



Air Combat Simulators

Mr. Stefan Craw
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3 May 2023

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: Stefan Crow

Dep Branch Chief
Michael Hayes

Fighter/Attack- PM
Chief: Maj Anthony Maxie

A-10 ATS: Felix Castro
F-15 MTC: Aaron "Splash" Hart
 Richard "Travis" Beeson
 Mason Rohr (PAQ)
F-15 TDAS: David Farrell
F-15 TS : Martin Kalfas
 Teresa Mann (Ctr)
F-16 STP:
 Lindsay Babish
 Julie Noland (Ctr)

Bomber/Special Mission- PM
Chief: Vacant

B-1 TS: Matthew Long
B-2 TS: Vacant
B-52 TS: James Salyer
 Brian Karraker
 Ricky Robinson (Ctr)
E-3 DRAGON FCTS:
 Capt William Sousa
 Lynda Avey (Ctr)
E-3 MTC:
 Elizabeth Quinter
 Lynda Avey (Ctr)
E-3 FCT/MTS :
 Elizabeth Quinter
 Lynda Avey (Ctr)
E-4B: Elizabeth Quinter

Functional Support

PK

Chief: Abby Hoefler
Fighter Section: Eric Johnson
F-16: Jason Brown
 Alexander Spatz
 Lisa Timmer
F-15 TS: Jenah Hernek
F-15 MTC: Justin Bowling
 Ryan Stone
 Haley McCabe
F-15 TDAS: Justin Bowling
 Anastashia Zamarron
Attack Section: Diane Chen
A-10: Julianne Payne
 Nicholas Kimmey
E-3 DRAGON: Jeremy Wal
 Capt Duncan Bowman
Bomber Section: David Zeller
B-1: Curtis Carson
 Shawn Landis
B-2: Taylor Wilson
 Patrick Brangers
 Alex Blaschak
B-52: Curtis Carson
 Robert Strong

Functional Support

EN

Chief: Susan Schemmel
 Donna Murray-Hill
 Kelvin McKinney
 Jillian Price
 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: Djauna Prewitt
 Jonathan Adams
 Anthony Cassidy
 Michael Noss
 Bryon Meacham (Ctr)

CONFIG/DATA MANAGEMENT

Chief: Donna Whitt
A-10 ATS: Matthew Brinson (Ctr)
B-1/B-2 TS : Jennifer Land (Ctr)
B-52: Donna Ross (Ctr)
E-3 DRAGON: Jill Lemming
E-3 FCT/MTC/MTS Sarah Newlin
E-4B: Donna Whitt
 Grant Bergman (PAQ)
F-15 MTC: Chelsea Crisp (Ctr)
F-15 TDAS: Eric Nelson (Ctr)
F-16 STP:
 Carrie Yenger-Shepherd
 Grant Bergman (PAQ)
 India Huger (Ctr)

Functional Support

FM

Chief: Eric Gilley
 Amy Smart
 Whitney Yingst
 Troy Koze
 Laura Stookey
 Misty Turner
 Cost: Austin Clack

Security

Collateral: Ken Keyes
Special Access Programs:
 Mike Mills
 Eric Schiro
 Patrick Schoop (Ctr)
AFOSI/PJ: TJ Cline (Ctr)

CYBERSECURITY

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

Test & Evaluation

Vacant

LG

Michael Baldwin
 Joyce Brown-Ballard (Ctr)
 Patricia "Sharon" Cottrill (Ctr)
 Matthew Meginnnes
 Eric Musial
 Carlos Phillips (Ctr)
 William "Bill" Vernon
 Lauren Younker

UPCOMING ACQUISITIONS

KEY	Full and Open
	TSA IV
	Undecided

Feb 26 – B1 TS – Jun 26

Aug 24 – AWACS MTS – Oct 25

Jan 24 – B-52 TS – Sep 24

Nov 23 – AWACS DRAGON – May 24



AIR COMBAT TRAINING SYSTEMS UP-COMING SOURCE SELECTION



Program	Hardware Buy	CLS	TSSC	Modifications	Courseware Development	Instruction
B-52 TS CLS/TSSC		X	X			
AWACS DRAGON FCTS		X	X	X		
AWACS MTS		X	X			
B-1 Training Systems		X				



AWACS DRAGON FCTS

Capt William Sousa
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AWACS DRAGON FCTS



The Home of Concurrent, Affordable Training

2x Full Flight Simulators (FFS)



Flight Training Device (FTD)



Training System Support Center (TSSC)



Brief/Debrief Rooms w/ Graphical Cockpit



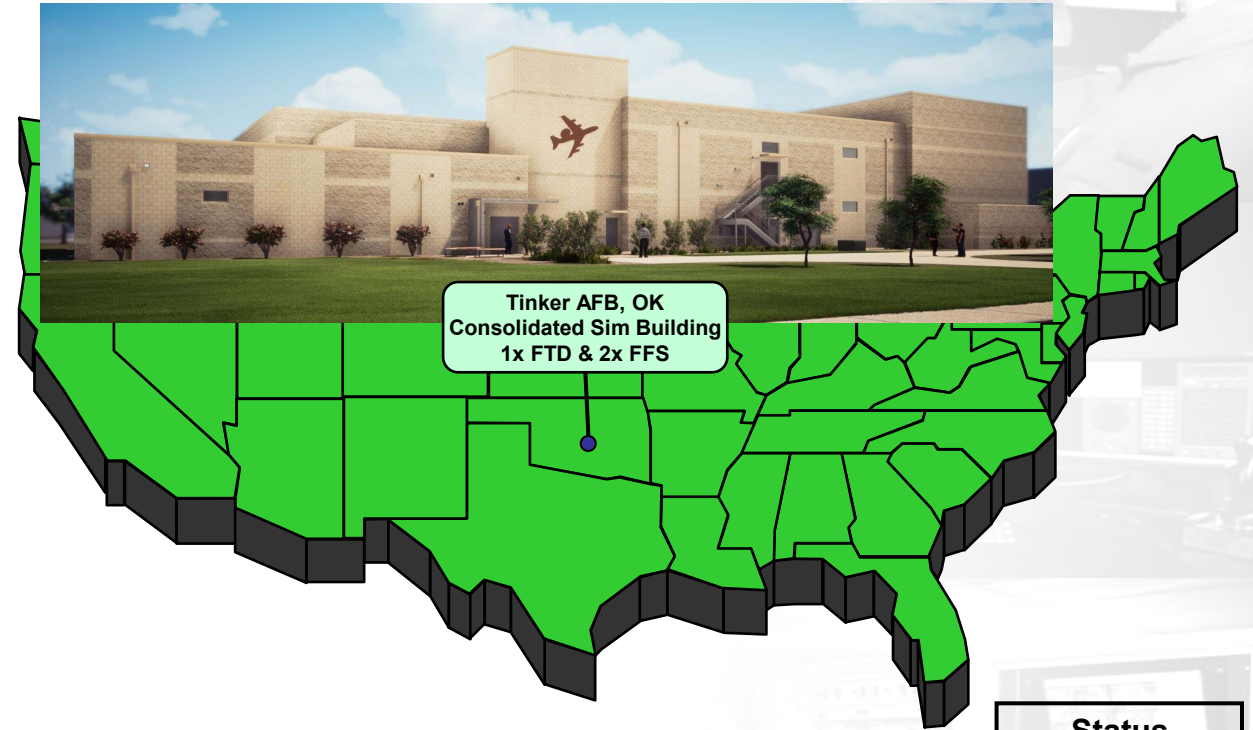
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AWACS DRAGON FCTS



The Home of Concurrent, Affordable Training

- The E-3 DRAGON program consists of 3 Flight Crew Training Systems (FCTS)
 - 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



Tinker AFB, OK
Consolidated Sim Building
1x FTD & 2x FFS

Status
Fully Mission Capable
Partial Mission Capable
Capable
Not Mission Capable

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

Site Legend
Mil/Govt
Contractor

As anticipated: 18 Jul 23

The Home of Concurrent, Affordable Training

Current Contractor:

Company: CAE USA Inc.

Contract Number: FA8621-16-C-6371

Period of Performance: 29 Jul 16 – 28 Jul 24

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 (planned): Jun 23
- RFP Release (planned): Nov 23
- Award (planned): May 24

Industry will receive updates from the program office via TSA III or IV

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
	Financial Improvement and Audit Readiness (FIAR)
	Distributed Mission Ops (DMO) [Option]

POINTS OF CONTACT

Program	PM	Contracts	End User
DRAGON	Capt William Sousa	Diane Chen	Victor Edwards
Office	AFLCMC/WNS	AFLCMC/WNS	ACC/A5TS
Email	William.sousa@spaceforce.mil	Diane.chen@us.af.mil	Victor.edwards.2@us.af.mil



B-52 Training System

Mr. Brian Karraker
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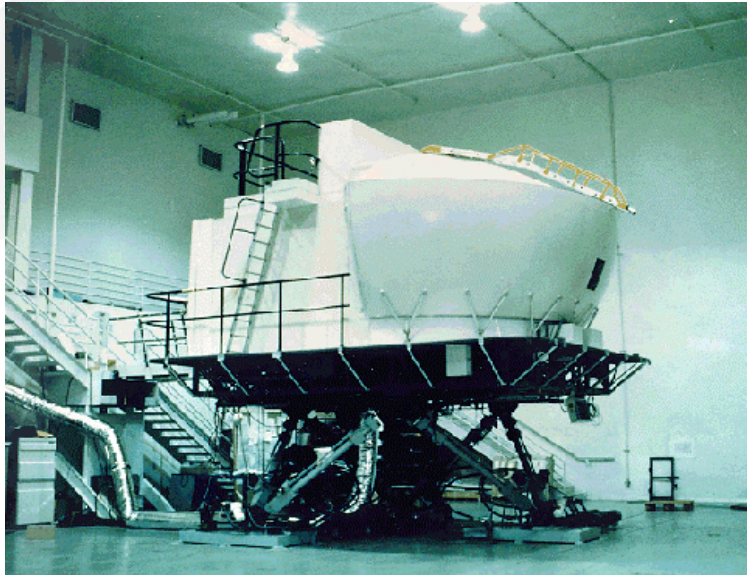
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B-52 TS



The Home of Concurrent, Affordable Training

Weapon System Trainer (WST)



Offense Station Mission Trainer (OSMT)



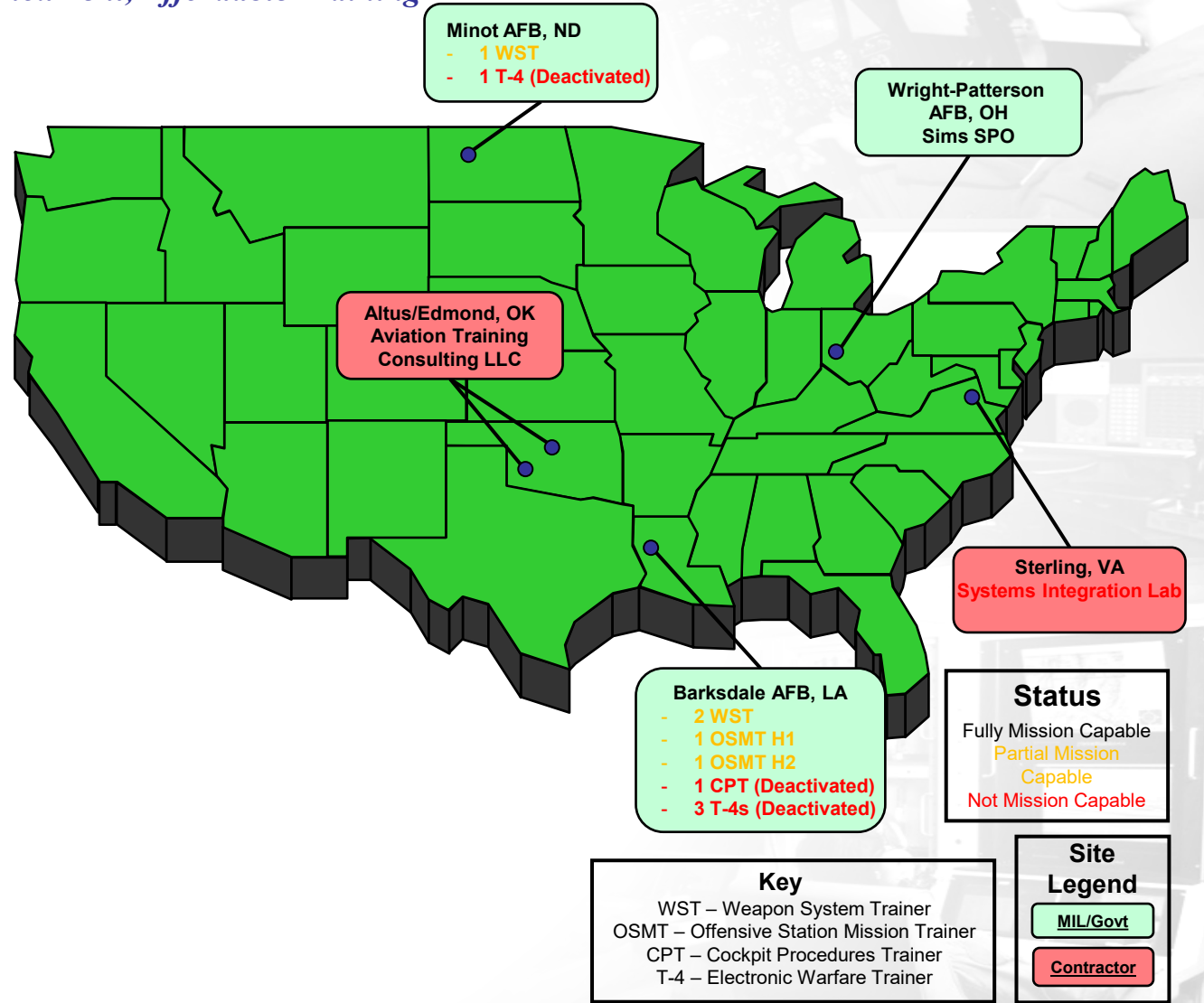
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B-52 TS



The Home of Concurrent, Affordable Training

- The current B-52 TS program consists of 5 Aircrew Training Devices (ATDs)
 - The B-52 ATDs provide development of proper aircrew coordination in comprehensive flight, mission, and tactics environments and provide initial avionics training
 - Using Organization(s): AFGSC & AETC
- Provide B-52 Training Systems continuing CLS and limited change management for concurrency and trainer-unique Reliability & Maintainability changes
- Requirements
 - ATD on-site: 95% availability



B-52 TS CLS & TSSC

The Home of Concurrent, Affordable Training

Current Contractor:

Company: Aviation Training Consulting, LLC

Contract Number: FA8621-16-C-6339 (TSSC) & FA8621-20-F-6265 (CLS)

20-F-6265

Period of Performance: 1 Nov 20 – 31 Oct 24 (CLS)

1 Nov 16 – 31 Oct 24 (TSSC & Mods)

Proposed Acquisition Strategy for Follow-On Effort

- TSA IV
- Firm Fixed Price and Cost Reimbursable CLINs
- Single Award (CLS + TSSC)
- Period of Performance: 1 year base; seven 1-year options

Anticipated Schedule for Follow-On Effort

- Draft FOPR release: Nov 23
- FOPR Release (planned): Jan 24
- Award (planned): Sep 24

Industry will receive updates from the program office via TSA III or IV

Follow-on contract is NOT a contract to recapitalize the current WST or to develop a new WST

POINTS OF CONTACT

Program	PM	Contracts	End User
B-52 TS	Brian Karraker	Taylor Wilson	Maj Matthew Gray
Office	AFLCMC/WNS	AFLCMC/WNS	HQ AFGSC/A5B
Email	brian.karraker.1@us.af.mil	taylor.wilson.6@us.af.mil	matthew.gray.13@us.af.mil



AWACS Maintenance Training System (MTS)

Beth Quinter
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AWACS MTS



The Home of Concurrent, Affordable Training

Surveillance Radar Training Set



Flight Deck Trainer



Integrated Trainer



Mobile Flight Director/Radio Navigation Trainer



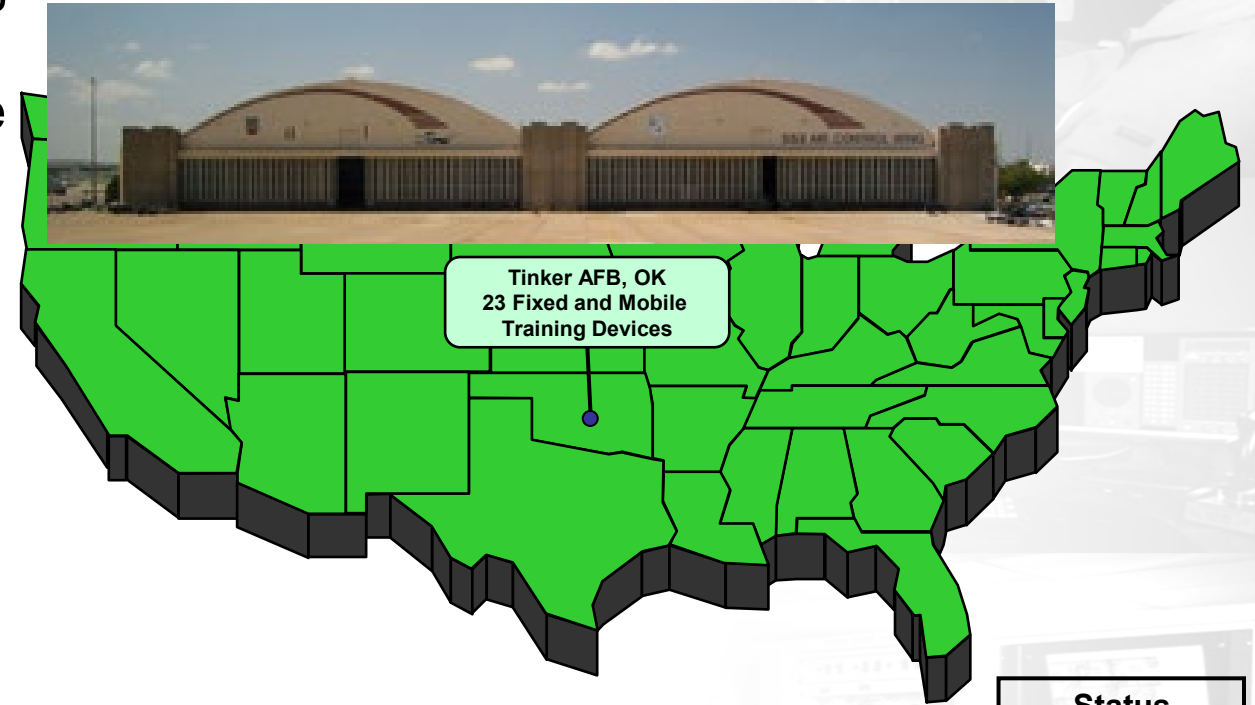
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AWACS MTS



The Home of Concurrent, Affordable Training

- 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



Key

ACW - Air Control Wing
 SRTS – Surveillance Radar Training Set
 FMT – Familiarization Maintenance Trainer
 PMT – Procedural Maintenance Trainer

Status

Fully Mission Capable
 Partial Mission Capable
 Capable
 Not Mission Capable

Site Legend

Mil/Govt
 Contractor

The Home of Concurrent, Affordable Training

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: Jun 24
- RFP Release (planned): Aug 24
- Award (planned): Oct 25

Industry will receive updates from the program office via TSA

Current Scope vs Follow-On Scope



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

POINTS OF CONTACT

Program	PM	Contracts	End User
AWACS MTS	Elizabeth Quinter	Diane Chen	Victor Edwards
Office	AFLCMC/WNS	AFLCMC/WNS	ACC/A589
Email	Elizabeth.quinter@us.af.mil	Diane.chen@us.af.mil	Victor.edwards.2@us.af.mil



B-1 Training System

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B-1 Training Simulators

Aircrew Training Systems



WST Flight & Aft

5 Weapon System Trainers



MT

2 Mission Trainers



CPT

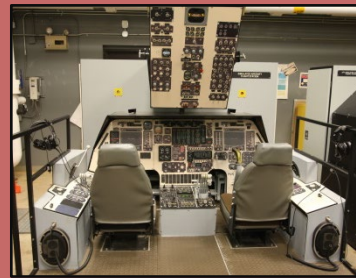
5 Cockpit Procedure Trainers

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

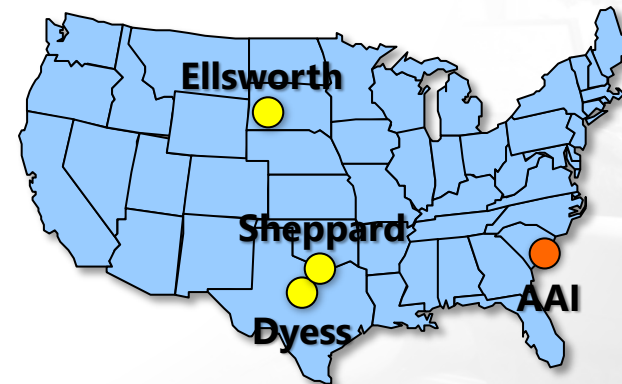


Egress

2 Egress Trainers

B-1 Training Simulators

- 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:
 - ATD on-site: 97% availability
 - MTD on-call repair: 2 Days



B-1 Training Simulators

Current Contractor:

Company: Aero Simulation Inc

Contract Number: FA8621-18-F-6261

Period of Performance: 25 Sep 18 – 30 Jun 26

Contract Value To Date: \$155M

Original Developer:

Company: Boeing

Date Delivered: Unknown

Proposed Acquisition Strategy for Follow-On Effort

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

Points of Contact

Program Manager: Mr. Matthew Long, AFLCMC/WNSA

Contracting Officer: Mr. Curtis Carson, AFLCMC/WNSK

User: Mr. Thomas Woods, HQ AFGSC/A5B

B-1 Training Simulators

Anticipated Schedule for Follow-On Effort

- Acquisition Planning Start: May 25
 - Request for Information Released: Aug 25
 - First Industry Day: Nov 25
 - RFP Release: Feb 26
 - Award: Jun 26
-
- Industry will obtain updates from the program office via TSA IV or FedBizOps

POINTS OF CONTACT

Program	PM	Contracts	End User
B-1 TS	Matthew Long	Curtis Carson	Thomas Woods
Office	AFLCMC/WNS	AFLCMC/WNS	HQ AFGSC/A5B
Email	Matthew.long.28@us.af.mil	curtis.carson.2@us.af.mil	Thomas.woods.16@us.af.mil

NTSA



Questions?