



Training Systems Product Group



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ASC/YW



Wright-Patterson AFB, OH
25 February 2004





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Agenda



- TSA-II/TSA-III Program Update
- Potential New Programs
 - ASC/YW
 - OO-ALC/YW
 - AFRL/HEA
- Technical Forum Initiative
- Future Training Vision



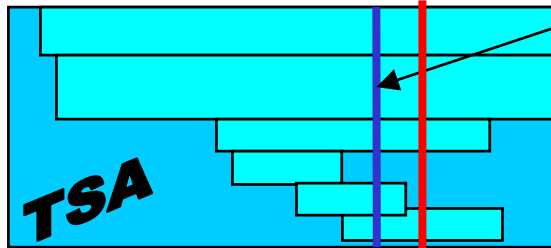
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Training Systems Acquisition (TSA-II/TSA-III) Program Update



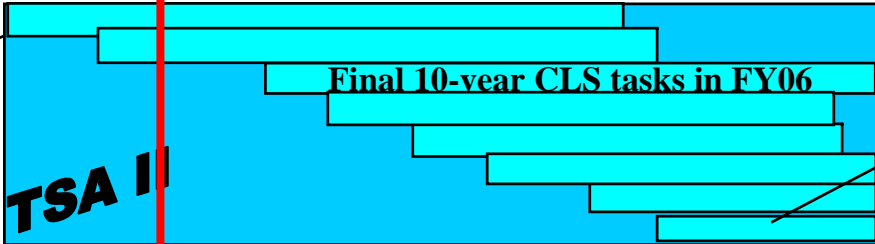
Training Systems Acquisition Concept



Ordering period ended

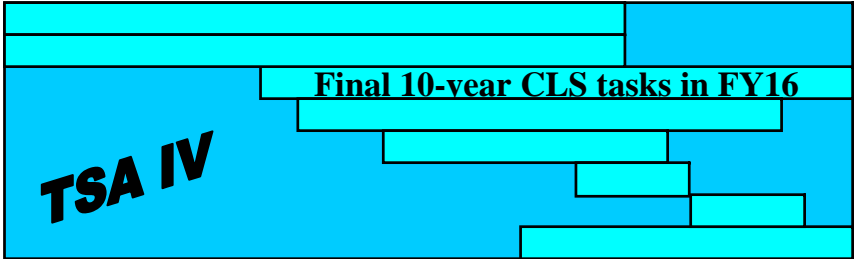
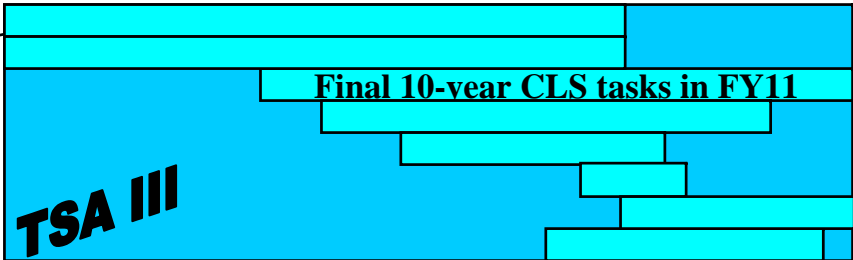
New TSA contracts have a five-year period when 10-year tasks can be initiated. After that, shorter duration and follow-on tasks continue to be let until ceiling is exhausted.

Initial 10-year CLS tasks in FY01



Shorter tasks continue after FY06 until projected ceiling is exhausted

TSA III starts in FY06 to permit new 10-year CLS tasks





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TSA - II



Description: Indefinite Delivery/Indefinite Quantity (ID/IQ)

Contract Types: Most contract types available, FAR Part 15 and 12

Value: \$3B

Ordering Period: Jul 01 - Jun 16

Period of Performance: Jul 01 - Jun 16 (Individual Orders limited to 10 Years)

Scope of Effort: Design, development, test, production, modifications, upgrade, delivery & sustainment of training systems. Includes FMS, but not A&AS

Program Manager: Glenda Konechney, (937) 255-7139 ext. 3281

PCO: William Watts, ASC/YWK, (937) 255-6937 ext. 3337

For additional information go to PIXS website
<http://www.pixs.wpafb.af.mil/pixslibr/TSAT/TSAT.htm>



TSA II Contractors



- AAI Engineering Support, Inc. (ESI)
- CAE USA, Inc.
- L-3 Communications, Link Simulation & Training
- Lockheed Martin Info Systems
- Boeing (formerly McDonnell Douglas)
- Flight Safety Services Corp
- Karta Technologies *
- Cubic (formerly ECC International) *
- LB&B Associates *
- Rockwell Collins (formerly NLX) *
- Sytronics, Inc. *









* Companies classified as small businesses at time of contract award



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Tentative TSA-III Acquisition Timeline



FY05-3 May 2005	FY05-4 Jul 2005	FY06-1 Oct 2005	FY06-2 Jan 2006	FY06-3 Apr 2006	FY06-4 Jul 2006
 Assign Core Team					
 Strategy Development 					
 RFP Development 					
 Source Selection 					
Contract Award 					



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Potential New Programs



- C-17 Maintenance Trainers
- MQ-1 Predator
- B-1 Training System
- Avionics Suite for F-16 MSAMT
- B-2 Training System
- KC-767 Total Training System
- RQ-4 Global Hawk
- YAL-1 Airborne Laser
- F-35 Joint Strike Fighter
- Foreign Military Sales
- Distributed Mission Operations



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C-17 Maintenance Training System



Description: The C-17 MTS provides devices for off-aircraft maintenance training to level 3c certification. Concurrency updates. Studying Interactive Multimedia Instruction (IMI). CLS.



Scope: Production and CLS for MTS w/Annual option

Locations: IMI solution at Jackson, McGuire, Dover

Funding Range: Estimate Unknown Pending IMI Results

Competition Type: Unknown

Contract Award Date: Acquisition Strategy being formulated

Note: Pending IMI Study Results (Feb04) will influence strategy





C-17 Interactive Multimedia Instruction (IMI)



- IMI is another step by AMC toward a “blended” maintenance training solution
 - Use of aircraft, full-up training devices, part task trainers, and computer-based (IMI)
- IMI will be deployed to all C-17 bases and enroutes
- \$8M+ development effort
- Full and open acquisition under TSA II
 - Potential small business set aside
- Schedule
 - March: load PIXS, risk workshop, industry day telecon
 - March-May: prepare draft RFP
 - June: industry day #2 at Charleston
 - June-July: finalize RFP
 - July: release RFP
 - September: receive proposals
 - January: contract award



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MQ-1 Predator



Description: Ground Control Station training device for MQ-1 Predator pilots and sensor operators. Replacement for current RQ-1 Multi-Task Trainer developed by AFRL in 1997.

Scope: Development and production of 8 trainers.

Location: Nellis AFB, Luke AFB, Indian Springs AFAF

Period of Performance: CY05 - 06

Funding Range: Approximately \$30M

Competition & Contract Type: Anticipate FFP order awarded under full & open TSA-II competition

Contract Award Date: 2Q FY05





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B-1 Training System



Description: The B-1 Training System provides fully integrated, off-aircraft training in the operation, maintenance, and employment of the weapon system. Concurrency with the Air Vehicle, CLS, training sortie mission generation, trainer-unique modifications and TSSC operations are included .

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

Locations: Dyess AFB, Ellsworth AFB

Period of Performance: 10 years

Funding Range: \$200M over 10 years

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

Contract Award Date: 1Q FY06





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Avionics Suite for MSAMT



Scope: Add avionics suite (including Com/Nav, ECM, Fire Control, Armament and Flight Control systems) to current MSAMT

Period of Performance: TBD

Funding Range: TBD

Competition & Contract Type: TSA II

Solicitation Release: Mid 2004



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B-2 Training System



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: 3Q CY08





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KC-767A Total Training Service



Description: Provides fee-for-service training of pilots, boom operators and maintainers in initial qualification, upgrade and continuation training of the KC-767

Scope: The training service will use the following devices:

- 4 Pilot full-flight-simulators (FAA Level D)
- 3 Boom Operator trainers (FAA Level 6)
- 1 Fuselage trainer (FAA Level 6)
- 4-8 Maintenance Devices (engines, avionics, boom, hydraulics, etc)

Location: Fairchild, Grand Forks

Period of Performance: TBD

Funding Range: TBD

Competition & Contract Type: Boeing has total system program responsibility. Trainers may be subcontracted at their discretion.

Contract Award Date: TBD





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RQ-4 Global Hawk



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: FY06 through FY08

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: FY06





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YAL-1 Airborne Laser



Description: Aircrew and maintainer training system for the YAL-1 weapon system

Scope: Conduct training requirements analysis and develop/ acquire required training devices and/or services

Location: TBD

Period of Performance: TBD

Funding Range: TBD

Competition & Contract Type: TBD

Contract Award Date: Not earlier than FY08





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F-35 Joint Strike Fighter



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

Scope: TBD

Location: Multiple CONUS and OCONUS

Period of Performance: Ongoing through 2012

Funding Range: TBD

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

Contract Award Date: TBD

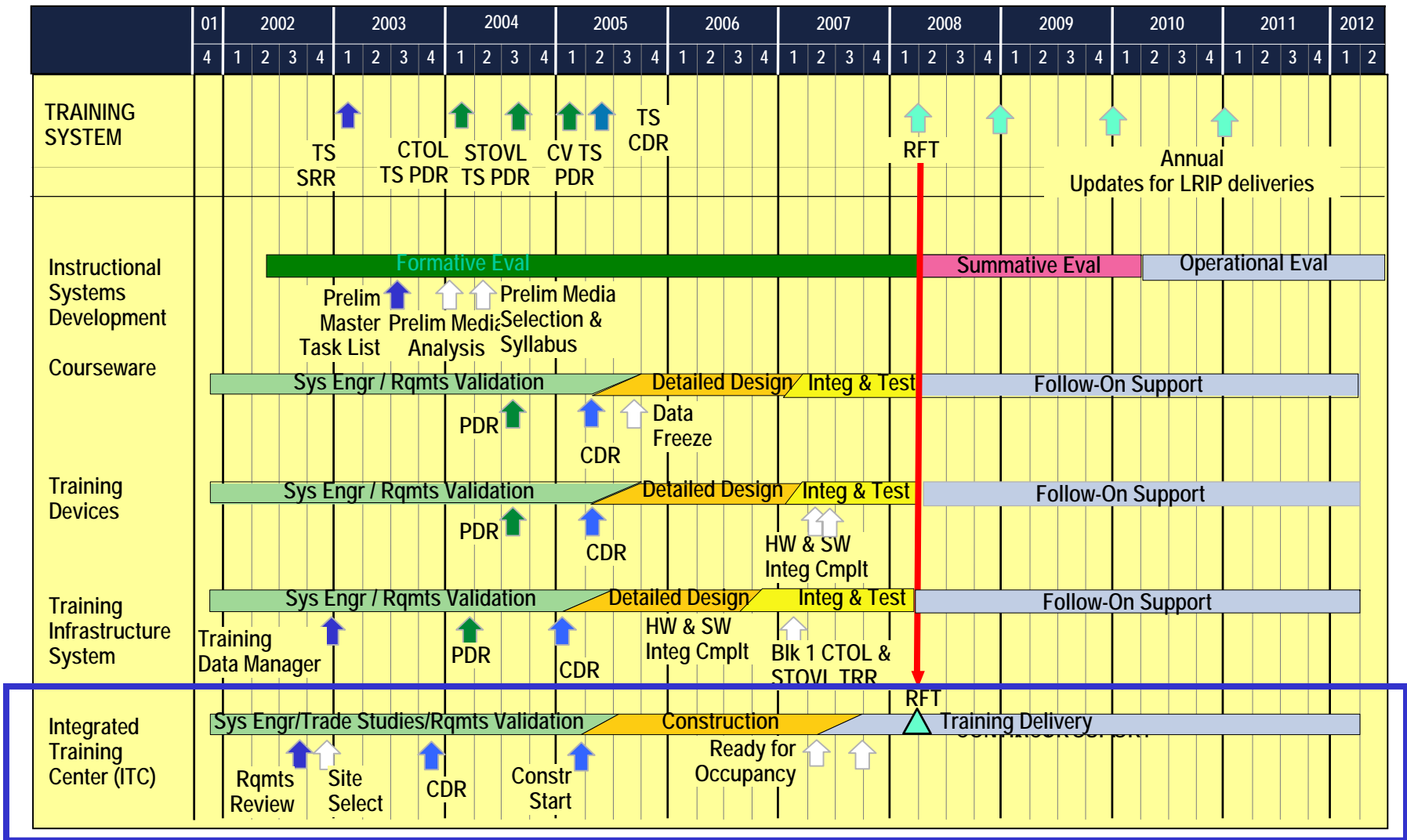


Information available to industry via webpage
http://www.lockheedmartin.com/Imtraining/JSF_Public



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F-35 Training System Master Schedule





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Foreign Military Sales



<u>CONFIG.</u>	<u>LAST ACTION</u>	<u>PROBABILITY</u>
F-16 Block 40 UTD Bahrain	Request for significant HW/SW upgrade P&A.	Low/Mod
MSAMT System Egypt	LOAD requested. Working with ASC/PMIA, on package	Mod/High
F-16 UTD Blk 15 ADF Pakistan	P&A submitted	Mod
Question on how to get trainer Honduras	Advised SAF rep in country on Process	No action



Distributed Mission Operations & Training Transformation



Ms. Carol Zelczak
Program Manager



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DMO Emphasis



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- ACC's briefing summarized the future of DMO
 - Integrated, interoperable training is here to stay
 - Support comes from the highest levels
 - Need is great
 - Future is limited only by our ability to deliver
 - There has never been a better opportunity to support the war fighter



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Summarizing DMO



- Without the following, DMO will die of user frustration
 - Work together for a multi-level security solution
 - Rapidly delivered, reasonably priced compatible databases
 - Standards. Standards. Standards.
 - Minimize test impact on wings
 - Configuration control



Training Transformation



- The centerpiece of DoD T2 effort is the Joint National Training Capability (JNTC)
- JFCOM, in coordination with the Services, approves execution of all JNTC funding, certifies JNTC sites and systems, and supports and accredits all JNTC events.
- \$1.4B program funded by OSD over FYDP
 - T2 Management Initiative Decision (MID) 906.



Initial Funding Candidates



- Potential TSPG T2 Funding Initiatives:
 - JTAGSS Spiral Development
 - Common Data Base
 - Validation of Common Threat Models
 - Development of Standards
 - DMO Capabilities Upgrades
 - Multi-Level Security (MLS)



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Joint Theater Air Ground Simulation System (JTAGSS)



Description: Provide live, virtual, constructive training environment for JCAS (aircrew and Joint Terminal Attack Controllers) for ACC, USAFE, PACAF, USSOCOM, USA, USN/USMC

Scope: Commercial Training Simulation Services expected

Locations: TBD

Funding Range: \$350M

Competition Type: TBD

Contract Award Date: TBD -
PMD is under development.

