



**U.S. AIR FORCE**

**15 June 2010**

**USAF Liaison  
Report**

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# AGENDA

- Near-Term ATE opportunities/Contract Vehicles
- Logistics Transformation/USAF RE21 Status
- USAF ATS updates
- News
  - 2011 Budget AF Spending Plan
  - Top 5 AF programs
  - AF AC news

# Near-Term ATE opportunities/Contract vehicles

- **F-15 ESTS Modernization**
  - Award now projected for July 2010
  - Competitive Small Business **1000**
- **A-10 Common Armament Tester (CAT)**
  - A-10 Spec defined.
  - Cross-Platform armament tester requirements being collected
  - Funding issues
  - PR/PWS Package under Review for potential study
  - Three phase procurement
    - Independent review of sources/proof of concept (CY10)
    - Follow-on TPS demo
    - Production FY12 - FY14
- **VDATS PBA**
  - PBA/PBL (BTP, new builds, Parts Availability)
  - IDIQ 5 year contract (3+2)
  - ~15 Systems to be built yearly for new opportunities
    - RFP 4 Sept 09
    - Source selection evaluations are in initial review
      - Down-select
      - No specific timeframe has been identified for the oral presentations
    - Award Possible by end of summer 2010
    - Small Business Competitive Set-aside, Size factor **500**
- **B-1B REW Replacement**
  - RFI to be released in Jun
    - RFI will contain Product Description, Statement of Work, and approx. 10-12 questions for Industry
  - Industry Day TBD
  - Question of Performance Based Spec still TBD

# Near-Term ATE opportunities/Contract vehicles

- **WR Small Business Acquisition & Sustainment Tool (SbAST) (WR Only)**
  - SB contract NAICS 336411 1500
  - 5 yr IDIQ 3 basic +2 year options
  - \$402M IDIQ
  - 5 Contract awards
  - Award by end of CY 2010
  
- **Hill AFB DESPIII RFI**
  - IDIQ Eng, Tech, Support Services
  - Can be utilized by ALL DoD agencies
  - OSD review
  - RFP moved to right (Possible RFP in June) Award by end of FY 2010
  
- **BRAT PBL**
  - 5 yr. Contract
  - Procurement Pan
    - RFP potential July 2010
    - Award March 2011

# Logistics Transformation - News

- **GLSC and ECSS** the new enterprise system for improving over-all Supply Chain Management.
- **ECSS will enable a single data entry for Logistics info.** (Will replace over 240 existing Mx and Logistics databases)
  - Pilot roll out in 2010 Hanscom AFB, 12-18 Month pilot with FOC planned 2014
  - Seimens “**Team Center**” Key software tool for managing Tech Data and Data Management.
  - Other services will be linked via a common commercial software called “SCORE”
  - First ECSS sites Ellsworth AFB (B-1B) and Gunter AFB
- **RE 21 Repair Enterprise (Regional Repair Centers and ALC - field to depot repair support).**
  - Ultimately USAF to stand up (10) CONUS CIRFs (5) Active, (1) ANG and (4) Integrated
  - **Repair Network Integration (RNI) (delayed ~ 1 year)**
    - Phased Implementation for Commodities and Weapons Systems
    - Multi-year journey- Working Enterprise Management activities and Standardization processes first
    - Shape and size Network next (CRFs)

# ATS Policy Updates

- **AF continues to pursue standard ATS solutions through DoD standard family of testers**
  - AF standard testers – VDATS and JSECTS
  - AF focus on providing common, standard ATS solutions for new and legacy weapon systems (Not just VDATS)
- **Next focus are is on retiring some of the 300+ legacy systems**
  - Worst sustainment issues tackled first
  - Gap analysis and Business case analysis are being performed on a Case-by-case basis
  - Multiple WR Depot systems retired and over 100 TPSs have been rehosted to VDATS to date
    - COMETS
    - Watkin Johnson
    - Replacement of JSTARS DATSA is funded

# USAF ATS Policy/Plan

- **ATS Product Group Manager (PGM) has policy oversight for all AF ATS**
  - Most AF ATS being managed by the ATS Program Office
  - Notable exceptions:
    - EW Test migrating to the ATS PGM now
  - Exceptions to standard family policy require waiver
    - Waivers must be granted by the PGM
- **Funding profile for ATS realized**
  - A4/SAF ATS PEM assigned LTC Robert Flinn PE
  - ATS PGM controlled funds moved to new PEC
  - Funding streams being moved to ATS PEC as they are identified
- **WR SIL/Integration Lab fully operational by Spring 2010**
  - Software Updates, Obsolescence and New Technologies
  - New Technologies
    - help drive down cost of Test
  - ATS PGM focal point for initial discussions on new technologies
- **ATS PGM study to look at a CASS/VDATS Hybrid interface to VDATS**
  - Desire is to build an Interface from CASS to VDATS
    - to provide improved inter-service worldwide deployment support.
    - ability to run CASS TPS on VDATS and visa versa.
  - Goal a DoD family of testers versa just Service families
  - Desires:
    - Want a common Hardware and software interface.
    - Operating System that is MS windows independent
    - ATML
    - Common UUT Interface
    - DoD Library of TPSs
    - Analyze TPS for interface and instrument Requirements
    - Possibly define a new interface standard under this effort.
  - Looking for whitepapers
  - Potential funding available 2012
  - ATS PGM defining RDTE CASS EOSS to VDATS effort

# Transformation Initiatives

## Rand Study

### ATS Roadmap Way Forward

#### ■ RAND Update

- RAND has completed their ATS project effort
  - Final report & deliverables are inwork
- RAND provided an out brief to Gen Peyer on 12 May 10
- RAND will be providing the AF ATS PGM with a model that can be used to determine when it is cost effective to rehost workload to a standard tester

# Draft FY 2011 USAF Defense Budget (Highlights)

- FY-11 Defense Budget \$708B Core budget \$548B, \$159B for War efforts
- \$11.0B for (42) F-35
  - Recommends killing Second Engine effort and C-17 additive Gates recommends Veto of second Engine and more C-17s(Congress Providing Money)
- \$4.0B for New Long Range Strike Bomber IR&D (ABSD) (2011-2015)
  - No procurement \$ until after 2020
  - Includes Research for new Cruise Missile
  - Upgrades for B-52 and B-2
  - Enhance Prompt Global Strike
- Increase Purchase of MQ-9 Reapers
- \$6.3B for Special Ops
- \$9.9B for Missile Defense
- \$2.7B for ISR
- \$11.B for Nuclear Enterprise (Billions Promised to enhance and sustain existing Arsenal)
- Unfunded Requirements \$548M (Wartime additives and Depot Mx B-2, B-1, KC-135, C-5 A-10)
  
- DoD Budget Projections for 2012-16 to be submitted by 31 July
  - Possible changes to POM process are in work
  
- 20 year look ahead
  - Manned Fighters to decline by 10% 2010-2020
  - UAVS to be quadrupled during same period
  - 3% average growth of DoD Budget maybe at risk
  - Aviation Programs 2011-2020 \$268B
  - DoD forecast for aviation “Robust & Stable”
    - Fighter, Bomber, airlift, ISR platforms stable numbers
- Questions about Recent 2010 QDR effort
  - 20 year force structure or Budget exercise?
  - Congress seeking independent review

# News –Budget and Programs

- Top 5 USAF requirements:
  - **KC-X Tanker Replacement TOP AF Priority**
    - RFP released 24 Feb 2010 (FFP contract) 9 July response (Extended)
    - Award planned 4<sup>th</sup> Quarter FY10
    - AF acquisition with “Robust OSD Oversight” “Best Value” FFP
      - 179 AC – First AC to AF 2015 – IOC 2017
      - 15 year build in 5 Lots
      - First flight 2012, first lot FY13, First AF AC delivery 2015
    - KC-Y and KC-Z to follow – To replace remaining KC-135s and KC-10
    - NGC No Bid no Protest
    - EADS (with US Partners) intends to bid alone.
    - Boeing-EADS Posturing for final bid Responses.
  - **CSAR-X – Back on the table**
    - Gates directed Study to determine if Joint potential
    - Looking at Options - CV-22, Others
    - AF to retain a CSAR mission
  - **Satellites for Early Warning/Com - Refocused**
  - **F-35 –Production Number reduced if Cost is not stabilized**
    - DoD focusing on cost and schedule growth impact delays in F-35 program.
    - Gates Extends Development/Testing phase to 2015
    - New F-35 PD Lt. Gen. Venlet NAVAIR
    - DoD pressing LM for FFP Production
    - LRIP numbers reduced and Full rate production delayed until Nov 2015
    - **AF IOC now 2016 (2-3 year extension)**
    - **Continued funding for Alt. Engine could reduce number of F-35s (Veto Threat)**
    - All services now looking at extending service life of legacy AC.
      - Congress now pushing for Block 60 F-16s and F-15 Silent Eagles as back-up plan
    - F-35 exceeded 50% Cost growth 1 April (5 other Major DoD programs also)
  - **NGLRS (ABSD) Airborne Strategic Deterrence (Driven by QDR)**
    - FY11 Budget \$1.9B for R&D of new Bomber
    - No new bomber until after 2020 (Still key element of Nuke Triad of Nuclear Deterrence)
    - Navy and AF developing a new LRS capability
    - DoD now looking at “Family of Systems” concept for LRS EW Attack/ISR, deep penetrating strike
      - Still refining concept Requirements
  - Recent START Treaty could impact how many Bombers remain in Nuclear role
    - Subs & Missiles more survivable and responsive

# AF News

- 2012 Budget described as “Ugly”, Future AF budgets look grim. AF Budgets Flat for foreseeable future.
  - Nat’l Debt impacting DoD budgets going forward
  - NATO Defense Budgets heading south due to economy impacts
  - Congressional Sustainment Defense Task Force
    - Targeting \$1.1T in DoD Spending cuts over next decade
    - Gates has already challenged Services to find \$100B in savings next 5 Years
- Promised Admin Money to back fill DoD shortfalls has not materialized
- More AF tasking versa funds to pay for the bills
- Personnel and facility cuts back on the table
- Program cuts possible
  - Any gains in capability will be achieved thru divesting of other programs or infrastructure.
- AF Aircraft readiness now lowest in over 20 years
- F-35 program eating over 40% of the AF modernization budget
- AF expected to accept more risk in Mission, but is trying to maintain a more capable smaller CAF
- Major concerns that US Defense Industry talent is disappearing with end of development on F-35
  - No new near-term programs on the horizon
- Army and AF issues

# Aircraft Activity-News

- **AF “Technology Horizon” 2030 Study**
  - **Initial Briefing to AF leadership Feb 2010**
  - **Themes for 2030 AF**
    - Manned versa Unmanned (MAVs)
    - Larger to smaller systems
    - Composable Systems (Adaptable 75-80% solutions systems in weeks versa years)
    - Hypersonic Engines Mach 6+
    - Automated Logistics (to reduce manned involvement)
- **F-16 Fleet being Stress tested**
  - Determine how to keep hundreds thru end of Decade as hedge for F-35 delays
- **New CSAR-X RFP on the street 23 March**
  - Potential award 2012
- **Full funding in FY 2010 Budget for UAVs based on QDR recommendations.**
- **New USAF X-37B in orbit undergoing tests**
- **MQ-X Expected RFP by 2014**
  - Replacement for Reaper
  - Defining Requirements
- **B-1B Celebrated its 25<sup>th</sup> Anniversary June 1985-June 2010**



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