astrographic AOR
- 100km above and beyond



Our Way of Life and National Defense are Reliant on Space



Joint Forces are Shaped Assuming Access to Space



PROJECT BRIEF

SecWar and CDR Direction

“We are deadly serious in cutting every piece of red tape, and getting this headquarters established as fast as humanly possible.” – Secretary Hegseth, USSPACECOM Sign Unveiling December 2025

> *"I'm very happy that we're able to take advantage of the MILCON reform language that the Committee inserted into the last National Defense Authorization Act, which is allowing us to build our new headquarters in a different way than we would have last year without that language.“*
> *– General Whiting, SASC Hearing, March 2026*



“Our new Command and Control Facility at Redstone Arsenal will be designed to fully meet our security, mission, and information technology requirements. It will be built leveraging the new Military Construction (MILCON) authorities in the most recent NDAA. ***From the outset, we are prioritizing resilient, secure network architecture and infrastructure capable of supporting global command and control operations.****“ – General Whiting, Posture Statement March 2026*

~Speed to Capability~

CDR: “A Purpose-Built, Integrated Warfighting HQ”



USSPACECOM C2F



The Basics

- 64-acre clean site in central Redstone Arsenal
- 1,800 personnel
- ~800K SF
- Approaching $2B construction cost estimate
- $2.3B C4IT
- Supporting facilities: external fusion center, central utility plant, shipping/receiving facility, Visitor Control Center,
- Pre-MILCON warehouse

Construction Highlights

- 85% ICD 705 compliant secure space up to SAP
  - RF shielded
- Rigid construction security – vetted US persons only
- HEMP shielding
- Collective Protection System
- Perimeter fence

C2F Themes

- Tech-centric
- Secure
- Flexible
- Collaborative

Infrastructure Highlights

- Resilient & Redundant Joint Operations Center (JOC)
  - 2N Fault Tolerant
  - Concurrently maintainable supporting spaces
- Grade 3 (N+1) data center w/ UPS for Tier 4 Uptime
- ~50 MVA combined electrical load
- Add'l substation
- Fuel storage
- Road improvements

A World-Class, Technology Driven Headquarters – in Five Years

Project Team

ACC-RI –
Contracting Office

AFCEC –
Construction Agent

USSC –
Mission Owner

ONI –
Consortium

Parsons –
Owners Advisor
(AFCEC)

DEFTEC –
USSC Contract
Support

We Want You to Be Part of Our Mission

- **Risks and Challenges**
  - **Competing Projects / Supply Chain / Workforce**
  - **Aggressive Timeline**
  - **"1995 MILCON" Mindset / Customs / Policies**

- **Innovative Solutions/Alternative Delivery Methods**
  - **Secure Construction**
  - **Schedule and Cost Efficiencies**
    - IT Fit-Out
  - **Technology Integration**
  - **Resilient and Redundant Infrastructure Solutions**

- **Best Practices**

- **How do we pose the right Challenge to you to get the best response?**



Questions and Answers