# SIMULATORS DIVISION (AFLCMC/WNS) Update

## 22 June 2023

**Ms. Penny Mason**
**Deputy Division Chief**
**Simulator Division**

# Recent Successes


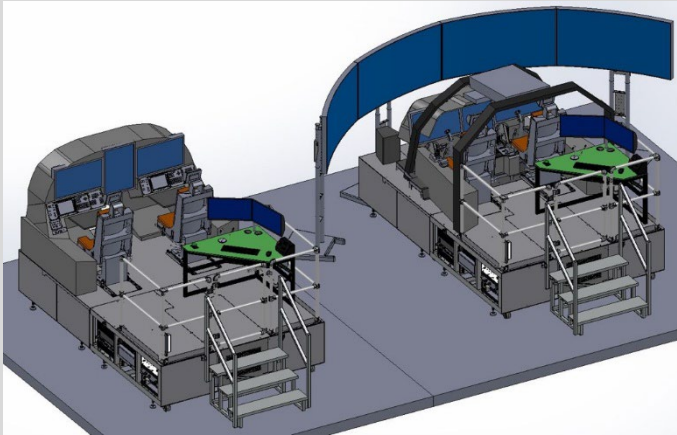AFSOC ACTS – Lockheed Martin


JPATS T6 GBTS - DRG


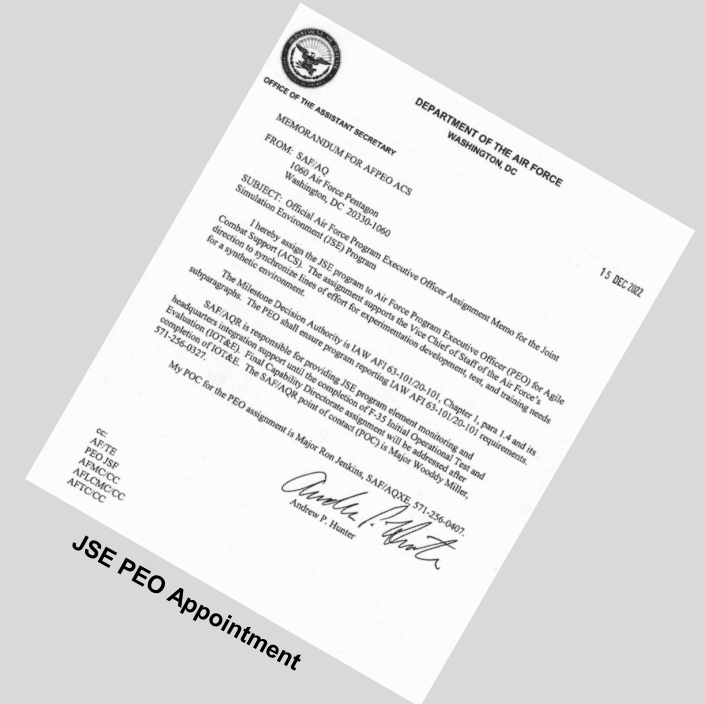SCARS DEVSECOPS Demonstration - CAE


B-52 Notional MET– ASI


B-1 R-CPT Drawing - ASI

**8,400 Training Events**
**26,635 Training Hours**
**1,800 Aircrews Trained**
**19,500 Personnel Trained**
MAF DMO – HII
DMON – Northrop Grumman


JSE PEO Appointment

# Simulators Snapshot

**NTSA**

50 SIMULATORS DIVISION 1973 - 2023

**75** Programs

*supporting*

**9** MAJCOMS

ANG

**29** Program Offices

Navy

**20** Countries

**575+** Members Strong

**2,300+** Training Devices
*Over 93% of the Air Force inventory*

*FY22*

**653** Contract Actions

**$3.4B** Active Year (includes $1.5B for FMS)

**667** Funding Documents

AIR COMBAT COMMAND · AIR EDUCATION & TRAINING COMMAND · AIR FORCE GLOBAL STRIKE COMMAND · AIR FORCE RESERVE COMMAND · AIR FORCE SPECIAL OPERATIONS COMMAND · AIR MOBILITY COMMAND · U.S. AIR FORCES IN EUROPE · PACIFIC AIR FORCES · AIR FORCE MATERIEL COMMAND

# Simulators Division Leadership

**DIVISION CHIEF / SENIOR MATERIEL LEADER**
Col C, 'Matt' Ryan

**DEPUTY DIVISION CHIEF**
Penny Mason

**CHIEF OF ENGINEERING (EN)**
Kelly Navarra

**DEPUTY**
Jeff Pfledderer

**CHIEF OF FINANCE (FM)**
Kristen O'Sullivan

**DEPUTY**
Bruce Comer

**CHIEF OF LOGISTICS (LG)**
Richard Swain

**DEPUTY**
Christal Green

**CHIEF OF CONTRACTING (PK)**
Christine Diehl

**DEPUTY**
Abby Hoefler

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**AIR COMBAT**
**Branch Chief**
Renee Sauerland

**DEPUTY**
Michael Hayes

EN – Susan Schemmel/
Djauna Prewitt/Barry Green
FM – Eric Gilley
LG – Michael Baldwin
PK – Abby Hoefler

**Fighter/Attack**
Maj Anthony Maxie

**Bombers/Special Mission**
Maj Alex Hermes

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**AIR MOBILITY**
**Branch Chief**
Monika Mapley

**DEPUTY**
Rex Easley

EN – Barry Green /
Gernai Bledsoe
FM – Brooke Gibson
LG – Christal Green
PK – Richard Fries

**Airlift**
Holly Hogsett

**Tankers**
Rex Easley (Acting)

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**SPECIAL OPS & AETC**
**Branch Chief**
Lt Col Josh Trantham

**DEPUTY**
Lt Col Blake Bradford

EN – Brian Woehrman /
Greg Enochian
FM – Josh Elliott
LG – Tonita Davis
PK – Shane Hemmerich

**Special OPS**
Lt Col Blake Bradford

**Air Education**
Maj Sean Morris

**Innovation Cell**
Douglas Patton

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**OPERATIONAL TRAINING INFRASTRUCTURE**
**Branch Chief**
Lt Col Drew Frazier

EN – Tom Casey/ Mike Baker
FM – Steve Heyl
LG – Vacant
PK – Shane Hemmerich

**Distributed Training Systems**
Vacant

**Common Architecture & Standards**
Scott Poznanski

**Cybersecurity**
Gary Coe

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**OPERATIONAL TRAINING ENVIRONMENT**
**Branch Chief**
Lt Col John Kovacic

**DEPUTY**
Johnny Clark

EN – TBD
FM – TBD
LG – TBD
PK – TBD

**Joint Simulation Environment**
Johnny Clark

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**FMS**
**Branch Chief**
Doug Rogers

EN – Terri McBeth
FM – Eric Ellsworth
LG – Robert Hemmerly
PK – Michael Carbone

**Fighter Programs**
Tanya Hopson

**Airlift / Tanker Programs**
Vacant

**New Business**
Jesse Dewberry

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**ANALYSIS & INTEGRATION**
**Branch Chief**
Scott Cummings

EN – Jeff Pfledderer
FM – Vacant
LG – Vacant
PK – Vacant
T&E – Pat McLeod

**Program Control**
Vacant

**Division Action Group**
Kara Truelove

*As of Jun 23*

# Guiding Efforts

- Implementing Simulator Common Architecture Requirements and Standards (SCARS)

- Developing, fielding and sustaining a common synthetic environment (Joint Simulation Environment)

- Increasing the capability and interoperability of distributed training networks

- Ensuring sufficient concurrency, fidelity, connectivity, and recapitalization of training systems

# SCARS Overview
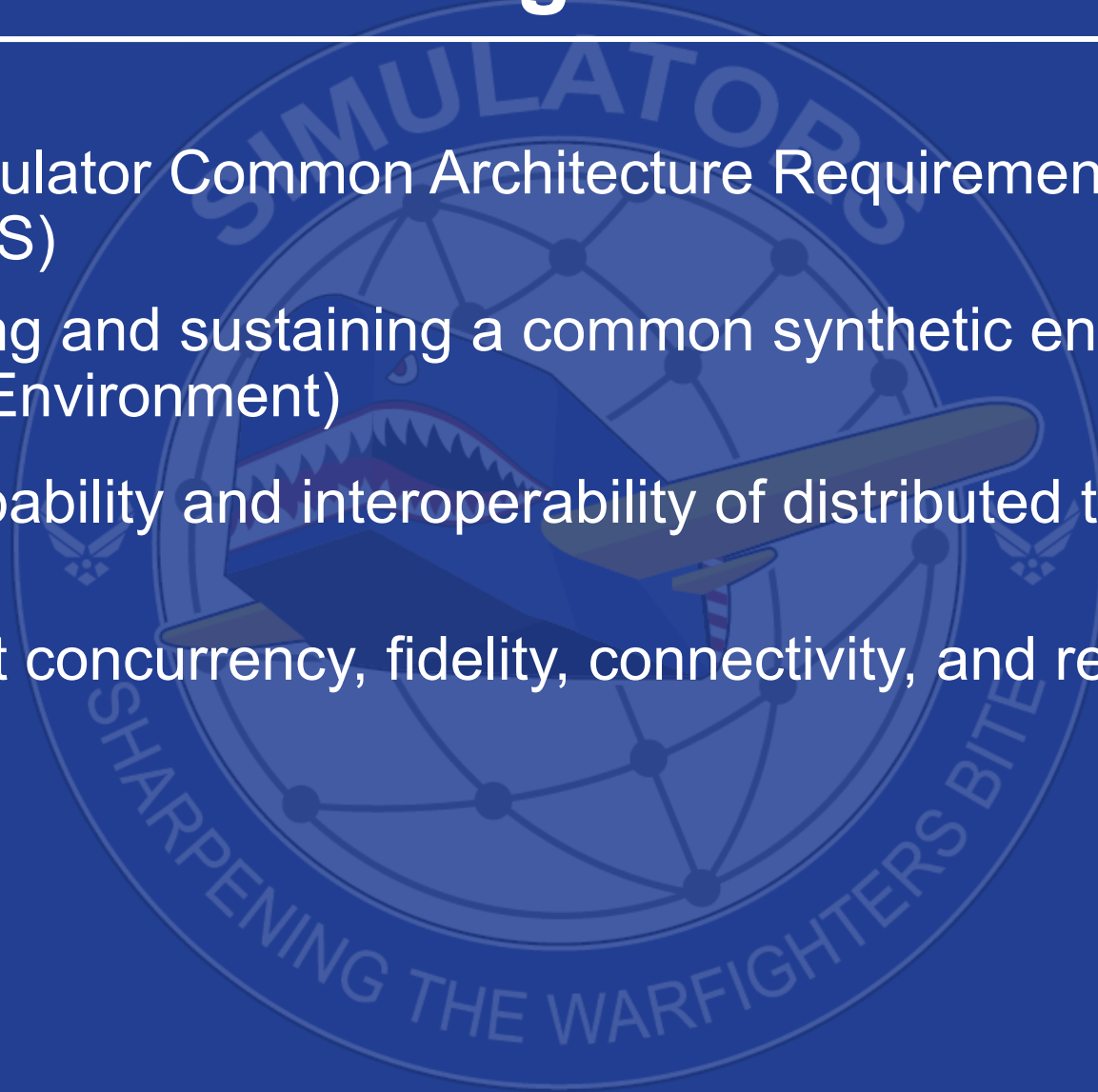
## SCARS provides an Enterprise Solution

An enterprise solution must be capable of spanning multiple generations of training systems

## Key Attributes

- Common Design
- Common Computational Tech Stack
- Single USAF-Wide Ops Center
- User Development Toolkit

**Warfighter**
- Increase in speed to the field
- Higher fidelity of models
- Improved interoperability
- Reduced cyber risk

**Acquisition**
- Increase in speed to the field
- Reduced acquisition cost
- Lower life cycle cost
- Reduced vendor lock
- Less contract actions

**Industry Partners**
- Voice in standards
- Opportunity to develop common models
- Higher reuse/less development risk for affiliates, pathfinders

# SCARS Standards

## On Premise Equipment (OPE) Basic Integration

Specifications for interfacing a training system with SCARS OPE

## Common Security Controls

Specifications for inheriting security controls from SCARS Security Operations Center to a training system integrated with an OPE

## Certification Process

Processes for verifying and sustaining compliance with SCARS Standards

## Application Certification

Processes for certifying and migrating simulation applications to SCARS OPE

## Data

Specifications for standard data formats for interoperability, including Geospatial Data Specification (GDS) and the MBSE Style Guide

## DevSecOps

Processes for development and sustainment of software on SCARS OPE, using a CI/CD pipeline

To request access to the SCARS Standards, email aflcmc.wns.scarsstandards@us.af.mil

# JSE Core Components

**GRID: Global Reusable Interface Domain**
Communicates physics-based interactions and propagation effects to all entities
- WNS: Provides Systems Engineering
- Funding Source: 50/50 USAF/USN
- Integrator: NAWCAD

**Common Services**
Services that generate the physics-based data that describe the synthetic environment. Critical to providing a "fair fight" (e.g., RF, IR, weather, etc.)
WNS: Provides Systems Engineering
Funding Source: 50/50 USAF/USN
Integrator: NAWCAD / 445 TS / SWEGs

**NGTS: Next Generation Threat System**
Synthetic environment generator, models hundreds of threat and friendly constructives. Hosts high fidelity MSIC and NASIC models
- WNS: Provides Systems Engineering
- Funding Source: 50/50 USAF/USN
- Integrator: NAWCAD / 445 TS / 31 CTS

**DIADS: Digital Integrated Air Defense Simulation**
C3, data flows/links, and operator displays of a threat IADS, early warning and height finder radars
- WNS: Provides Systems Engineering
- Funding Source: 50/50 USAF/USN
- Integrator: NAWCAD/412 EWG

**WSCE: Weapon Server Common Environment**
Real-time, high-fidelity kinetic weapon fly outs and Blue counter-measures
- WNS: Provides Systems Engineering
- Funding Source: 50/50 USAF/USN
- Integrator: NAWCAD / 445 TS

**VATS: Virtual Air Threats**
Authoritative Piloted Air Threat using NASIC TMAP models
- WNS: Provides Systems Engineering
- Funding Source: 50/50
- Integrator: XA

**ART: Analysis & Reporting Tool**
Enables near real-time and post mission analysis of simulation generated data
- WNS: Provides Systems Engineering
- Funding Source: 50/50 USAF/USN
- Integrator: NAWCAD

**FIAB: Fighter In A Box**
Rehosted OFP representing a Blue System of Interest (e.g., F-22, B-21, etc.)
- WNS: Manages fielding & sustainment
- Funding Source: Platform SPO or WNS
- Integrator: NAWCAD / 445 TS / SWEGs / XA

**HSI: Human Systems Interface**
Domes, visual systems, cockpits, etc.
- WNS: Manages fielding & sustainment
- Funding Source: WNS
- Integrator: WNS

**Enterprise Developer:** ☐ Industry ☐ NAWCAD ☐ 412th EWG ☐ XA ☐ SWEG ☐ INTEL

JSE    JSE Ecosystem

# JSE Partner Sites
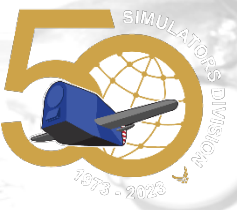


Test Site
Dev Site
Program Office

**TGS**
Affiliate Site (Partial JSE)
@ Fallon NAS, NV

**AFLCMC/XA**
**AFLCMC/WNS**
•@ Wright Patt AFB, OH

**AFOTEC/USAFWC**
@ Nellis AFB, NV
(JSE-N)

**NAVAIR***
@ Patuxent River NAS, MD
(JSE-P)

**412 TW**
@ Edwards AFB, CA
(JSE-E)

**VTTC**
Affiliate Site (Partial JSE)
@ Nellis AFB, NV
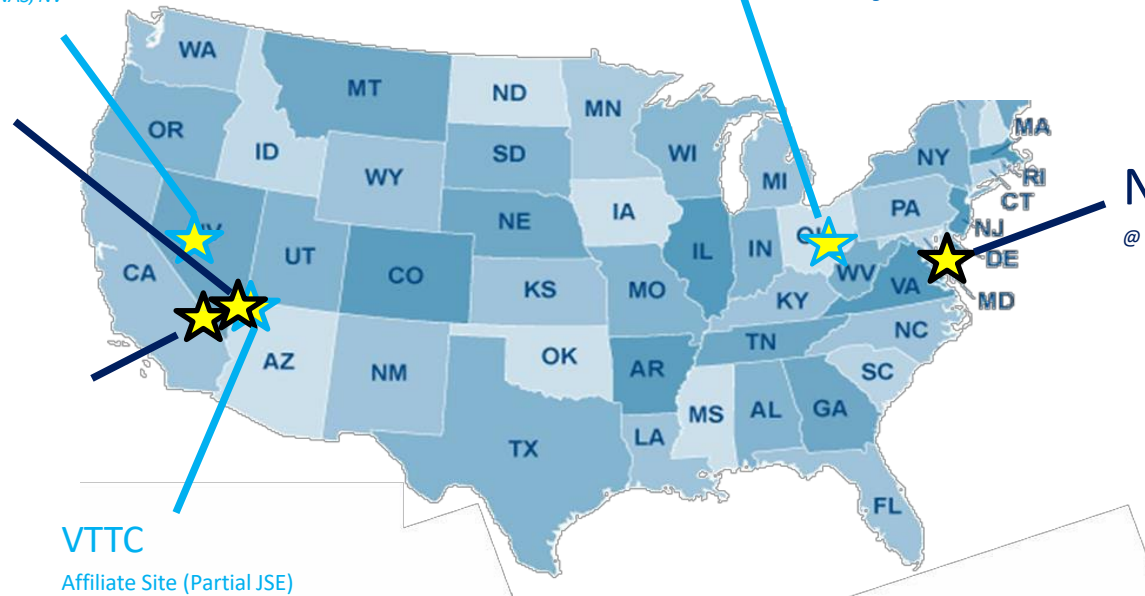
*** JSE-P is operational in support of F-35 Blk 3F IOT&E**

# JSE and You

- Future models and devices must have commonality to connect to JSE

  - GSI is the interface to JSE (how you will plug into the Global Reusable Interface Domain (GRID)); government owned standard for model development

  - Simulation Common Architecture Requirements and Standards (SCARS) Inc IV will include GSI

- Hi-fidelity (OFP-based) models of platforms and sensors required to fully leverage physics-based environment

# Points of Contact

Col C. Matt Ryan (Senior Materiel Leader): charles.ryan.1@us.af.mil

Lt Col John Kovacic (Materiel Leader): john.kovacic@us.af.mil

Mr. Johnny Clark (Deputy Branch Chief): johnny.clark.1@us.af.mil

# Challenges
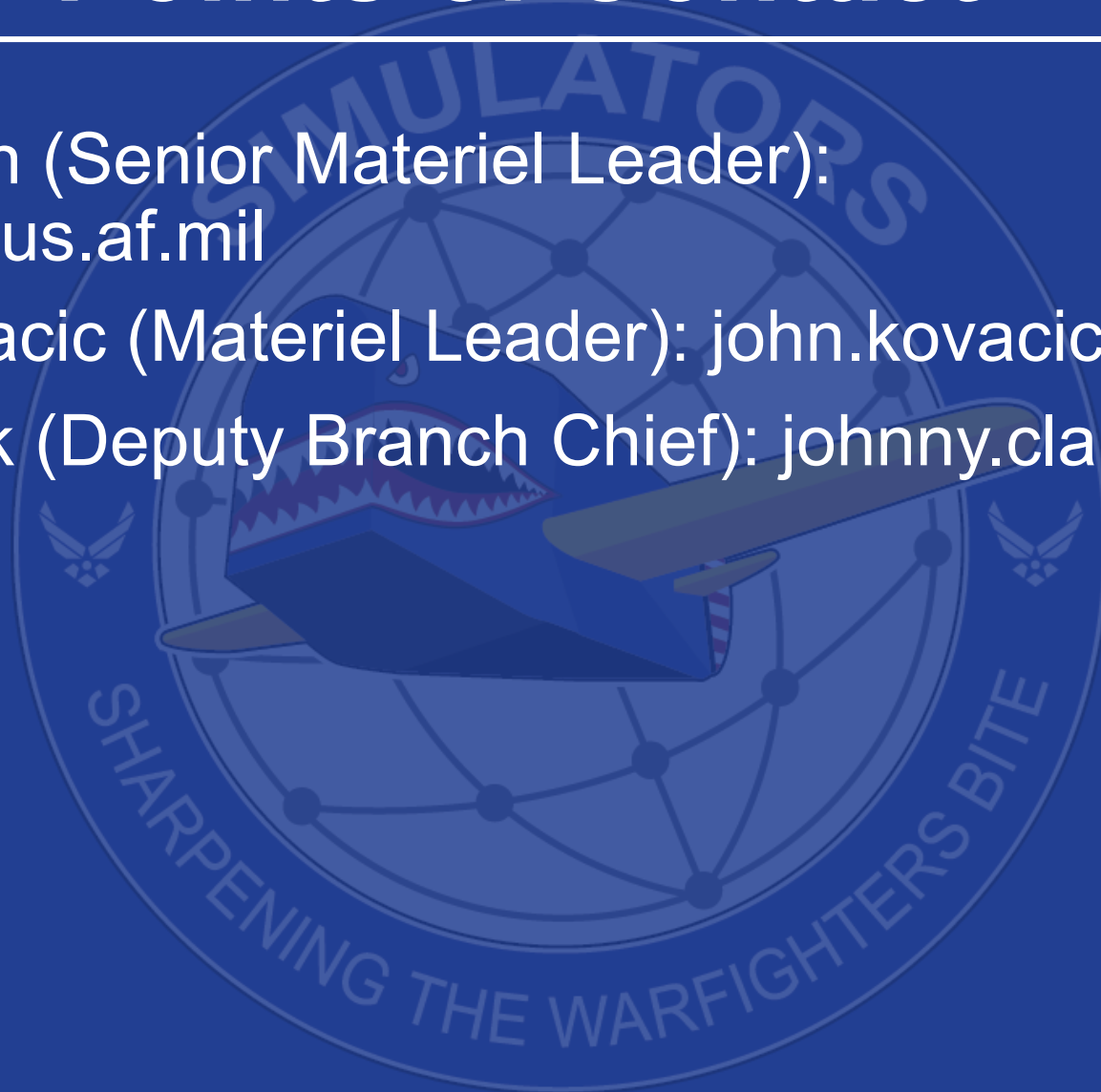
- Budget increases are not keeping up with inflation

- Calendar years 2024-2026 will be Source Selection heavy

- Shrinking budgets = cannot fund everything
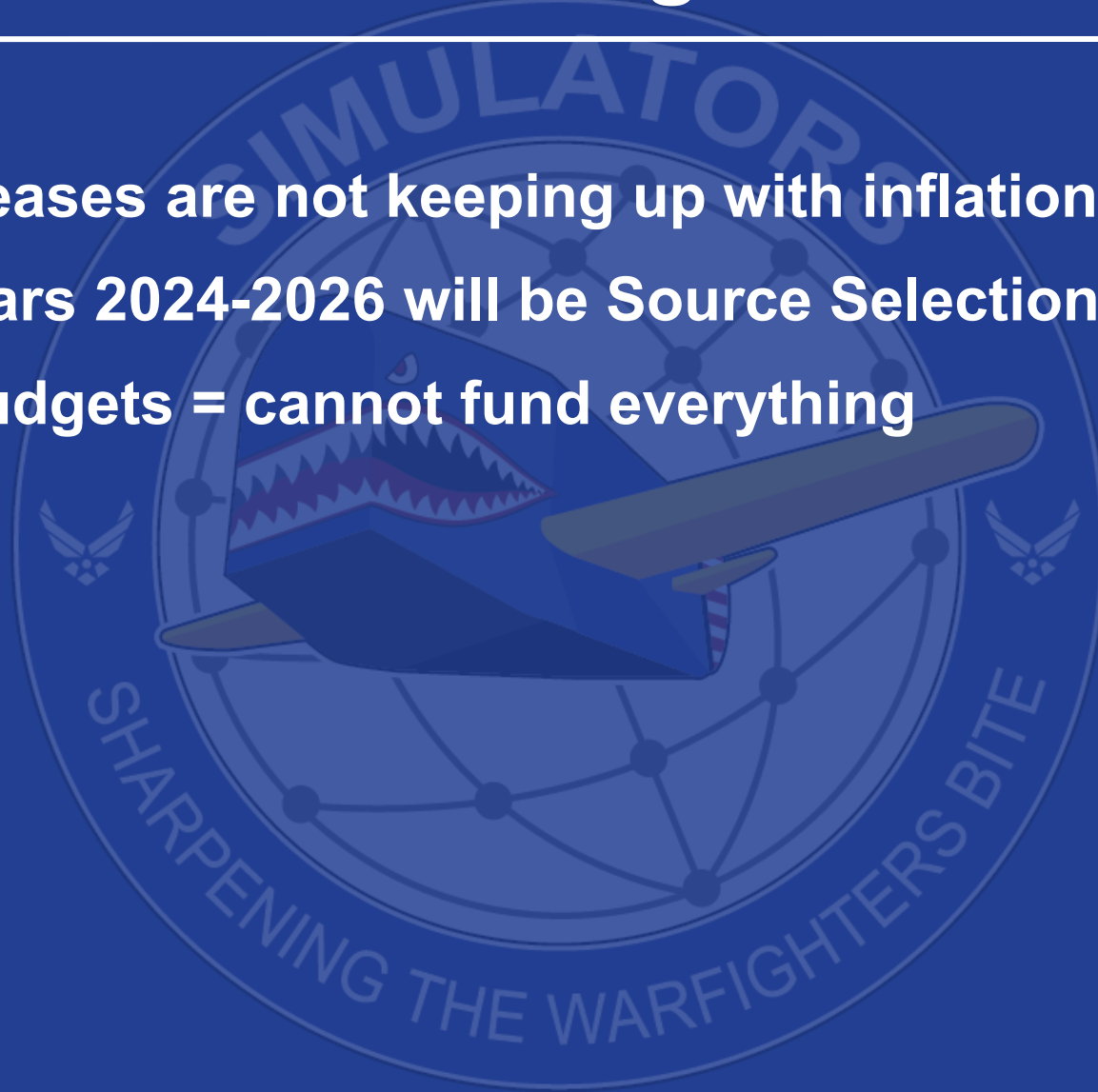
# Penny's Thoughts

- Interest in common/enterprise solutions

- Continuing to move toward digital materiel management

- Cyber and ATO's are becoming high priority and increasingly important

- TSA IV award is coming

- Emphasis on test standardization and thoroughness

# Key Take-Aways

- We value your partnership and appreciate your feedback as we work through execution challenges

- JSE is an Air Force priority program to field the synthetic test and training environment of the future…AF vision is ubiquitous use

- Strategic goal to characterize the cost/benefit of full (Stage 3) SCARS implementation as soon as possible

- SCARS can make training more affordable with common services/apps, and common h/w baseline

- Opportunity for light-weight sims to make training more affordable (family of targeted sims, JSE sites, etc.)

- Need your help with End-of-life software

# CONTRACTING UPDATE

Ms. Christine Diehl
Chief of Contracting
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Simulator Division

# WNS Near-Term Acquisitions

## 2023

- **(KDAM) RATS CLS/TSSC**
- **KDAM ATARS C&I**
- **TSA IV ~ Awarded**

## 2024

- C-17 TS
- B-52 CLS/TSSC
- AWACS DRAGON FCTS
- CAF DMO/DMON 3.0

**Roughly 25% of WNS USAF portfolio is sole source; 75% is competitive or undecided pending market research**

# Future WNS Acquisitions

| 2025 | 2026 | 2027 | 2028 |
|------|------|------|------|
| • C-5 ATS/MATS | • B-1 | • A-10 TS | • E-4B |
| • AFSOC ACTS | • B-2 | • F-16 STP | • Alt Chambers |
| • ANG OTS | • C-130H ATS | • KC-135 | • MAF DMO? |
| • T-6 GBTS | • C-130J MATS TSSC | | • T-1A GBTS |
| • AWACS MTS | • F-15 MTC | | • RATS CLS/TSSC |
| • C-130J | • KC-46 ATS | | • KDAM ATARS C&I |
|   MATS Production | • KC-46 MTS | | • F-16 STP |
| • F-15 TDAS | • Spatial D | | |
| | • E-4B | | |

# TSA IV

- TSA IV is a multiple award ID/IQ contract awarded 31 May 23

- Will utilize FAR 16.5 Fair Opportunity Selections

- Decentralized – any USAF PCO may use if program fits contract scope

- Ceiling = $32.5B; 5 year base ordering period; two options to extend up to another 5 years of ordering; each order may have up to 10-year PoP

- 37 contractors in award pool: 18 small businesses and 19 unrestricted (large) businesses

# TSA IV Small Businesses

- **Aero Simulation (ASI)**
- **Aerospace Training Systems Partners (ATSP) JV**
- **Aviation Training Consulting**
- **Craig Technologies**
- **CTE II JV**
- **CymSTAR LLC**
- **DRG of Oklahoma**
- **Falconry Training Solutions JV**
- **Fidelity Technologies Corp.**

- **Innovative Training Solutions JV**
- **JF Taylor, Inc.**
- **Logistics Services International**
- **Nova Technologies**
- **Phoenix Defense Ventures LLC JV**
- **Pinnacle Solutions**
- **PTC Solutions JV**
- **Radiance Technologies**
- **Spirit Simulation JV**

# TSA IV Large Businesses

- Alion Science & Technology
- American Systems
- AXR Solutions JV
- Azure Training Systems JV
- Boeing
- Booz Allen Hamilton
- CACI
- CAE USA
- Collins Aerospace
- Flight Safety Services

- General Dynamics Information Technology
- Huntington Ingalls Industries
- Lockheed Martin
- Northrop Grumman
- SAIC
- Trusted Readiness Solutions JV
- TRU Simulation + Training
- Veraxx Engineering
- Vertex Aerospace

# C-17 Training Systems

## Program Requirements

The C-17TS Sustainment contract will provide aircrew instruction (ATS only), courseware, ATS & MTS CLS, concurrency and obsolescence modifications, and training flights to produce certified aircrew members. CLS on ATSs also will include supporting the simulators in a networked DMO environment. This contract will also include ATS instruction of C-17 foreign partners on USAF devices. This task order may include the same services for Foreign Military Sales (FMS) case countries. Cybersecurity Risk Management Framework (RMF) requirements will apply.

### ACQUISITION STRATEGY

**PENDING ASP**
Undecided

### PERIOD OF PERFORMANCE

10 year Period of Performance
End Date: August 2034

### MILESTONES

| RFI | RFP | Award |
|---|---|---|
| ▲ | ▲ | ▲ |
| Released | Sep 23 | Apr 24 |

### POINT OF CONTACT

Program Manager: Zachary McClellan
Email: zachary.mcclellan.1@us.af.mil
PCO: Rabbanai Tebah
Email: rabbanai.tebah@us.af.mil

### FUNDING

Firm-Fixed-Price Contract and
Cost Reimbursable CLINs

### CURRENT CONTRACTOR

The Boeing Company (Boeing)

# CAF DMO

## Program Requirements

This is a Contractor Owned, Contractor Operated Contract. It provides the training, scheduling, and distributed mission operation services necessary to ensure interoperability and interconnectivity of participant systems in accordance with the Joint Special Access Program Implementation Guide (JSIG). There are 107 portals supported worldwide, CAF DMO will be adding 11 additional sites which includes three (3) JSE sites (Nellis, Edwards and Pax River). The core functions of the contract are to provide Networking, Distributed Training Center Support (CAF DTC, VTTC); Interoperability and Integration as well as Cyber Security. The requirements are: Network Availability Rate Threshold of 99.7% and Latency threshold of <65 milliseconds with an objective of <10 milliseconds.

### ACQUISITION STRATEGY

**Full & Open, FAR Part 15**
IDIQ Contract

### PERIOD OF PERFORMANCE

Jun 24 – Jun 34
5-year base with five 1-year options

### MILESTONES

| RFI | RFP | Award |
|-----|-----|-------|
| ▲ | ▲ | ▲ |
| Released | Sep 23 | Jun 24 |

### POINT OF CONTACT

Program Manager: Nathan Stevens
Email: Nathan.stevens@us.af.mil
PCO: Kendall Holmes
Email: kendall.holmes.2@us.af.mil

### FUNDING

$ TBD
Firm Fixed Price/Cost Plus

### CURRENT CONTRACTOR

Northrop Grumman

# AWACS DRAGON FCTS

## Program Requirements

The Airborne Warning and Control System (AWACS) Diminishing manufacturing sources Replacement of Avionics for Global Operations and Navigation (DRAGON) Flight Crew Training System (FCTS) contract will provide CLS and TSSC support to three sims at Tinker AFB, OK. CLS and TSSC support consist of ensuring the training system is operational/available at 98%, maintaining multi-airfield VDB, configuration/data management, potential concurrency and obsolescence modifications, possibly establishing connection to the DMON, and may include drawdown or retirement; DMON and drawdown requirements still tbd.

### ACQUISITION STRATEGY

**PENDING ASP**
Competitive Fair Opportunity
Selection using TSA IV

### PERIOD OF PERFORMANCE

1 year base
5x 1-year options
End date: July 2030

### MILESTONES

| Draft FOPR | FOPR | Award |
|------------|------|-------|
| Sep 23 | Nov 23 | May 24 |

### POINT OF CONTACT

Program Manager: Capt William Sousa
Email: william.sousa@spaceforce.mil
PCO: Diane Chen
Email: Diane.chen@us.af.mil

### FUNDING

$ TBD
Firm Fixed Price w/ Cost Reimbursable

### CURRENT CONTRACTOR

CAE

# B-52 Legacy Training Systems Sustainment CLS/TSSC

**NTSA**

## Program Requirements

The Awardee will be tasked with providing CLS and TSSC sustainment services to the legacy B-52 Weapon System Trainer (WST). There will be no upgrades or updates made to the WSTs. The Awardee will also not be required to keep any developmental trainer in a ready state. Additionally, there will not be a requirement to support Distributed Mission Operations (DMO) related environments.

### ACQUISITION STRATEGY

**PENDING ASP**
Competitive Fair Opportunity Selection using TSA IV

### PERIOD OF PERFORMANCE

TBD – Acquisition Planning Underway

### MILESTONES

| RFI | FOPR | Award |
|-----|------|-------|
| ▲ | ▲ | ▲ |
| Nov 23 | Apr 24 | Oct 24 |

### POINT OF CONTACT

Program Manager: Michael Salyer
Email: james.salyer.2@us.af.mil
PCO: Curtis Carson
Email: curtis.carson.2@us.af.mil

### FUNDING

$ TBD
Firm Fixed Price

### CURRENT CONTRACTOR

ATC

# T-6 GBTS

## Program Requirements

T-6 GBTS functions as an integrated part of the USAF Undergraduate Primary Pilot Training, Undergraduate Student Naval Pilot Training, Specialized Undergraduate Pilot Training, USAF Undergraduate Navigator Training, Euro-NATO Joint Jet Pilot Training, and Undergraduate Naval Flight Officer Training programs. The program provide entry-level training to USAF, USN, USMC and USCG student pilots; provide primary & intermediate training to USN Student Naval Flight Officers and basic understanding of airmanship to entry level USAF student navigators. There are 126 total devices across 9 distinct locations. The contractor will provide Maintenance and Logistics Support, TSSC, CLS, Computer Aided Instruction; Config Management, Program Management, Systems Engineering and Cyber Security

### ACQUISITION STRATEGY

**PENDING ASP**
Competitive Fair Opportunity Selection using TSA IV

### PERIOD OF PERFORMANCE

TBD – Acquisition Planning Underway

### MILESTONES

| RFI | FOPR | Award |
|-----|------|-------|
| ▲ | ▲ | ▲ |
| Jul 23 | Apr 24 | Dec 24 |

### POINT OF CONTACT

Program Manager: Sara Beth Frye
Email: sara.frye.1@us.af.mil
PCO: Pamela Randall
Email: pamela.randall.1@us.af.mil

### FUNDING

$ TBD
Firm Fixed Price

### CURRENT CONTRACTOR

Delaware Resource Group (DRG)

# C-5 Training Systems

## Program Requirements

The C-5 Aircrew Training System consists of 7 Weapon System Trainers at 4 locations and 2 cargo loading systems trainers at JBSA (Lackland). The C-5 Maintenance and Aircrew Training System (MATS) consists of 34 Maintenance Training Devices (MTDs) and 3 Aerial Refueling Part-Task Trainers (ARPTT) at 3 locations. The intent is to combine the ATS and MATS contracts to one. The using organizations are AMC, AETC, USAFE, PACAF AND AFRC.  The requirements are: ATS at a 98% availability, Guaranteed Student Graduation and MTDs at a 98% availability.

### ACQUISITION STRATEGY

**PENDING ASP**
Competitive Fair Opportunity Selection using TSA IV

### PERIOD OF PERFORMANCE

TBD – Acquisition Planning Underway

### MILESTONES

| RFI | FOPR | Award |
|-----|------|-------|
| ▲ | ▲ | ▲ |
| Nov 23 | May 24 | Oct 25 |

### POINT OF CONTACT

Program Manager: Jaime Smith
Email: Jaime.smith.13@us.af.mil
PCO: Andre White
Email: Andre.white.7@us.af.mil

### FUNDING

$ TBD
Firm Fixed Price / Cost Reimbursable

### CURRENT CONTRACTOR

ATS: CymSTAR LLC
MATS: CTE - JV

# Air National Guard Operational Training Support

**NTSA**

*50 SIMULATORS DIVISION 1973 - 2023*

## Program Requirements

Provide DMO Operations Support for Mission Planning, Manned-Constructive White Force, Technology Support, Scheduling, and Establish & Maintain Secure Accredited Networks for daily DMO. The main customer is the Air National Guard at the Distributed Training Center in Des Moines, IA. The supported MAJCOMS are: ANG, AFRC, AFSCO, ACC, AMC, AECT, AFGSC and Coalitions.

### ACQUISITION STRATEGY

**PENDING ASP**
Competitive Fair Opportunity Selection using TSA IV

### PERIOD OF PERFORMANCE

May 25 – Aug 30
Three Month Transition Period
1 base year with Four 1-year options

### MILESTONES

| RFI | FOPR | Award |
|-----|------|-------|
| ▲ | ▲ | ▲ |
| Jul 23 | Jul 24 | Mar 25 |

### POINT OF CONTACT

Program Manager: 2LT Lathan Spadafora
Email: lathan.spadafora.1@us.af.mil
PCO: Kari Wedemeyer
Email: kari.wedemeyer@us.af.mil

### FUNDING

$ TBD
Firm Fixed Price/Cost-Reimbursable

### CURRENT CONTRACTOR

HII MDIS, Inc.

# AWACS Maintenance Training Systems (MTS)

## Program Requirements

The Airborne Warning and Control System (AWACS) Maintenance Training System (MTS) provides support training for AETC and 552 ACW Maintenance Personnel. There are twenty-three field and mobile training devices at Tinker AFB, OK. The contractor will provide continued logistic support to manage, maintain, update and operate the training systems. Contractor will provide CLS and TSSC support consist of ensuring the training system is operational/available at 95.

### ACQUISITION STRATEGY

**PENDING ASP**
Competitive Fair Opportunity
Selection using TSA IV

### PERIOD OF PERFORMANCE

TBD
End date: July 2030

### MILESTONES

| RFI | FOPR | Award |
|-----|------|-------|
| ▲ | ▲ | ▲ |
| Jun 24 | Aug 24 | Oct 25 |

### POINT OF CONTACT

Program Manager: Maj Anthony Maxie
Email: anthony.maxie.1@us.af.mil
PCO: Diane Chen
Email: diane.chen@us.af.mil

### FUNDING

$ TBD
Firm Fixed Price w/ Cost Reimbursable

### CURRENT CONTRACTOR

Fidelity Technologies, Inc.

# AFSOC ACTS

## Program Requirements

AFSOC ACTS (Air Force Special Operations Command Air Commando Training Systems) contract enables aircrews to train in simulated but realistic, complex scenarios and exercises to enhance operational readiness. providing excellence in training aids, devices, simulators, and simulations in live, virtual, constructive media, and Air Force Distributed Mission Operations to produce high-quality combat ready professional military aviators across 5 distinct Mission Design Series. Key objectives include: TSSC, CLS, Cybersecurity, DMO and ECPs. There are 10 locations with various devices.

### ACQUISITION STRATEGY

**PENDING ASP**
Competitive Fair Opportunity Selection using TSA IV

### PERIOD OF PERFORMANCE

TBD – Acquisition Planning Underway

### MILESTONES

| RFI | FOPR | Award |
|-----|------|-------|
| ▲ | ▲ | ▲ |
| May 24 | Nov 24 | Oct 25 |

### POINT OF CONTACT

Program Manager: Stanley Cadell
Email: stanley.cadell.1@us.af.mil
PCO: John Lindsay
Email: john.lindsay.2@us.af.mil

### FUNDING

$ TBD
Firm Fixed Price

### CURRENT CONTRACTOR

Lockheed Martin Corporation

# B-1 Training Systems

## Program Requirements

The B-1 Training System (TS) provides concurrent training devices for B-1 aircrews and maintainers. On-site and on-call CLS is provided at 3 main operating locations. The program consists of 20 Maintenance Training Devices (MTDs) and 5 Cockpit Procedure Trainers (CPT), 2 Egress Trainers, 3 Armaments Systems Trainers and 5 Weapon Systems Trainers (WST). The using organization are AFGSC and AETC. The Contractor will provide continuing CLS and change management for concurrency and trainer-unique Reliability and Maintainability changes. The requirements are 97% availability for ATDs and on-call repair in 2 days for MTDs

### ACQUISITION STRATEGY

**PENDING ASP**
Competitive Fair Opportunity Selection using TSA IV

### PERIOD OF PERFORMANCE

TBD – Acquisition Planning Underway

### MILESTONES

| RFI | FOPR | Award |
|-----|------|-------|
| ▲ | ▲ | ▲ |
| Aug 25 | Feb 26 | Jun 26 |

### POINT OF CONTACT

Program Manager: Matthew Long
Email: matthew.long.28@us.af.mil
PCO: Curtis Carson
Email: curtis.carson.2@us.af.mil

### FUNDING

$ TBD
Firm Fixed Price

### CURRENT CONTRACTOR

Aero Simulation, Inc.

# TSA IV Joint Ventures - Small

- ATSP JV - Applied Visual Technologies Simulation; C2Technologies

- CTE II JV – Carley Corporation; Engineering Support Personnel Inc.

- Falconry Training Solutions JV – Alpha-1 Aerospace LLC; Pathfinder Systems, Inc.; SimiGon, Inc.

- ITS LLC JV – ProActive Technologies, Inc.; System Studies & Simulation, Inc.; The ASTA Group LLC

- Phoenix Defense Ventures LLC JV – Phoenix Logistics, Inc.; Riptide Software, Inc.

- PTC Solutions JV – Potawatomi Training, LLC (mentor); CAE USA Mission Solutions, Inc (protégé)

- Spirit Simulation, Inc. JV – DynaLantic Corp.; Shen Te Enterprises, Inc.; SA Technical Services, Inc.

# TSA IV Joint Ventures - Large

- **AXR Solutions JV – Cole Engineering Services; Specular Theory**

- **Azure Training Systems JV – FAAC Inc; The DiSTI Corporation; PULAU Corporation**

- **Trusted Readiness Solutions JV – Crew Training International, Inc.; PLEXSYS Interface Products, Inc.**