



# AIR COMBAT BRANCH

Ms. Renee Sauerland  
AFLCMC/WNS  
renee.sauerland@us.af.mil  
24 April 2024

Disclaimer: The information provided herein represents the Government's best understanding of the procurement as of the presentation date. This information should be considered preliminary and subject to change.

# AFLCMC/WNSA

**Chief: Renee Sauerland**

**Dep Branch Chief**

**Michael Hayes**

**Fighter/Attack- PM**

**Chief: Maj Anthony Maxie**

**A-10 ATS:** Martin Kalfas  
**F-15 MTC:** Nathan Stevens  
Jeffrey Forney (Ctr)  
**F-15 TDAS:** Benjamin Belickis  
**F-15 TS :** Capt Jessica DeLong  
(Inbound)  
Teresa Mann (Ctr)  
Donald Roley (Ctr)  
**F-16 STP:** Lindsay Babish  
Stephanie Kanistros (Ctr)

**Bomber/Special Mission- PM**

**Chief: Maj Alex Hermes**

**B-1 TS:** Matthew Long  
**B-2 TS:** Timothy Joliat  
Matthew Triplett (PAQ)  
**B-52 TS:** James Salyer  
Brian Karraker  
Felix Castro  
Lt Balili Lloydon-Adler (Inbound)  
Ricky Robinson (Ctr)  
**E-3 DRAGON FCTS:** Capt William  
Sousa  
Elizabeth Carlucci-Bailey (Ctr)  
Chad Mang (Inbound)  
Lt William Keller (Inbound)  
**E-3 MTC:** David Farrell  
**E-3 FCT/MTS :** David Farrell  
**E-4B:** David Farrell

**Functional Support**

**PK**

**Chief: Abby Hoefler**  
**Fighter Section: Andrew Gill**  
**F-16:** Jason Brown (CO)  
Megan Morrison & Alex Bathe (Buyers)  
**F-15 TS:** Jenah Hernek (CO)  
Matt Kolksey (Buyer)  
**F-15 MTC:** Jesse Cooley (CO)  
Erin Duepree (Buyer)  
**F-15 TDAS:** Jesse Cooley (CO)  
Virginia Smith (Buyer)  
**Attack Section: Diane Chen**  
**A-10:** Julianne Payne (CO)  
Lindsay Whittington (Buyer)  
**E-3 DRAGON:** Capt Trevor Arnold (CO)  
Jeremy Wal (Buyer)  
**Bomber Section: David Zeller**  
**B-1:** Robert Strong (CO)  
Ally Sparks (Buyer)  
**B-2:** Taylor Wilson (CO)  
Patrick Brangers (Buyer)  
Alex Blaschak (Buyer)  
**B-52:** Taylor Wilson (CO)  
Alex Blaschak (Buyer)  
Jordan Schotz (Buyer)

**Functional Support**

**EN**

**Chief Fighter/Attack:**  
**Susan Schemmel**  
Donna Murray-Hill  
Kelvin McKinney  
Lt Connor Martin  
Harry Westerman (Ctr)  
William Stover, Test (Ctr)  
Danny Giesler, Test (Ctr)  
Brett Layton  
Nichelle Stewart  
Samuel "Allan" Spring  
2d Lt Angela Burns  
**Chief Bomber/Special  
Mission: Djauna Prewitt**  
Anthony Cassidy  
Bryon Meacham (Ctr)  
Derek McCord  
John Oxner  
Caelan Smith  
Juan "Austin" Rivera

**CONFIG/DATA  
MANAGEMENT**

**Chief: Donna Whitt**  
**A-10 ATS:** Matthew Brinson Ctr  
**B-1/B-2 TS :** Christian Tallet (Ctr)  
**B-52:** Carolyn Montgomery (Ctr)  
**E-3 DRAGON:** Jill Lemming  
**E-3 FCT/MTC/MTS** Sarah Newlin  
**E-4B:** Donna Whitt  
Christopher Broach (PAQ)  
**F-15 MTC:** Chelsea Crisp (Ctr)  
**F-15 TDAS:** Eric Nelson (Ctr)  
**F-16 STP:** Carrie Yenger-  
Shepherd  
Grant Bergman (PAQ)

**FM**

**Chief: Eric Gilley**  
Jason Thelen  
Laura Stookey  
Misty Turner  
Cost: Austin Clack  
Benjamin Smith  
Holly Cosler  
Michael Stoll

**Security**

**Collateral:** Ken Keyes  
**GSSO:** Mike Mills/Eric Schiro  
Patrick Schoop (Ctr)  
**AFOSI/PJ:** Sharkey Collier (Ctr)

**Test & Evaluation**

Gregg Clark (Ctr)

**Cyber-Security**

John Kennedy (Ctr)  
Joe Hardy (Ctr)  
Walt Van Daele (Ctr)  
Lamar Robinson (Ctr)  
Rich Walker (Ctr)  
Erica Andrews (Ctr)  
Michael Bell (Ctr)

**LG**

**Chief: Michael Baldwin**  
Patricia "Sharon" Cottrill (Ctr)  
Matthew Meginnes  
Jeff Johnson  
Carlos Phillips (Ctr)  
William "Bill" Vernon  
Joel Kranenburg  
Margaret Boyd

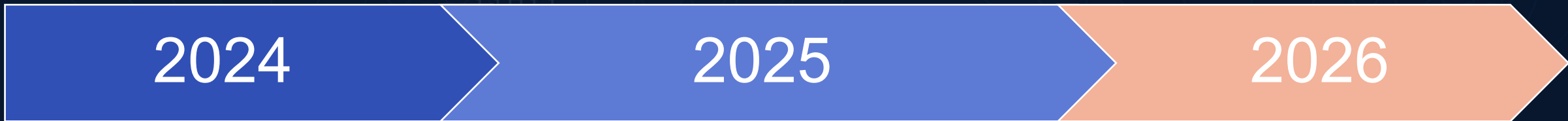


# UPCOMING ACQUISITIONS



**KEY**

- Full and Open
- TSA IV
- Undecided



Jul 24–  
AWACS  
DRAGON –  
Oct 24

Nov 24 – AWACS MTS – Oct 25

Jul 25 – B1 TS – Mar 26



# AWACS DRAGON FCTS

Capt William Sousa  
AFLCMC/WNS  
[william.sousa@spaceforce.mil](mailto:william.sousa@spaceforce.mil)

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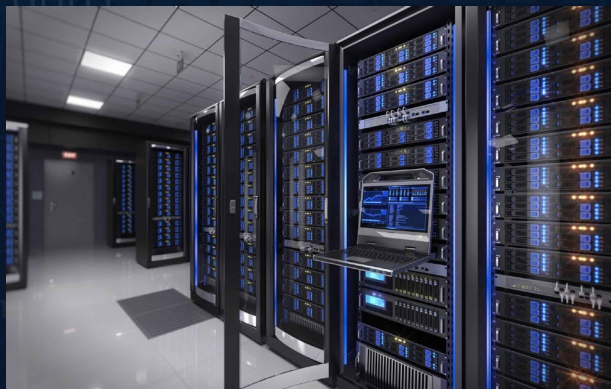
2x Full Flight Simulators (FFS)



Flight Training Device (FTD)



Training System Support Center (TSSC)

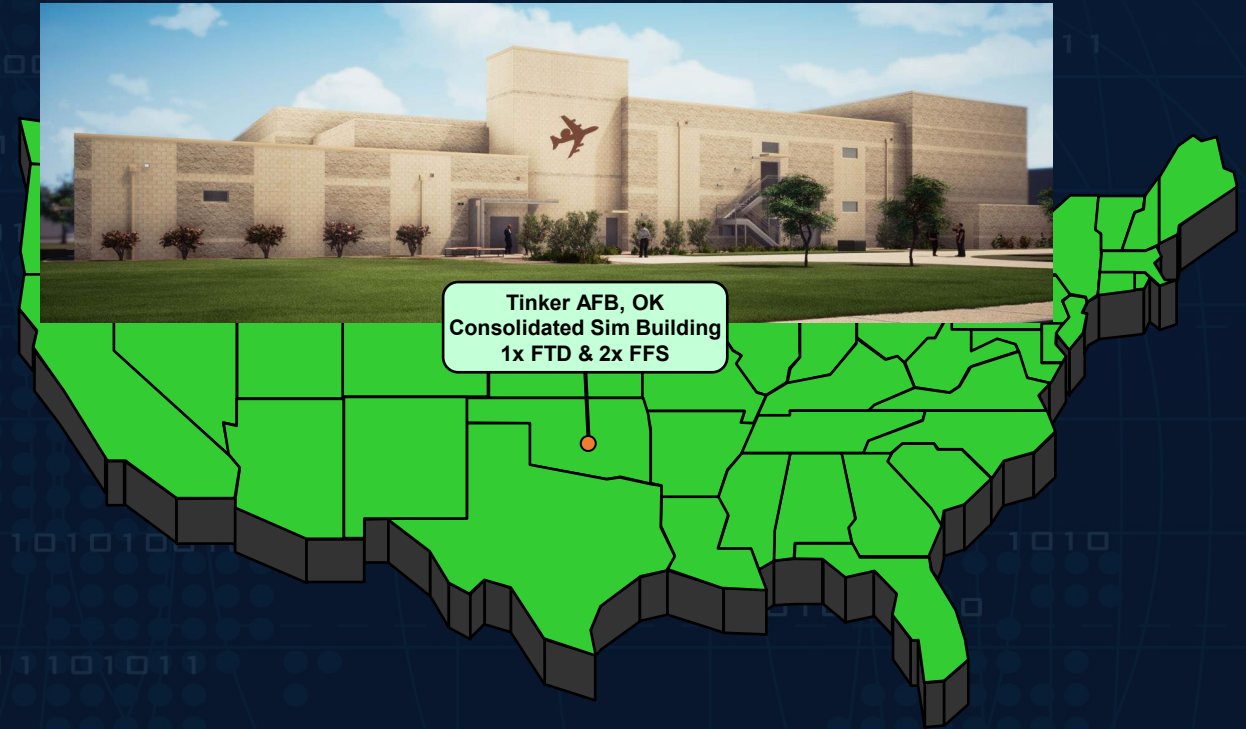


Brief/Debrief Rooms w/ Graphical Cockpit



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- The E-3 DRAGON Flight Crew Training Systems (FCTS) program consists of 3 sims and 1 TSSC.
  - The DRAGON FCTS provides pilots and flight engineers with realistic flight training necessary for initial and reoccurring certifications.
  - Using Org(s): 552 ACW
- Provide DRAGON FCTS continued logistic support to manage, maintain, update, and operate the training system and support center to meet user training requirements.
- Requirements
  - FCTS on-site: 98% availability



Key
ACW – Air Control Wing
CSB – Consolidated Sim Building
FTD – Flight Training Device
FFS – Full Flight Simulator

Site Legend
Mil/Govt
Contractor





## **Current Contractor:**

Company: CAE USA Inc.

Contract Number: FA8621-16-C-6371

Period of Performance: 29 Jul 16 – 28 Jan 25

## **Proposed Acquisition Strategy for Follow-On Effort**

- TSA IV
- Firm Fixed Price and Cost Reimbursable CLINs
- Single Award
- Period of Performance: 1 year base; Five 1-year options

## **Anticipated Schedule for Follow-On Effort**

- RFI release: Mar 24
- RFP Release (planned): Jul 24
- Award (planned): Oct 24

Industry will receive updates from the program office via TSA IV



# NTSA CURRENT SCOPE VS FOLLOW-ON SCOPE



Current Scope	New Scope
Flight Crew Training System (FCTS) development & production	
Contractor Logistics Support (CLS)	CLS
Training System Support Center (TSSC)	TSSC
Change Management	Change Management
Contract Transition	Contract Transition
Instructor Operator Station (IOS) Training	IOS Training
	<b>Financial Improvement and Audit Readiness (FIAR)</b>
	<b>Distributed Mission Ops (DMO) [Option]</b>
	<b>Sunset [Option]</b>

# AWACS DRAGON OVERALL REQUIREMENTS



Program	Hardware Buy	CLS	TSSC	Modifications	Courseware Development	Instruction
<b>AWACS DRAGON FCTS</b>		X	X	X		

# POINTS OF CONTACT



Program	PM	Contracts	End User
<b>DRAGON</b>	<b>Capt William Sousa</b>	<b>Diane Chen</b>	<b>Victor Edwards</b>
Office	AFLCMC/WNS	AFLCMC/WNS	ACC/A5TS
Email	<a href="mailto:william.sousa@spaceforce.mil">william.sousa@spaceforce.mil</a>	<a href="mailto:diane.chen@us.af.mil">diane.chen@us.af.mil</a>	<a href="mailto:victor.edwards.2@us.af.mil">victor.edwards.2@us.af.mil</a>



# AWACS Maintenance Training System (MTS)

Mr. David Farrell  
AFLCMC/WNS  
david.farrell.8@us.af.mil

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### Surveillance Radar Training Set



### Flight Deck Trainer



### Integrated Trainer



### Mobile Flight Director/Radio Navigation Trainer



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- The AWACS MTS provides support training for AETC and 552 ACW maintenance personnel; developing hardware & software proficiency on E-3 AWACS aircraft
  - Supported MAJCOMS: ACC, AFGSC, AETC
  - Using Org(s): 552 ACW
- Provide AWACS MTS continued logistic support to manage, maintain, update, and operate applicable training systems
- Requirements:
  - SRTS, FMT, and PMT training systems: 95% availability







## **Current Contractor:**

Company: Fidelity Technologies Inc.

Contract Number: FA8621-18-F-6258

Period of Performance: 1 Jul 18 – 31 Dec 25

## **Proposed Acquisition Strategy for Follow-On Effort**

- TSA IV
- Firm Fixed Price and Cost Reimbursable CLINs
- Single Award
- Period of Performance: TBD

## **Notional Schedule for Follow-On Effort**

- RFI release (planned): Jun 24
- RFP Release (planned): Nov 24
- Award (planned): Oct 25

Industry will receive updates from the program office via TSA IV

# NTSA CURRENT SCOPE VS FOLLOW-ON SCOPE



Current Scope	New Scope
Training System Support Center (TSSC)	TSSC
Contractor Logistics Support (CLS)	CLS

# AWACS MTS OVERALL REQUIREMENTS



Program	Hardware Buy	CLS	TSSC	Modifications	Courseware Development	Instruction
<b>AWACS MTS</b>		X	X			



# POINTS OF CONTACT



Program	PM	Contracts	End User
<b>AWACS MTS</b>	<b>David Farrell</b>	<b>Diane Chen</b>	<b>Victor Edwards</b>
Office	AFLCMC/WNS	AFLCMC/WNS	ACC/A589
Email	david.farrell.8@us.af.mil	diane.chen@us.af.mil	victor.edwards.2@us.af.mil



# B-1 TRAINING SYSTEM

Mr. Matthew Long  
AFLCMC/WNS  
(937) 510-1732  
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## Aircrew Training Systems



**WST Flight & Aft**  
5 Weapon System Trainers



**MT**  
2 Mission Trainers



**CPT**  
5 Cockpit Procedure Trainers

## Maintenance Training Systems



**A/AMTS**  
8 Avionics Armament Maintenance Training Systems



**SMTS**  
9 Simulated Maintenance Training Systems



**P/S FCSMT**  
1 Primary/Secondary Flight Control Maintenance Trainer



**AST**  
3 Armament System Trainers



**Egress**  
2 Egress Trainers



## B-1 TRAINING SYSTEMS



- The B-1 TS program consists of 20 Maintenance Training Devices (MTDs) and 5 Cockpit Procedure Trainers (CPT), 2 Egress Trainers, 3 Armaments System Trainers, and 5 Weapon System Trainers (WST).
  - The B-1 WSTs provide development of proper aircrew coordination in comprehensive flight, mission, and tactics environments and provide initial avionics training
  - The B-1 MTDs are Trainer Field Equipment (TFE) which provide students with the ability to become proficient in the maintenance of the aircraft.
- Using Organization(s) GSC, AETC
- Provide B-1 Training Systems continuing CLS and change management for concurrency and trainer-unique Reliability & Maintainability changes
- Requirements:
  - Aircrew Training Device on-site: 97% availability
  - MTD on-call repair: 2 Days



Site Legend
Mil/Govt
Contractor



## Current Contractor:

Company: Aero Simulation Inc

Contract Number: FA8621-18-F-6261

Period of Performance: 25 Sep 18 – 30 Jun 26

## Proposed Acquisition Strategy for Follow-On Effort

- Market Research will be performed to determine whether Small Business Set-Aside
- Firm Fixed Price and Level of Effort
- Single Award
- Period of Performance: TBD

# B-1 TRAINING SYSTEMS

## ANTICIPATED SCHEDULE FOR FOLLOW-ON EFFORT



- Acquisition Planning Start: Jan 25
- Request for Information Released: Mar 25
- First Industry Day: May 25
- RFP Release: Jul 25
- Award: Mar 26

Industry will receive updates from the program office via TSA IV



# B-1 TRAINING SYSTEMS OVERALL REQUIREMENTS



Program	Hardware Buy	CLS	TSSC	Modifications	Courseware Development	Instruction
B-1 Training Systems		X	X	X		

# POINTS OF CONTACT



Program	PM	Contracts	End User
<b>B-1 TS</b>	<b>Matthew Long</b>	<b>Robert Strong</b>	<b>Thomas Woods</b>
Office	AFLCMC/WNS	AFLCMC/WNS	HQ AFGSC/A5B
Email	matthew.long.28@us.af.mil	robert.strong.17@us.af.mil	thomas.woods.16@us.af.mil



QUESTIONS?





# AIR MOBILITY BRANCH

Ms. Monika Mapley  
AFLCMC/WNSM  
Monika.mapley@us.af.mil  
24 April 2024

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# AFLCMC/WNSM

Chief: Monika Mapley

## Functional Support

### PK

**Chief: Richard Fries**

Ryan Masin (C-130J/H)

Kyle Palko

James "Mike" Huffman

Aaron Christy

Ronald "Alan" Frantz

**Andre White (C-5/C-17)**

Rabbanai Tebah

Guillermo Martinez

Chris Draut

Sarah Hines

Yousef Saleh

**Chase Ralston (KC-46)**

Dasia Johnson

Kathy Julian

Chris Perry

Jordan Dean

**Jenifer Moore(KC-135/10)**

Vanessa Pottinger

Lisa Timmer

Eileen Potter

Dominic McClung

### FM

**Chief: Brooke Gibson**

Dustin Bingham

Paul Jackson

Mark Kors

Brian Reis

Deb Smeltzer

Jasmine Flowers

Evan Nelson (cost)

Sarah Cannon (cost)

Ashley Cunningham

Gabriel Garnett (WLC)

## TANKER SYSTEMS - PM

Chief: Rex Easley

**KC-10: Taylor Shumaker**

**KC-135: Eric Crawford**

William "Dave" Smart (Ctr)

**KC-135 BOSS: Tameka McCoy**

**KC-46 ATS: Curtis Carr**

Erin Craig

**Capt Matteo Finazzo**

Harry Bender (Ctr)

Robert Lambert (Ctr)

Jada Day (PAQ)

Rich Ficken (Ctr Pilot SME)

**KC-46 MTS: Tom Mallets**

2Lt Judy Ngo

Tommaso Camilleri (Ctr)

Jessica Yetzke (Ctr)

## CYBERSECURITY

Brian Hale (Ctr)

Kevin Hayslett (Ctr)

Andrew Sanderson

Ronald Burns

Ben Jackson (Ctr)

Brad Sayles (Ctr)

Walter Van Daele (Ctr)

Raymond Dom (Ctr)

James Yannekis

## Dep Branch Chief

Rex Easley

## LOGISTICS

**Michael Baldwin (Interm Chief)**

Jeff Jones

Craig Miller

Dave Purtee (Ctr)

TSgt Kyle Poston

Chris Horning

Bruce Hegner,

Mark Kellie (Ctr)

Doug Puckett (Ctr)

Tracey Baker (Ctr)

Ms. Carrie Myers

Eric Boone(Ctr)

Rod McDonald (Ctr)

Dwayne Dybala (Ctr)

Delandry Carter

## KC-46 TRAINING IPT (AFLCMC/WLC)

Director: Marcy Roppe-Bernard

PM Cpt Klump

ATS/MTS FM: Ashley Cunningham

Gabriel Garnett

Admin: Jean Rishforth (Ctr)

## AIRLIFT SYSTEMS - PM

Chief: Holly Hogsett

**C-5: Jaime Smith**

Taylor Kelly (PAQ)

**C-17: Zach McClellan**

Ryan Reichley

Jason Hamby (Ctr)

Nicholas Finney (PAQ)

Logan Ball (PAQ)

**C-130H: Steve Grotjan**

Gretchen Perry

**C-130J: Caleb Musselman**

Hanna Hurtig (PAQ)

Lamont Butler (Ctr SME)

Bruce Walters (Ctr SME)

## CONFIG/DATA MANAGEMENT

**Chief: Donna Whitt**

Jill Lemming

Edwin Campoy (Ctr)

Gregory Jergens (Ctr)

Jasmine Thomas (Ctr)

Lucas Frost (Ctr)

Eric Nelson (Ctr)

Dennis Anderson (Ctr)

Dylan Davis (PAQ)

## Functional Support

### EN

**Airlift Chief: Gernai Bledsoe**

Kyle Ruff

Dan Livesay

Meghan Holtz

2Lt Billy Serrano

Jeanette Byorick (Ctr)

Thomas Grove(Ctr)

Mark Loges (Ctr)

Bob Russel (Ctr)

Dana Clark

Jason Eaddy (Ctr)

**Tanker Chief: Barry Green**

Michael Penn

Donald Saettel

Jonathan Knox

Tyler Burke

James Edwards

Ben Ndiaye

Dan Shapiro (Ctr)

Steve Tattershall (Ctr)

Richard Fowlkes (Ctr)

Craig DeBrunner (Ctr)

Ken Braswell (Ctr)

Russell Spruill (Ctr)

George LaBeau (Ctr)

John Grismer (Ctr)

Derek McCord

## INTEL

1Lt Rachel Dolby



# UPCOMING ACQUISITIONS



**KEY**

- Full and Open
- TSA IV
- Undecided

Feb 26 – C-130H ATS  
– Aug 26

Aug 25 - KC-46 ATS -  
Aug 26 (TBD)

Jul 24 – C-5 MTS/ATS  
– May 25

Apr 24 – C-17 TS  
– Oct 24





# C-5 TRAINING SYSTEM

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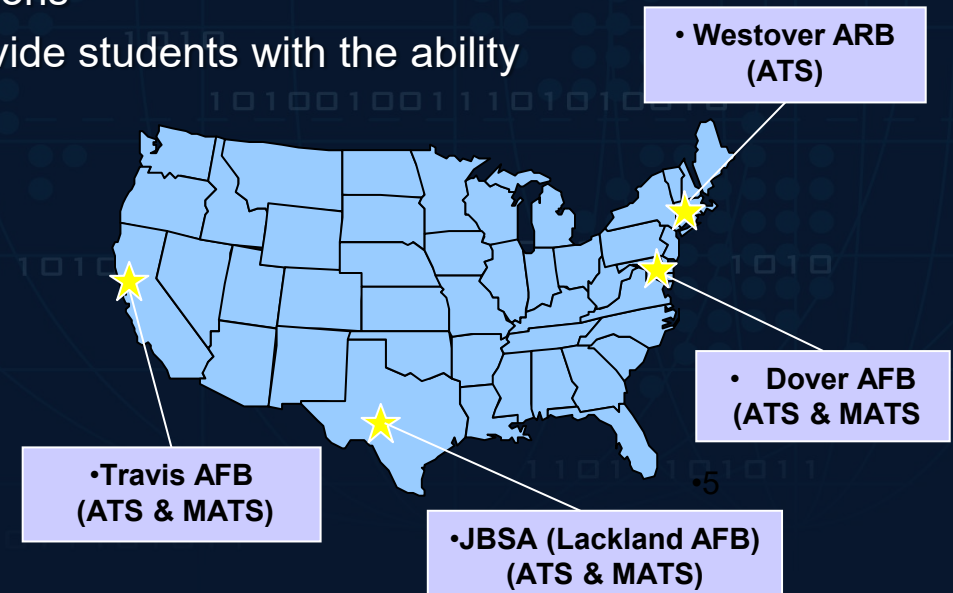


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- The C-5 Aircrew Training System consists of 7 Weapon System Trainers at 4 locations and 2 cargo loading systems trainers at JBSA (Lackland)
- The C-5 Maintenance and Aircrew Training System Consists of 34 Maintenance Training Devices (MTDs) and 1 Aerial Refueling Part-Task Trainers (ARPTT) at JBSA (Lackland AFB)
  - The C-5 WST and ARPTT provide initial qualification, upgrade and continuation training for C-5 pilots, loadmasters, and flight engineers in all phases of C-5 operations
  - The C-5 MTDs are Trainer Field Equipment (TFE) which provide students with the ability to become proficient in the maintenance of the aircraft
- Using Organization(s) AMC, AETC, USAFE, PACAF, AFRC
- Requirements
  - ATS on-site: 98% availability  
Guaranteed Student Graduation
  - MTD on-site: 98% availability





# C-5 AIRCREW TRAINING SYSTEM PROPOSED SCHEDULE FOR FOLLOW-ON EFFORT



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- Acquisition Planning Start: 01 Nov 23
- First Industry Day: 28 Nov 23 at I/ITSEC
- Next Industry Day: 8-9 May 24 at Lackland
- RFP Release: Jul 24
- Award: Apr 25



**Current Contractor:**

Company: ATS--CymSTAR Limited Liability Company (LLC) MATS—CTE-JV

Contract Number: FA8621-15-D-6257; FA8621-15-D-6256

Period of Performance: Nov 17 – Oct 25, May 21 – Oct 25

**Original Developer:**

Company: WSTs—CAE; ARPTT—Reflectone; MTDs—Lockheed-Martin

Date(s) Delivered: WSTS--1988, 1999; ARPTT—1989; MTDs—1969-71; 2010-12

**Proposed Acquisition Strategy for Follow-On Effort**

TSA IV

- Firm Fixed Price and Cost Reimbursable CLINs
- Period of performance: Base plus seven options; Start 1 Sept 25 – 31 Dec 33

**Points of Contact**

**Program Manager** : Ms. Jaime Smith, AFLCMC/WNS

**Contracting Officer:** Mr. Andre White, AFLCMC/WNSK

**User:** Mr. Charles D Crouse, HQ AMC/A3TA; MSgt Jordan E. Jensen, HQ AMC/A4M

# C-5 TRAINING SYSTEMS OVERALL REQUIREMENTS

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Program	H/W Buy	CLS	TSSC	Mods	Courseware Development	Instruction
C-5	X	X	X	X	X	X



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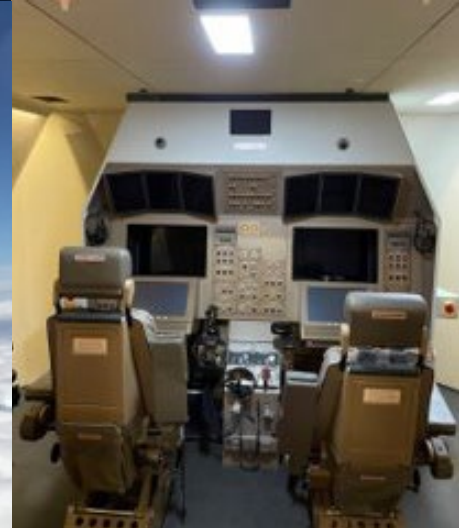
Program	PM	Contracts	End User (ATS)	End User (MTS)
<b>C-5</b>	<b>Ms. Jaime Smith</b>	<b>Mr. Andre White</b>	<b>Mr. Charles Crouse</b>	<b>MSgt Jordan Jensen</b>
Office	AFLCMC/WNS	AFLCMC/WNSK	HQ AMC/A3TA	HQ/AMC/A4MM
Email	jaime.smith.13@us.af.mil	andre.white.7@us.af.mil	charles.crouse.5@us.af.mil	jordan.jensen.1@us.af.mil





QUESTIONS?

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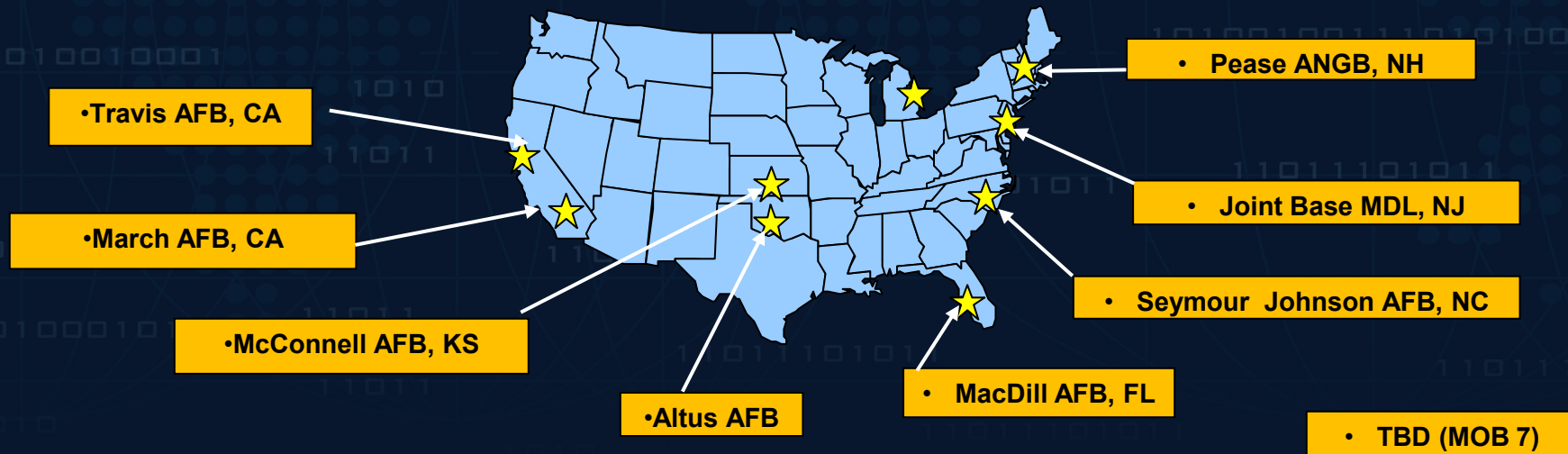
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- The KC-46 Aircrew Training System (ATS) program supports 10 sites (5 current, 4 future, and 1 notional) and 18 primary Weapon System Trainers, 15 Boom Operator Trainers, 8 Fuselage Trainers, 18 Part task trainers and computer-based Learning Management Systems training devices used to train aircrew members on the operations of the KC-46 at multiple bases.
- Lead Command: AMC, using organizations AETC
- Requirements: Aircrew instruction and training/ Student throughput, Contractor Logistics Support, TSSC, and modifications (sustainment and concurrency), visual database engineering support, cybersecurity, software integration, courseware development





- Acquisition Planning Start: 01 Nov 23
- First Industry Day: RFI released on SAM.Gov Mar 24
- Next Industry Day: TBD
- RFP Release: Aug 25
- Award: FY 26

**Current Contractor:**

Company: FlightSafety International- Defense (FSI-D)

Contract Number: FA8621-13-C-6247

Period of Performance: 1 May 2013 – 31 Dec 2026

**Proposed Acquisition Strategy for Follow-On Effort**

- Contract Type: TBD

- Period of performance: Base Aug 2026 – Jul 2033; seven 1-year options

**Points of Contact**

**Program Manager** : Ms. Erin Craig, AFLCMC/WNS

**Contracting Officer**: Ms. Dasia Johnson, AFLCMC/WNS

**User**: Mr. Ed Breen, AMC/A3TK; Mr. Rick Dorsey, AMC/A3TR

# KC-46 ATS OVERALL REQUIREMENTS

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Program	H/W Buy	CLS	TSSC	Mods	Courseware Development	Instruction
KC-46 ATS	X	X	X	X	X	X





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Program	PM	Contracts	End User
KC-46 ATS	Ms. Erin Craig	Ms. Dasia Johnson	Mr. Ed Breen
Office	AFLCMC/WNS	AFLCMC/WNS	AMC/A3TK
Email	erin.craig@us.af.mil	dasia.johnson@us.af.mil	edward.breen@us.af.mil



QUESTIONS?



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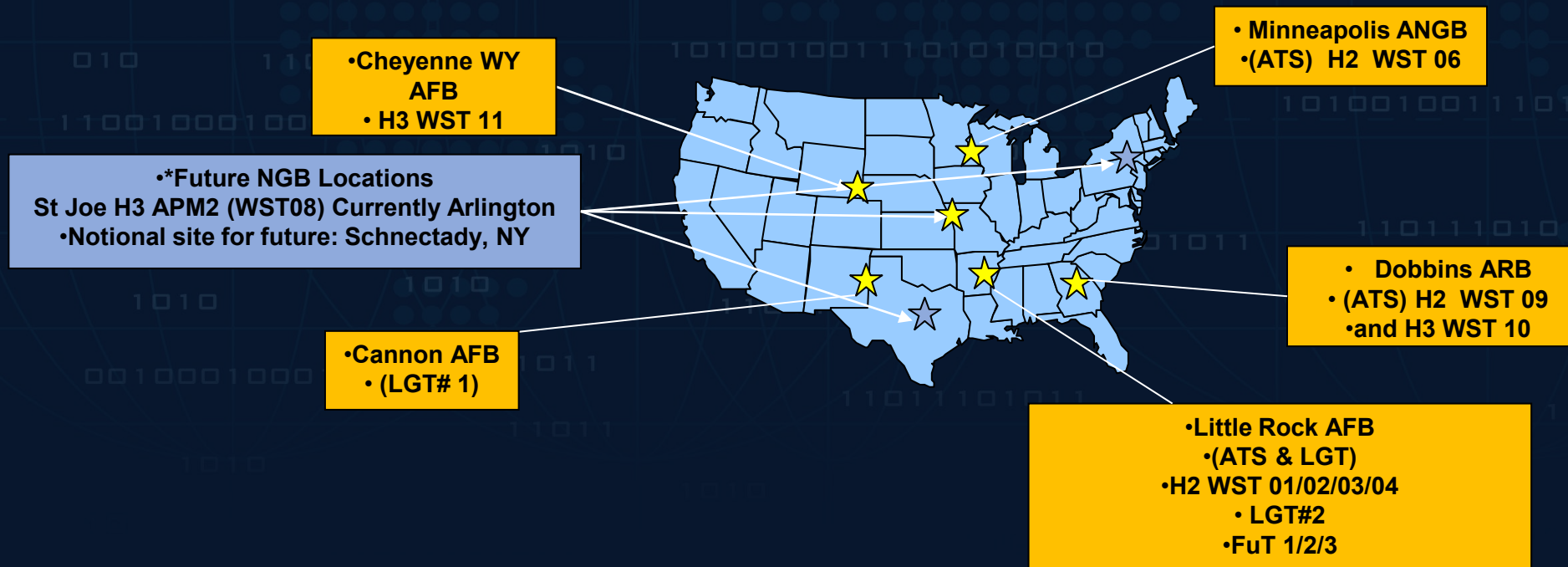
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- The C-130 Training System (TS) program supports 7 sites (5 current, 1 future, and 1 notional) and 9 primary Weapon System Trainers, a learning center and a technical support system center (TSSC). The 2 C-130 Landing Gear Trainers (LGT) are a two-part training device used to train aircraft maintainers on the operations of the C-130H landing gear at Little Rock AFB and Cannon AFB.
- Lead Command: AMC, using organizations ANG, AFRC, and AETC
- Requirements: Aircrew instruction and training/100% Guaranteed Student throughput, Contractor Logistics Support, TSSC, and modifications (sustainment and concurrency)



# C-130H FUTURE FOOTPRINT



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	CY24	CY25	CY26	CY27	CY28	C29	CY30	
<u>Contract</u>	Current Contract ends August 2026			▲	Award new contact (Best Value)			
<u>WSTs</u>								
H2 Configuration	7 H2 WSTs			5 H2 AMP2 WSTs				
H3 Configuration	2 H3 WSTs			4 H3 AMP2 WSTs				
AMP Increment 1 EMD/Production Mods	3 WSTs complete (1,6,8)			6 WSTs (2,3,4,9,10, 11)				
AMP Increment 2 (ATS Contract)	Differences courseware/ Contractor Instructor certification/Program Integration			Formal Qual course/Refresher Training				
AMP Increment 2 Modification of WSTs (L3 contract)	3 WSTs complete (1,6,8)			6 WSTs (2,3,4,9,10, 11)				
Obsolescence on going mods/ Future Obsolescence on going mods	EPCS, Visual Fleet, Propulsion COA 2, Cybersecurity/ Win 10		FuT Integration and Electric Motion and SNSs		Next Generation Threat System, LAIRCM, Defensive Systems (ALR69, ALE47), Win 11 upgrade, DMO (5 locations), SCARS, Virtual Reality/Augmented Reality Loadmaster Training, Tactical Data Link, Hydraulic Motion System Upgrade			





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**Current Contractor:**

Company: CAE

Contract Number: FA8223-11-C-0001

Period of Performance: Aug 19 – Aug 26, Basic, Seven one year options – Current is Jan 24 to Dec 24. Last option ends 28 Aug 26 (provision for 6-month extension with approval)

**Original Developer:**

Company: WSTs—Link (Legacy), Hughes (Dobbins)

Date(s) Delivered: WSTs— early 1980s, 1998, 2013, 2023

**Proposed Acquisition Strategy for Follow-On Effort (Notional)**

- TSA IV, Competitive/Best Value
- Firm Fixed Price and Cost Reimbursable CLINs
- Period of performance: Basic plus 8 option years
- Base plus option years; Start Aug 26 – Dec 34

**Points of Contact**

**Program Manager :** Mr. Steve Grotjan , AFLCMC/WNSM

**Contracting Officer:** Mr. Mike Huffman, AFLCMC/WNSK

**User:** Mr. Scott Hudson, Mr. Jim Westhead, HQ AMC/A3T





- Acquisition Planning Start: Winter 2024
  - First Industry Day: Spring 2025
  - RFP Release: Sept 2025
  - Award: Aug 2026
- 
- Industry will obtain updates from the program office via TSA IV or SAM.gov

# C-130H AIRCREW TRAINING SYSTEMS OVERALL REQUIREMENTS



*The Home of Concurrent, Affordable Training*

Program	H/W Buy	CLS	TSSC	Mods	Courseware Development	Instruction
C-130H	X	X	X	X	X	X



*The Home of Concurrent, Affordable Training*

Program	PM	Contracts	End User
<b>C-130</b>	<b>Mr. Steve Grotjan</b>	<b>Mr. Mike Huffman</b>	<b>Mr. Scott Hudson</b>
Office	AFLCMC/WNSM	AFLCMC/WNSK	HQ AMC/A3TA
Email	Steve.grotjan@us.af.mil	james.huffman.10@us.af.mil	Scott.hudson@us.af.mil





QUESTIONS?



# **SPECIAL OPERATIONS FORCES (SOF) / AIR EDUCATION TRAINING COMMAND (AETC) BRANCH**

Lt Col Joshua Trantham  
AFLCMC/WNSS  
Joshuah.Trantham@us.af.mil  
24 April 2024

Disclaimer: The information provided herein represents the Government's best understanding of the procurement as of the presentation date. This information should be considered preliminary and subject to change.

# UPCOMING ACQUISITIONS



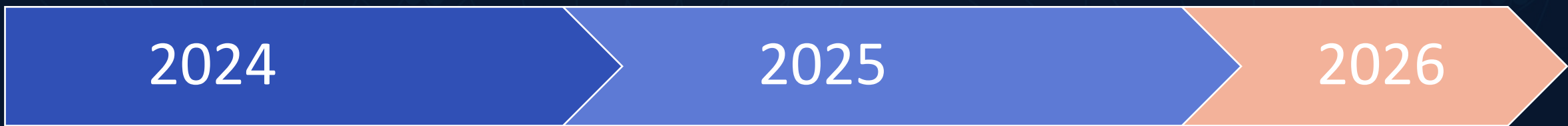
**KEY**

- Full and Open
- TSA IV
- Undecided

HH-60W C&I + CLS ???

MH-139A C&I + CLS ???

Dec 24 - AFSOC ACTS Follow-on – Oct 25







# AFSOC ACTS

Mr. Stan Cadell  
Program Manager

AFLCMC/WNS  
stanley.cadell.1@us.af.mil  
24 April 2024

Disclaimer: The information provided herein represents the Government's best understanding of the procurement as of the presentation date. This information should be considered preliminary and subject to change.



- **Training Device Maintenance & Logistics Support**
- **Program Management**
- **Engineering & Concurrency Modifications**
- **Configuration Management**
- **Distributed Mission Rehearsal & Operations**
- **Database Generation**
- **Obsolescence Tracking**
- **Cyber Security ATOs/AfUs**
- **Mission Planning**

## **Mission Design Series**

**AC-130J**  
**HC-130J**  
**MC-130J**  
**CV-22**  
**C-146**





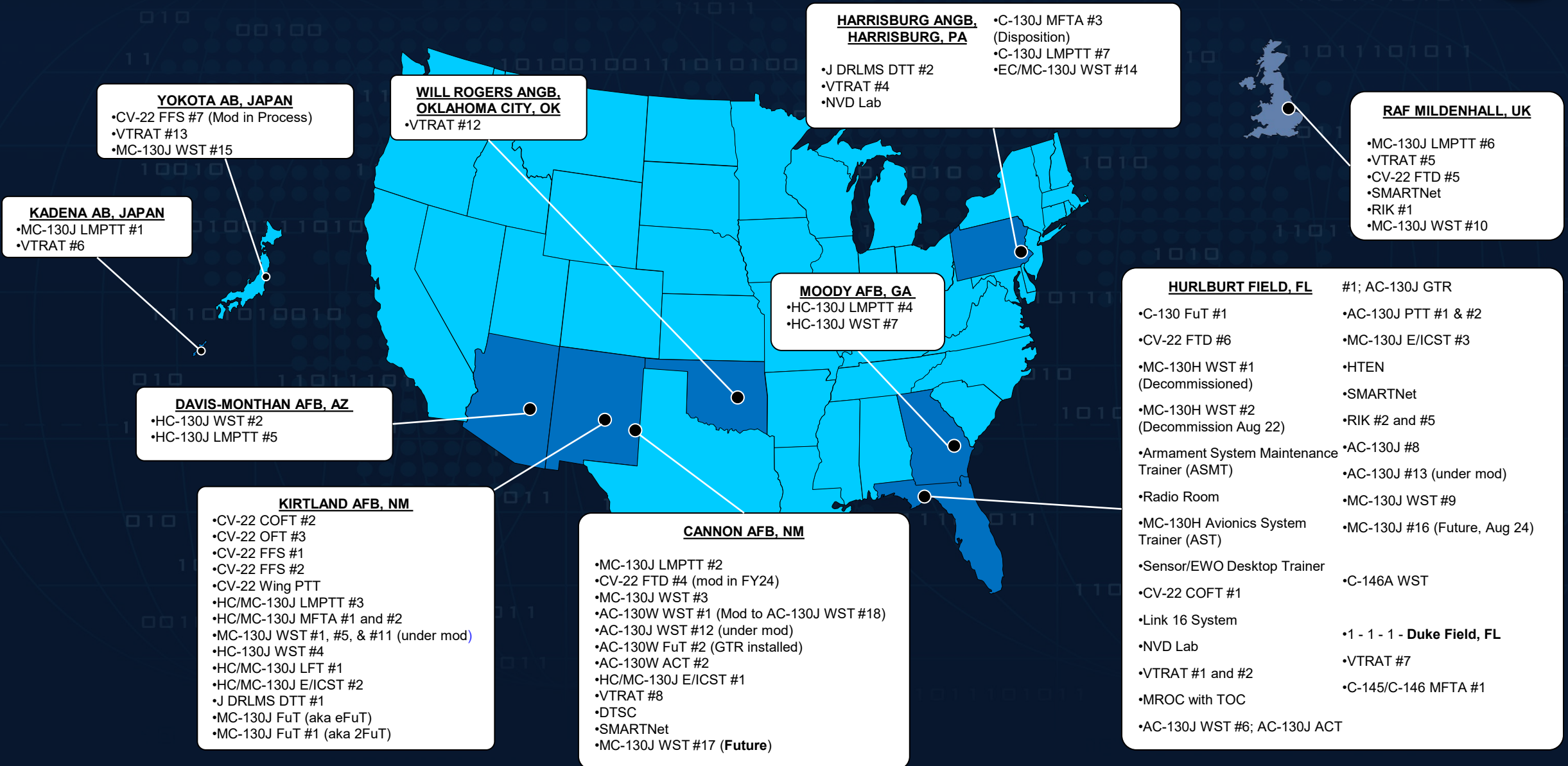
## OVERVIEW:

- 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.

## KEY OBJECTIVES INCLUDE:

- Training System Support Center (TSSC) – Engineering, Configuration Management, Quality Assurance, Design Change Reviews, minor mods
- Obsolescence – Diminishing Manufacturing Sources and Material Shortages
- Contractor Logistics Support (CLS) – operational mx, supply, & engineer support
- Cybersecurity – security for all aspects of simulators to include ATOs
- DMO – major increase in utilization of DMO capability
- ECPs – Baseline changes outside of TSSC Scope







- **Solicitation**
  - Solicitation (Dec 24)
- **Proposal**
  - Proposal Receipt (Jan 25)
- **Contract Award**
  - Contract Award (Oct 25)
  - Contract PoP (Begins Feb 26)

\* Schedules are TENTATIVE & Subject to Change

# POINTS OF CONTACT



Program	PM	Contracts	End User	End User
<b>AFSOC ACTS</b>	<b>Mr. Stan Cadell</b>	<b>Mr. John Lindsay</b>	<b>Mr. James McNulty (AFSOC)</b>	<b>David Borowski (ACC)</b>
Office	AFLCMC/WNS	AFLCMC/WNS	AFSOC/A3T	ACC/A5R
Email	stanley.cadell.1@us.af.mil	john.lindsay.2@us.af.mil	james.mcnulty.6@us.af.mil	david.borowski.3@us.af.mil





QUESTIONS?



# OPERATIONAL TRAINING AND INFRASTRUCTURE

Lt Col Andrew Frazier  
AFLCMC/WNSO  
lonio.andrus@us.af.mil  
24 April 2024

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**AFLCMC/WNSO**  
**Chief: Lt Col Drew Frazier**

**Admin**  
**Eric Watts**

**Distributed Training Systems**

**Chief: Vacant**

- CAF DMO:**
  - David Henz
  - Lt Kevin LeCours
  - Estell Hardaway (Ctr)
  - Crystal White (PAQ)
  - Kira Duncan (PAQ)
- MAF DMO:**
  - Lt Tavis AC Gibson
  - Andy Loose (Ctr)
  - Bradford Bergsten (Ctr)
- ANG OTS:**
  - Lt Lathan Spadafora

**Common Architecture & Standards**

**Chief: Scott Poznanski**

- SCARS:**
  - Capt Sean Duval
  - Nathan Bruno
  - Melissa McCullough
  - Ted Rose
  - Daniel Douglass
  - Megan Cornett
  - Tracie Williams
  - Bill Coppedge (Ctr)
  - Darrell Neace (Ctr)
  - Scott Glassner (Ctr)
  - Emily Edmiston (Ctr)

**Engineering**

- Chief: Mike Baker**
  - Rashif Brown
  - Clifton Chappell
  - Rene Cooper
  - Tien Dao
  - Jonathan Rose
  - Dale Luebking
  - William (Bill) Riggs (Ctr)
  - Todd Glovka (Ctr)
  - William (Bill) Marine (Ctr)
  - Brian McElroy (Ctr)
  - Adrian Bouldin (Ctr)
  - Tadd Backus (Ctr)
  - Tracey Smith (Ctr)
  - Kevan Harris (Ctr)
  - Kyle Buhler (Ctr)
  - Regina Sparks (Ctr)
- Chief: Dad Radick**
  - Dan Phillips
  - Adam Tobias (Ctr)
  - Paul Brand
  - Walter Puchalski
  - Lt Joe Tran

**Contracting**

- Chief: Kari Wedemeyer**
  - Steve Godby
  - Kendall Holmes
  - Steven Bowman
  - Jonathan Meese
  - 1Lt Ian Woods
  - Rocky Hogue
  - Jensine Ballweg
  - Karlie Wilson
  - Johnathon Meese
  - Alex Mitchell
  - Mark Evans
  - Anne Torian

**Configuration/Data Management**

- Chief: Michelle Mullins**
  - Keegan George
  - William Heffner
  - Kristen Randolph
  - Sarah Newlin
  - Brooke Duke (Ctr)
  - Doris Patton (Ctr)
  - Kelly Rushing (Ctr)
  - Chelsea Crisp (Ctr)

**Finance**

- Chief: Emily Zimmerman**
  - Jacquata Long
  - Lianne Schmitz
  - Gary Nanfito
  - Joseph Laughlin
  - Michael Lowery
  - Tracy Kremer

**Cost**

- Chief: Karem Woeber**
  - Cost: Daniel Griest

**Security**

- Chief: Michael Mills**
  - Special Access Programs:**
    - Mike Mills
    - Eric Schiro
    - Anthony Poole
    - Patrick Schoop (Ctr)
  - AFOSI/PJ:** Sharkey Collier Jr (Ctr)

**Logistics**

- Chief: Mike Boneli**
  - Kierra Strader
  - Bruce Hegner
  - Greg Zele
  - Michael Stewart
  - Traci Olson
  - Justin Hunt (ctr)
  - Jackie Jones (ctr)
  - Jeff Green (ctr)
  - Leroy Jenkins (ctr)
  - Tim Deady (ctr)
  - Jason Blevins (Ctr)



# UPCOMING ACQUISITIONS



**KEY**

- Full and Open
- TSA IV
- Undecided

Jul 24 - ANG OTS – Mar 25



# Air National Guard Operational Training Support (ANG OTS)

Lt Lathan Spadafora  
ANG OTS Program Manager  
lathan.spadafora.1@us.af.mil

Capt Ian Woods  
ANG OTS Contracting Officer  
ian.woods.2@us.af.mil









Main customer is the Air National Guard (ANG) at the Distributed Training Operation Center (DTOC)

Location: Des Moines, IA

Provide DMO Operations Support for Mission Planning, Manned-Constructive White Force, Technology Support, Scheduling, and Establish & Maintain Secure Accredited Networks for daily DMO

Supported MAJCOMS: ANG, AFRC, AFSOC, ACC, AMC, AETC, AFGSC, Coalition

- Undecided: Exploring TSA IV/FAR Part 15 Full and Open Competition
- Contract Type – FFP, CR
- Estimated RFP/FOPR Release: May 24
- Estimated Contract Award: Jan 25
- Period of Performance: 3-month transition with 1 base year and 9 one-year options
  - PoP Start: 1 May 25 – 30 Apr 35
- Transition Period: 1 Feb 25 – 30 Apr 25



*The Home of Concurrent, Affordable Training*

Program	H/W Buy	CLS	TSSC	Mods	Courseware Development	Instruction
ANG OTS	X	X		X		X





Program	PM	Contracts	End User
ANG OTS	2 <sup>nd</sup> Lt Lathan Spadafora	Capt Ian Woods	Mr. Shawn "Lycos" Wolfe (ANG)
Office	AFLCMC/WNS	AFLCMC/WNS	DTOC/DTOC
Email	Lathan.spadafora.1@us.af.mil	Ian.woods.2@us.af.mil	Shawn.wolfe.5@us.af.mil



QUESTIONS?

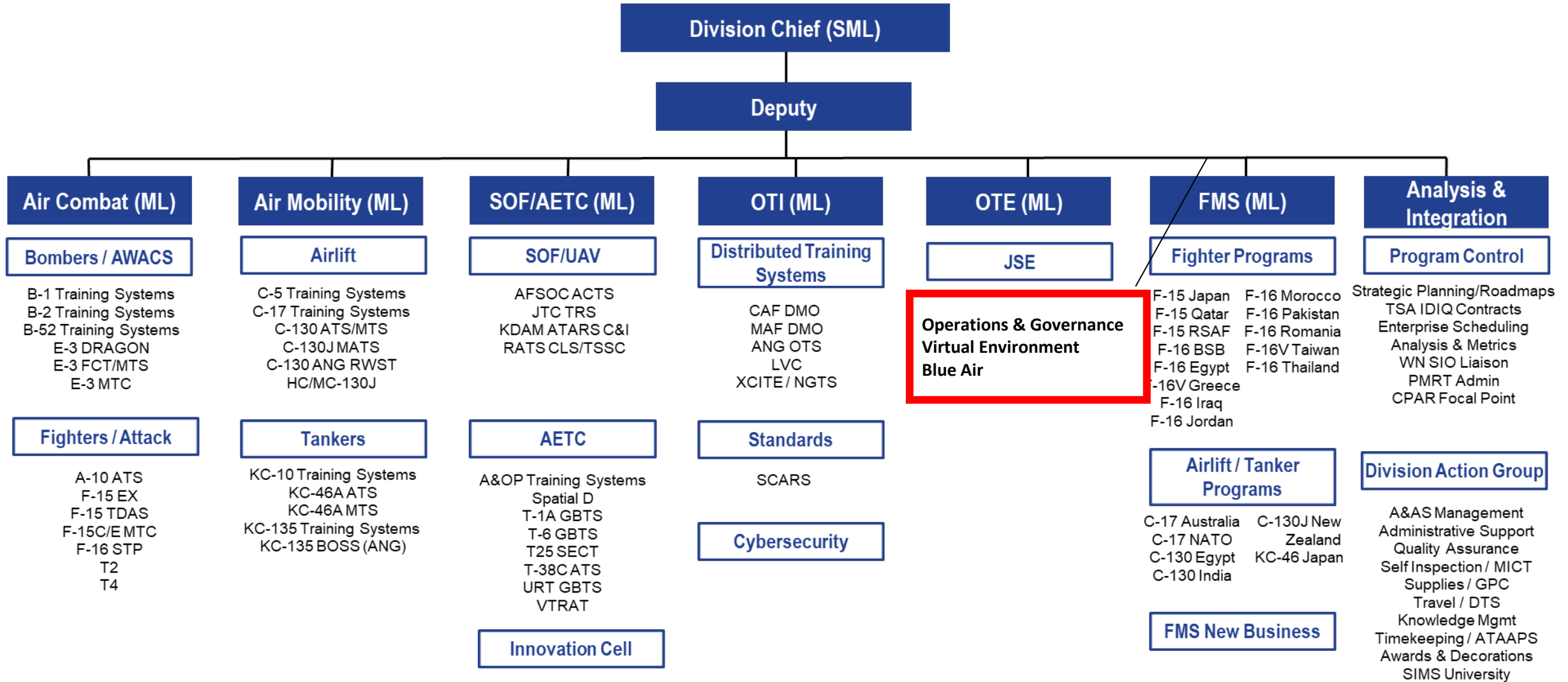


# OPERATIONAL TRAINING ENVIRONMENT

Lt Col John Kovacic  
AFLCMC/WNSJ  
937-656-6439 | [John.kovacic@us.af.mil](mailto:John.kovacic@us.af.mil)  
24 April 2024

Disclaimer: The information provided herein represents the Government's best understanding of the procurement as of the presentation date. This information should be considered preliminary and subject to change.







## PLATFORM MISSION EFFECTIVENESS

- Full Fifth Gen+ assessments not possible on open air ranges. Requires realistic, high density threat environment and high fidelity platform representation

## INTEGRATED WARFIGHTING CAPABILITY

- Impossible to scale few vs few live tests to accurately assess theater-wide, multi-platform capabilities

## AFFORDABILITY

- Modern system-of-systems capability complexity makes open air testing prohibitively expensive

## READINESS

- Realistic environments for high end, multi-platform tactics training are severely limited

**JSE ENABLES FIFTH GEN+ OPERATIONAL TEST AND HIGH END TACTICS TRAINING IN THE WORLD'S HIGHEST FIDELITY, HIGHEST DENSITY THREAT ENVIRONMENT**



**2016:** • JSE initiated to develop Modeling and Simulation (M&S) enterprise for the USAF and USN, initially focused on test for F-35

**Feb 2022:** • Under the auspices of the Operational Test and Training Infrastructure (OTTI) Senior Advisory Group, Maj Gen Corcoran aligns A3 and A8 to broaden scope of current JSE development to include training for 5<sup>th</sup> & 6<sup>th</sup> gen platforms

**Apr 2022:** • VCSAF directs consolidation of activities & resources toward OTTI that synchronizes across development, test, and training & directs SAF/AQ to determine new program management/acquisition approach for JSE

**May-Jun 2022:** • Cross-functional team from AFLCMC, AFTC, and CMSO develops future JSE PMO approaches and coordinates with Senior Executives from SAF/AQR, AFLCMC, AFTC, and CMSO

**Dec 2022:** • JSE PEO assigned; Program office identified as AFLCMC/WNS

**Mar 2023:** • CSAF Signs Capability Development Guidance Memorandum directing New platforms to be compatible with JSE for Test and Training

**Mar 2024:** • SAF/AQ Approves JSE's entry into Software Acquisition Pathway (SWP) Planning Phase



# UPCOMING ACQUISITIONS



KEY	Full and Open
	DLA
	Undecided

JIAB Hardware

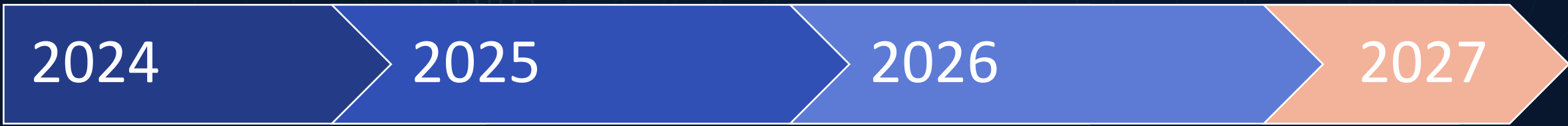
JSE Battlespace Environment Hardware

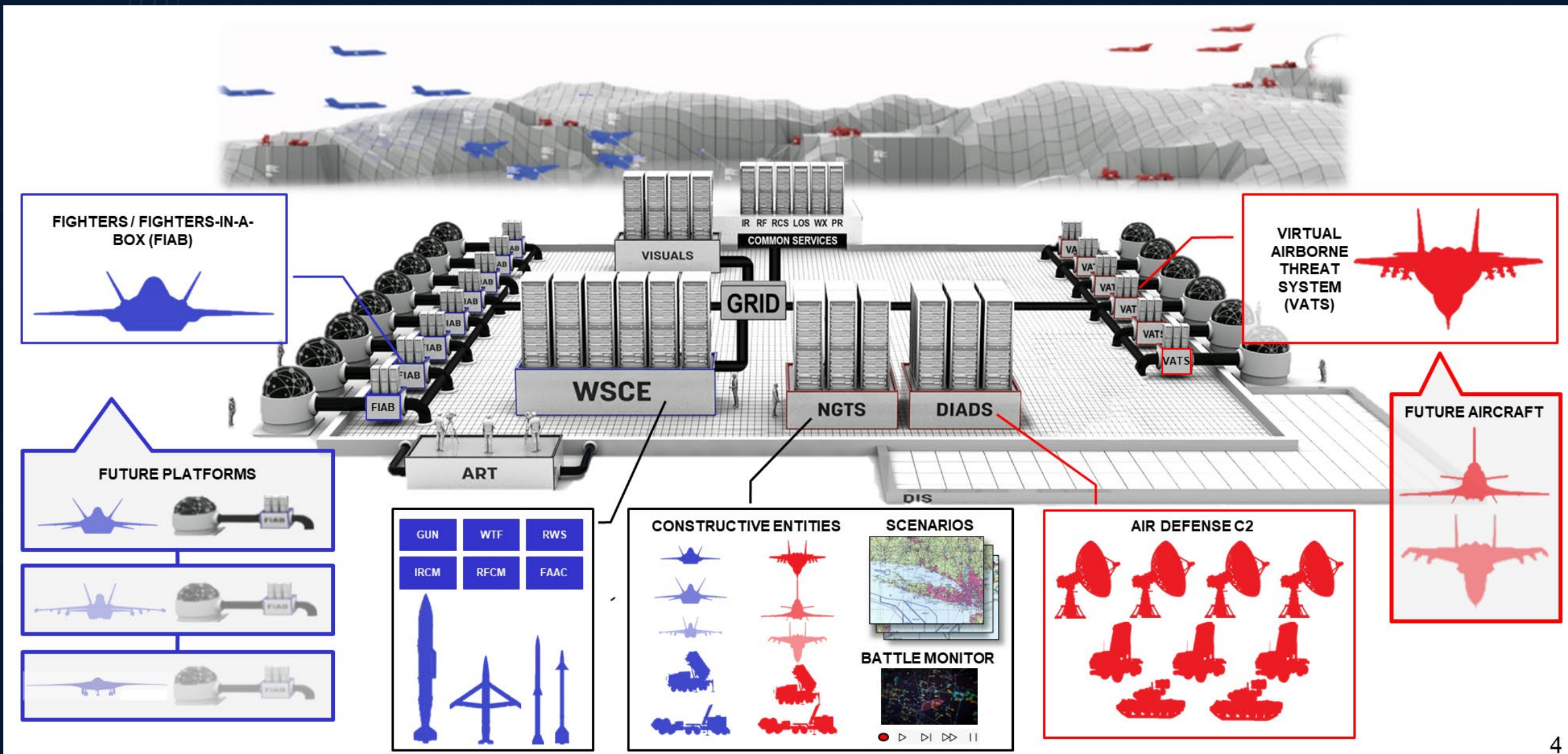
JSE Battlespace Environment Design & Integration

JSE Enterprise Sustainment

JSE Enterprise Operations

Environment Capabilities Enhancements







## 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

## 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

## 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

## 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

## 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 / SWEGs

## 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

## NGTS: Next Generation Threat System

Synthetic environment generator, models hundreds of threat and friendly constructs. Hosts high fidelity MSIC and NASIC models

- WNS: Provides Systems Engineering
- Funding Source: 50/50 USAF/USN
- Integrator: NAWCAD / 445 TS / 31 CTS

## VATS: Virtual Air Threats

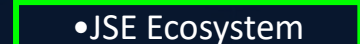
Authoritative Piloted Air Threat using NASIC TMAP models

- WNS: Provides Systems Engineering
- Funding Source: 50/50
- Integrator: XA

## HSI: Human Systems Interface

Domes, visual systems, cockpits, etc.

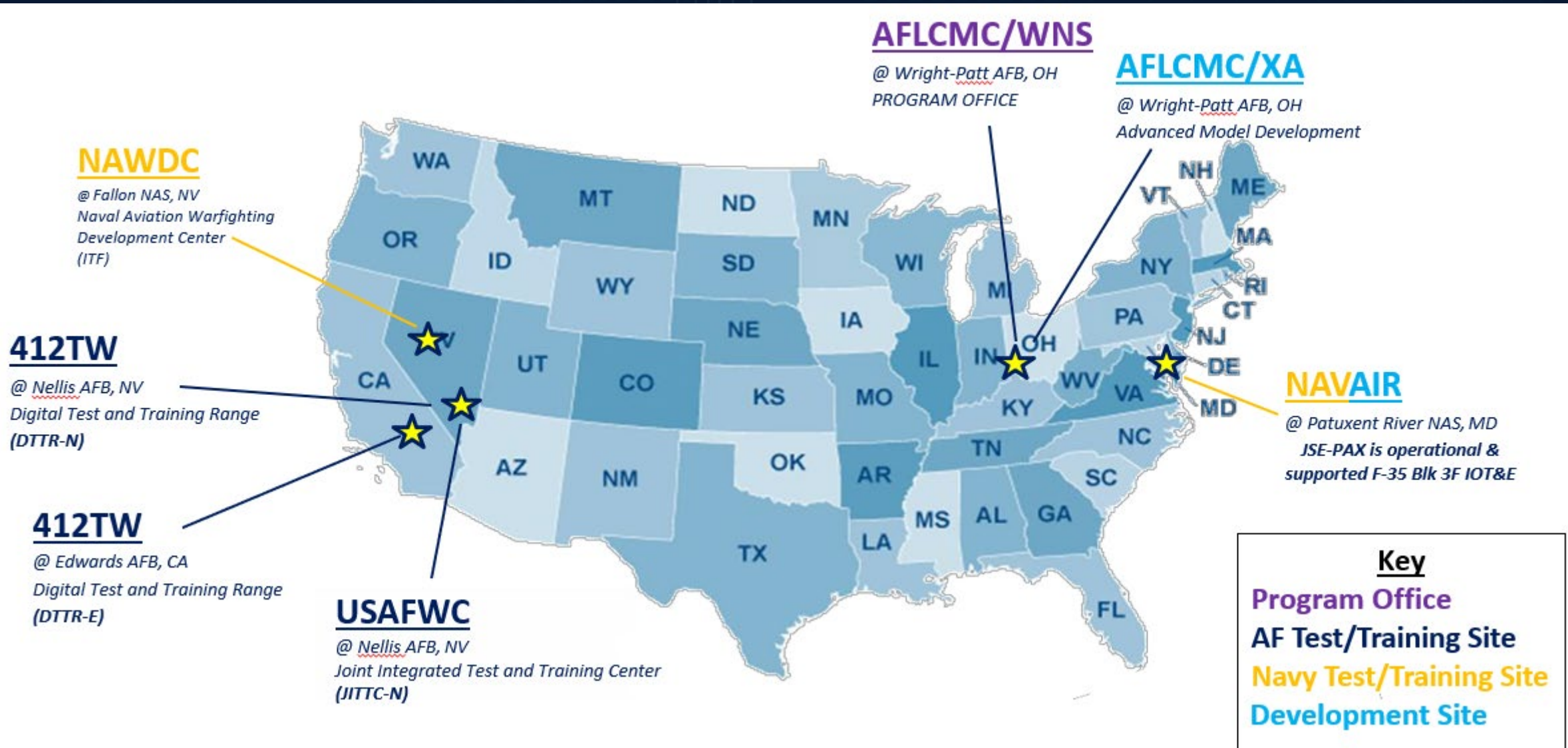
- WNS: Manages fielding & sustainment
- Funding Source:
  - DTTRs: Platform SPOs
  - JITTCs: WNS
- Integrator: WNS / 445<sup>TS</sup> / 31 CTS / SWEGs







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## HD Model Development

- Must fund development of “High Definition” platform, sensor, weapons models
- Industry partners must develop and deliver current models with urgency
- Human-machine interfaces are critically important!



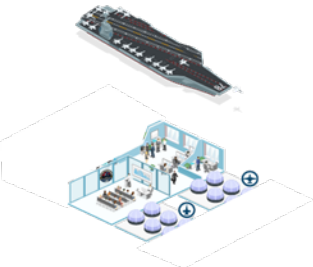
## JSE Integration

- Models are delivered and integrated at USG development and integration labs
- Performance verification, regression testing, and incorporation of new capabilities into the “production baseline”



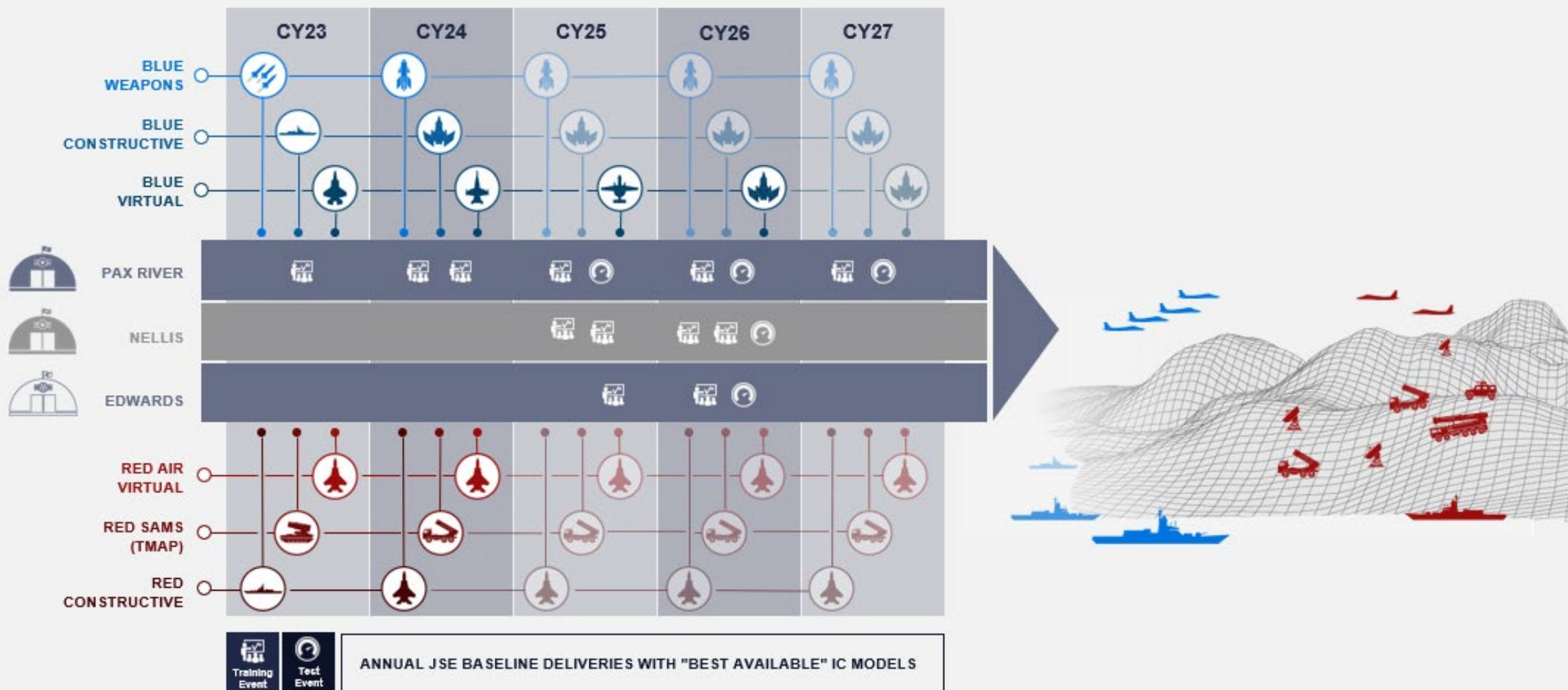
## JSE Site Integration

- Hardware/software must be acquired for insertion at JSE Sites
- Training and Test requirements drive development priorities



## Deployed & MDS-specific Training

- Solutions must be “packaged” for MDS-specific training requirements
- Facilities must be identified to bring robust training capabilities closer to the warfighter
- How do we preserve performance fidelity, to include the human-machine interface?







- 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
- JSE working with Armaments Directorate to obtain hi-fidelity weapon models going forward

# POINTS OF CONTACT



Col C. Matt Ryan (SML): [charles.ryan.1@us.af.mil](mailto:charles.ryan.1@us.af.mil)

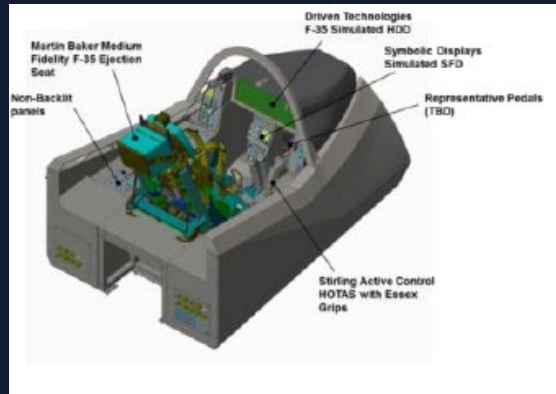
Lt Col John Kovacic (ML): [john.kovacic@us.af.mil](mailto:john.kovacic@us.af.mil)

Mr. Johnny Clark (deputy Branch Chief): [johnny.clark.1@us.af.mil](mailto:johnny.clark.1@us.af.mil)

# PLATFORM-IN-A-BOX (PIAB)



## Crewstation



- HDD/PCD
- HOTAS
- SoF Display
- Pedals/Helmet/Seat

## Display Systems

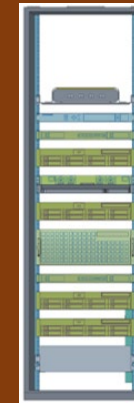


- Dome/Displays
- Image Generator
- Projectors
- HUD

### • PIAB

- Platform OFP

## Airframe Rack



- Airframe
- Aurals
- Video Encoding
- Mission Systems
- Image Generator
- OTW Video Blending
- Mission Systems

## HOW TO GET GRID?



Naval Air Warfare Center Aircraft Division (NAWCAD) is the **creator** and **owner** of GRID and NGTS. Access is based on 2 requirements:

### 1. Legitimate Need

End use for DoD test & training

A contract with the DoD for purposes that would require the sharing of the software

End User License Agreement

~~An established Cooperative Research And Development Agreement (CRADA) with NAWCAD~~

### 2. A completed agreement

End User License Agreement

An established Cooperative Research And Development Agreement (CRADA) with NAWCAD



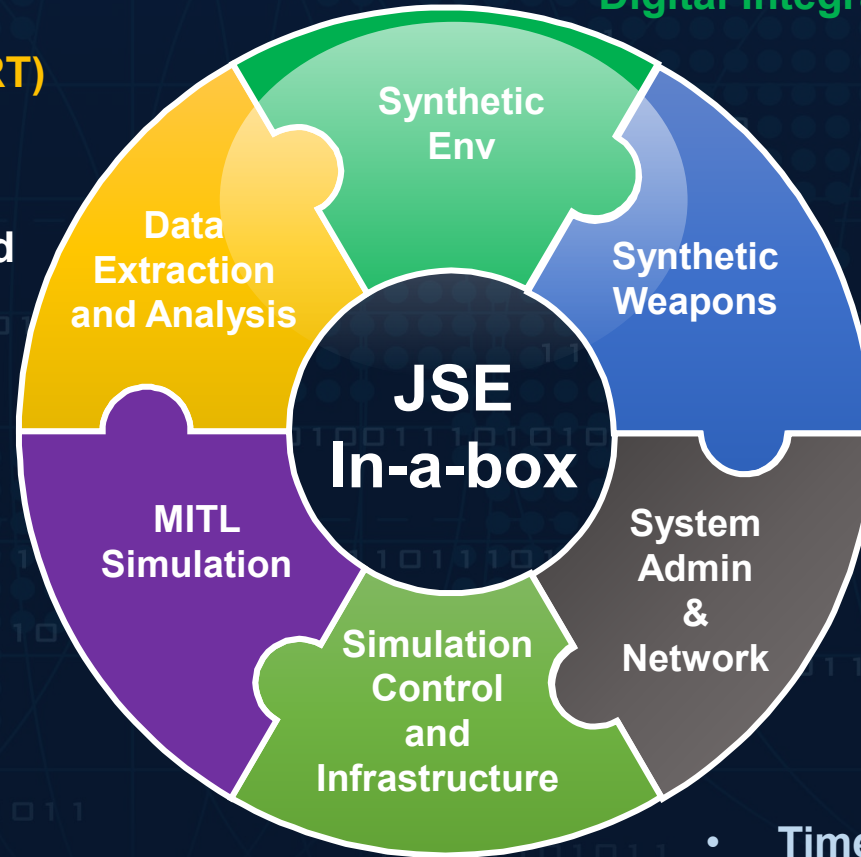
# JOINT SIMULATION ENVIRONMENT (JSE) -IN-A-BOX (JIAB)

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The JSE-IAB encapsulates the superset of JSE capability

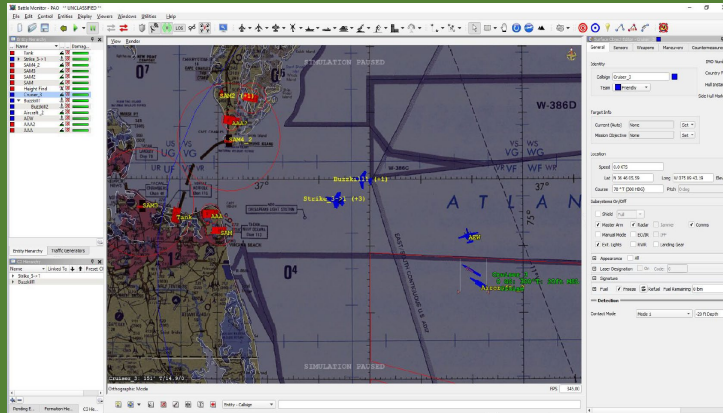
- **Playback and Recording Tool**
- **Analysis and Reporting Tool (A&RT)**
- **Extensible Architecture for the Analysis and Generation of Linked Simulations (EAAGLES) Framework (Air Threats and EBS)**
- **Global Reusable Interface Domain (GRID) services:**
  - **Line of Sight**
  - **Radio Frequency**
  - **Infrared**
  - **Natural Environment,**
  - **Pr**
- **ASTi Audio Cueing and Intercom System**
- **Architecture Management Integration Environment (AMIE)**



- **Next-Gen Threat Simulation (NGTS)**
- **Digital Integrated Air Defense Systems (DIADS)**

- **Weapon Server Common Environment (WSCE) App**
- **EAAGLES Red Weapons**
- **System Administration and Networking (DAR/IA tools, network hardware)**
- **Time Server**
- **Simulation Control Executive (SCE) App**
- **Engineering Operators Station (EOS) App**

## •NGTS



- Scenario Generation
- Mission Planning
- Threat and friendly B-PMM
- SAM TMAP FC/Seeker/Flyout

## •SimControl

- SimControl Exec (SCE)
- Eng Operators Station
- Aural Infrastructure

## •DIADS

### •Digital Integrated Air Defense System (412 EWG)

- Validated C<sup>2</sup> Models
- Flexible Mission Development
- Multiple Scenario Databases
- Extensive Red/Blue Libraries
- Standard Interfaces

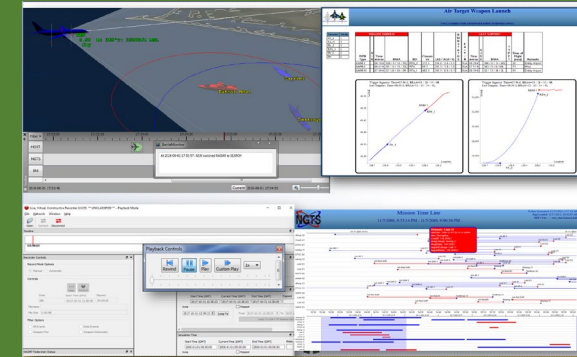
## •Admin

- Network Administration
- External Connectivity
- Accreditation
- Command and Control Features

## •GRID & Gridling

- Physics based interactions and propagation libraries
- 1x Capable (1,500 entities)

## •Analysis

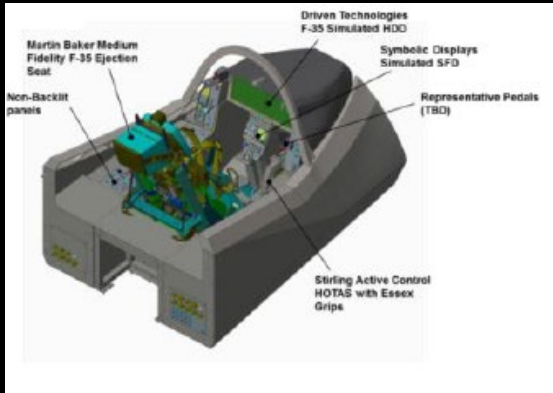


- Live and post analysis
- Playback and Record
- Analysis and Reporting Toolset
- Baseline GAANT
- Shot Card
- Event Table
- Scenario Debrief Tool

## •Weapons Server

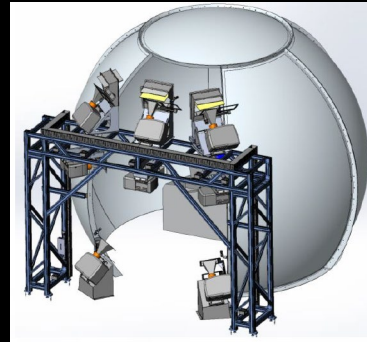
- Blue Weapons

## Crewstation



- HDD/PCD
- HOTAS
- SoF Display
- Pedals/Helmet/Seat

## Display Systems



- Dome/Displays
- Image Generator
- Projectors
- HUD

### • MITL or VATS

- Red (or blue) simulators

### • PIAB

- Platform OFP

## Airframe Rack



- Airframe
- Aural
- Video Encoding
- Mission Systems
- Image Generator
- OTW Video Blending
- Mission Systems





QUESTIONS?