

# Aeronautical Systems Center

---

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



**U.S. AIR FORCE**

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

**Ms. June Taylor**  
**Director, Simulator Systems Group**  
**SMSG/CL**  
**785-7408 ext. 3201**  
**[june.taylor@wpafb.af.mil](mailto:june.taylor@wpafb.af.mil)**

---

# Report Documentation Page

Form Approved  
OMB No. 0704-0188

Public reporting burden for the collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to a penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.

1. REPORT DATE <b>23 MAY 2006</b>		2. REPORT TYPE		3. DATES COVERED <b>00-00-2006 to 00-00-2006</b>	
4. TITLE AND SUBTITLE <b>SMSG Near Near-Term Business Forecast</b>				5a. CONTRACT NUMBER	
				5b. GRANT NUMBER	
				5c. PROGRAM ELEMENT NUMBER	
6. AUTHOR(S)				5d. PROJECT NUMBER	
				5e. TASK NUMBER	
				5f. WORK UNIT NUMBER	
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) <b>Aeronautical Systems Center, Simulator Systems Group, SMSG/CL, Wright Patterson AFB, OH, 45433</b>				8. PERFORMING ORGANIZATION REPORT NUMBER	
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)				10. SPONSOR/MONITOR'S ACRONYM(S)	
				11. SPONSOR/MONITOR'S REPORT NUMBER(S)	
12. DISTRIBUTION/AVAILABILITY STATEMENT <b>Approved for public release; distribution unlimited</b>					
13. SUPPLEMENTARY NOTES <b>2006 Air Force Advance Planning Briefing to Industry (APBI), May 23, 2006, Dayton, OH</b>					
14. ABSTRACT					
15. SUBJECT TERMS					
16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT	18. NUMBER OF PAGES	19a. NAME OF RESPONSIBLE PERSON
a. REPORT	b. ABSTRACT	c. THIS PAGE			
<b>unclassified</b>	<b>unclassified</b>	<b>unclassified</b>	<b>Same as Report (SAR)</b>	<b>8</b>	



# Changes Since May 2005 APBI



U.S. AIR FORCE

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

<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>



# B-2 Training System



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

**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





U.S. AIR FORCE

# RQ-4 Global Hawk



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

**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



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

**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)



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

## 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)



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

## 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