

# Aeronautical Systems Center

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*Dominant Air Power: Design For Tomorrow...Deliver Today*



**U.S. AIR FORCE**

## **SMSG Near-Term Business Forecast May 23, 2006**

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# Changes Since May 2005 APBI



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<b>Program</b>	<b>Changes</b>
<b>C-17 Maintenance Trainer</b>	<b>Interactive Multimedia Instruction On-hold</b>
<b>MQ-1 Predator</b>	<b>Contract Awarded Jun 2005 to L-3</b>
<b>B-1 Training System</b>	<b>Contract Awarded Feb 2006 to Rockwell</b>
<b>B-2 Training System</b>	<b>Expect Contract Award 4QFY08, TSA III</b>
<b>KC-X Replacement Tanker</b>	<b>Estimate Aircraft RFP Release Date Sep 2006</b>
<b>RQ-4 Global Hawk</b>	<b>Transferring to SMSG Jan 2007</b>
<b>YAL-1 Airborne Laser (ABL)</b>	<b>Contract Award Not Earlier than FY08</b>
<b>F-35 Joint Strike Fighter</b>	<b>Shared SMSG and NAVAIR Orlando Responsibilities</b>
<b>Foreign Military Sales</b>	<b>Multiple Potentials</b>
<b>CSAR-X</b>	<b>Managed by Special Operations Forces Systems Group</b>
<b>Distributed Mission Operations</b>	<b>F-22 New Start expected Oct 2006 F-16 MTC Award Planned for Sep 2006</b>



# New Programs



<b>Program</b>	<b>Changes</b>
<b>Joint Theater Air Ground Simulation System (JTAGGS)</b>	<b>FY08 Start</b>
<b>Joint Terminal Attack Controller Training Rehearsal System (JTAC TRS)</b>	<b>FY08 Start; Shared SMSG and PEO-Stri Responsibilities</b>
<b>TH-1H</b>	<b>Providing Technical Support to Army</b>
<b>Joint Cargo Aircraft (JCA)</b>	<b>Aircraft RFP Released 17 Mar 2006</b>
<b>KC-10 Aircraft Modernization Program (AMP)</b>	<b>Estimate Broad Agency Announcement (BAA) Contract Award Jul 2006</b>
<b>F-22A</b>	<b>Incrementally Transitioning to SMSG</b>



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# B-2 Training System



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**Description:** The B-2 Training System provides fully integrated off-aircraft training in the operation, maintenance, and employment of the weapon system. Concurrency with the Air Vehicle, academic instruction, curriculum and courseware development, training sortie mission generation, trainer-unique modifications and TSSC operations are included .

**Scope:** Provide CLS, TSSC and DMO Operations, Concurrency Upgrades, Technology Upgrades, Courseware, and Instruction

**Locations:** Whiteman AFB

**Period of Performance:** 10 years

**Funding Range:** \$325M over 10 years

**Competition & Contract Type:** Full and Open,  
multiple contract type, TSA III

**Contract Award Date:** 4Q FY08





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# RQ-4 Global Hawk



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**Description: Mission Control Element simulator to train Global Hawk Pilot/Mission Commanders and Sensor Operators**

**Scope: Development and production of 9 simulators, including two for FTU, two for continuation training, and one engineering testbed**

**Location: Beale AFB and two forward operating bases**

**Period of Performance: TBD**

**Funding Range: Estimate \$40M**

**Competition & Contract Type: Training system is included within scope of RQ-4 prime contract with Northrop Grumman. Training devices may be subcontracted at the discretion of the prime.**

**Contract Award Date: TBD**





# F-35 Joint Strike Fighter



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**Description:** Total training system for F-35 weapon system, including USAF, Navy, Marine Corps, and foreign partners

**Scope:** SMSG/TQ supports the Joint Program Office Training System IPT in managing Instructional Systems Design, Courseware, and Training Infrastructure Systems requirements.

NAVAIR manages Training devices and Integrated Training Center requirements

**Location:** Multiple CONUS and OCONUS

**Period of Performance:** Ongoing through 2013

**Funding Range:** SDD Training System \$463M

**Competition & Contract Type:** F-35 prime contractor Lockheed Martin has total system program responsibility. Subcontract opportunities are at their discretion.

**Contract Award Date:** 26 Oct 01





# Joint Theater Air Ground Simulation System (JTAGSS)



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## Description:

- Provides DMO capable training system at each ASOC/TACP, Special Tactics Squadron and each Service Air Ground Schoolhouse.
- Meets mission training requirements for CAS operations, air request processing and air-ground coordination, and integrating “Joint Fires.”

## Scope:

- FY 09 Incr. 1: JTAGSS links ASOC/TACP/SOF fires elements to JTAC
- FY 10 Incr. 2: JTAGSS links ASOC/TACP/SOF fires elements/FC to JAOC
- FY 11 Incr. 3: JTAGSS fully links JTAC to ASOC/TACP/SOF Fires Elements to JFACC; full mission rehearsal

Locations: 19 Simulators for Air Support Operation Squadrons (ASOS)

Funding Range: \$41M

Competition Type: Procurement with CLS

Contract Award Date: FY08 Start





# Joint Terminal Attack Controller Training and Rehearsal System (JTAC TRS)



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## Description:

- Provides realistic, high fidelity, interactive, immersive training/rehearsal for terminal attack control of JCAS aircraft, and coordination/integration of “fires” with ground maneuver units.

## Scope:

- JTAC Virtual Trainer Dome Prototype 06
- Deployable DMO Production Version 08
- JTAC Virtual Trainer Dome; production 09

## Locations:

Deployable: 38

Fixed: 7

Dome: 5

Funding Range: \$33M

Competition Type: Procurement with CLS

Contract Award Date: FY08 Start