



**U.S. AIR FORCE**

**9 Dec 2009**

**USAF Liaison  
Report**

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# AGENDA

- Near-Term ATE Efforts/Contract Vehicles
- Logistics Transformation/USAF RE21 Status
- USAF ATS updates
- News
  - Administration Focus and goals
  - 2010 Budget AF Spending Plan
  - Top 5 AF programs
  - AF Personnel/Org changes

# Near-Term ATE/Vehicles

## ■ F-15 ESTS Modernization

- ~\$40M upgrade effort over 3 year period
- F-15 SPO WP running procurement/WR assist
- Award date moved right
- Competitive Small Business

## ■ A-10 Common Armament Tester (CAT)

- Spec defined. A-10 launch point for a universal armament tester.
- Initial funding FY10
- PR Package under Review
- Three phase procurement
  - Independent review of sources/proof of concept (CY10)
  - Follow-on TPS demo
  - Production FY12 - FY14

## ■ VDATS PBA

- PBA (BTP and Parts Availability)
- Will Evolve into PBL
- IDIQ 5 year contract (3+2)
- ~15 Systems to be built yearly for new opportunities
  - RFP 4 Sept, Award spring 2010?
  - RFP in hold status while AF evaluates requirement.
  - Proposals potentially due Dec 2009
  - Small Business Competitive Set-aside, Size factor **500**

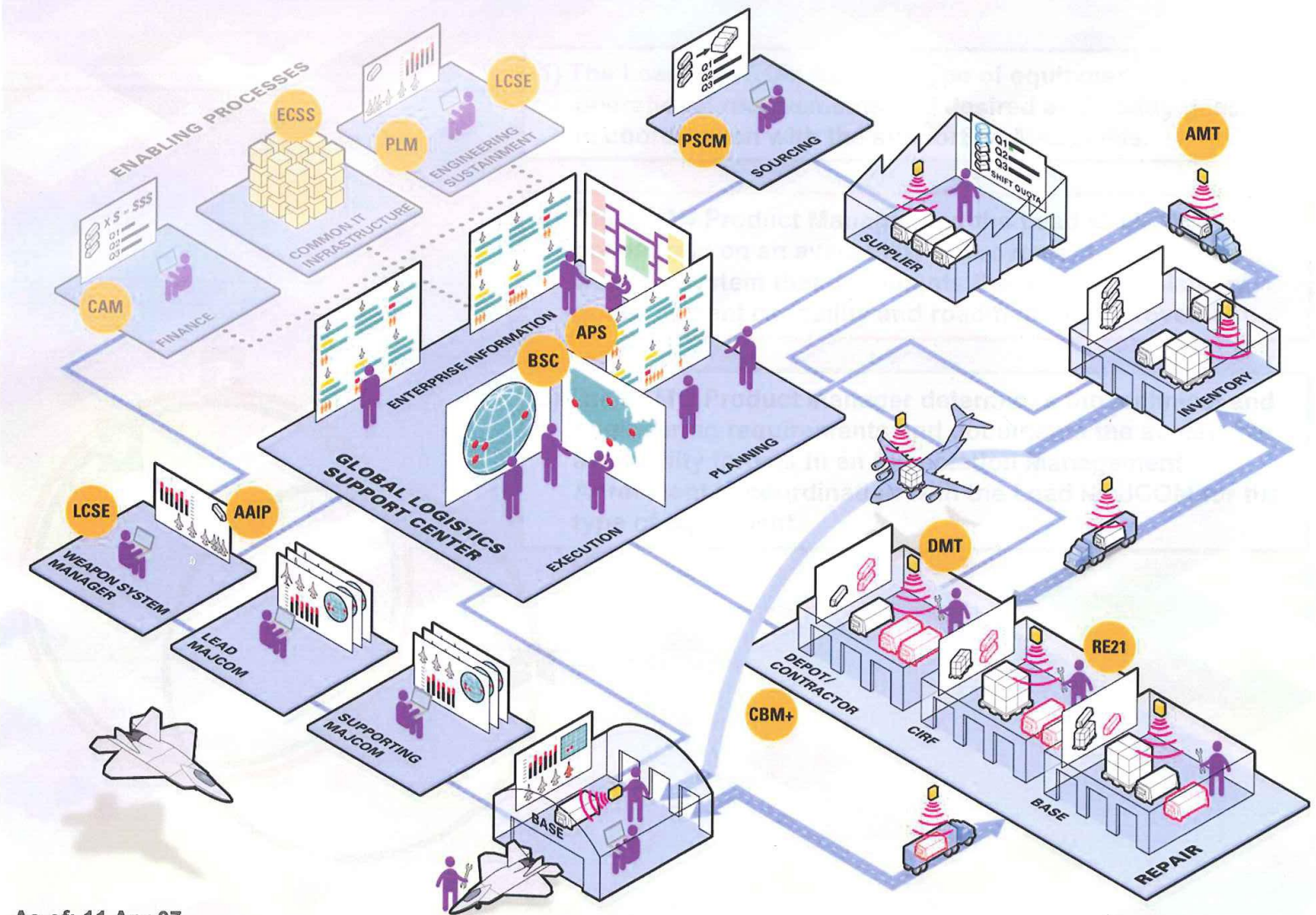
# Near-Term ATE/Vehicles

- **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 Feb 2010
  - WRALC.PKF.SBMODPGM@Robins.af.mil
- **Hill AFB DESPIII RFI**
  - IDIQ Eng, Tech, Support Services
  - Can be utilized by ALL DoD agencies
  - OSD review
  - RFP expected Feb 2010 Award Summer 2010
- **BRAT PBL**
  - 5 yr. Contract
  - Procurement Pan
    - BCA in review
    - ASP planned Dec 2009
    - RFI Jan 2010
    - RFP March 2010
    - Award Summer 2010

# 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 2013
  - COTS tools, CSC leading effort
  - AF will adapt Mx Logistics procedures to COTS systems. All eggs one basket
  - 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).**
  - ALCs stood up 1 Oct. 2007
  - 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)

# AIR FORCE "TO BE" LOGISTICS PROCESSES



As of: 11 Apr 07

OPR: A41

# ATS Policy Updates

- **AF continues to pursue standard ATS solutions through DoD standard family of testers**
  - **AF standard tester – VDATS**
  - **AF focus on providing VDATS as ATS solution for new and legacy weapon systems**
- **Next focus are is on retiring some of the 300+ legacy systems**
  - **Worst sustainment issues tackled first**
  - **Case-by-case analysis working with weapon system managers**

# USAF ATS Policy/Plan

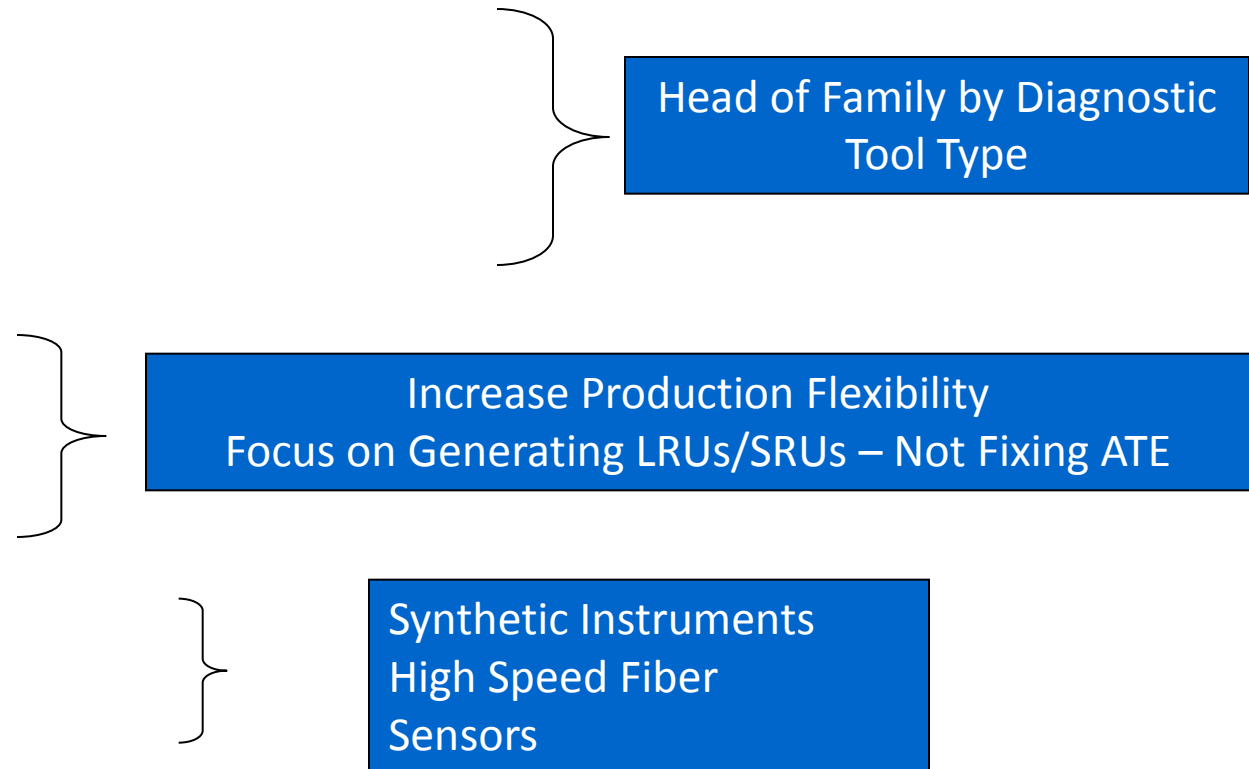
- **ATS Product Group Manager (PGM) has policy oversight for all AF ATS**
  - Most AF ATS being managed by the ATS Program Office
  - Notable exceptions:
    - EW Test migrating to the ATS PGM now
    - Elements of Armament Test to remain under Armament Divisions
    - Other weapon system specific examples exist
  - Exceptions to standard family policy require waiver
    - Granted by the PGM
- **Funding profile for ATS realized**
  - A4/SAF ATS PEM assigned LTC Thompson and PE coded Jan 09
  - ATS PGM controlled funds moved to new PEC
  - Funding streams being moved to ATS PEC as they are identified
- **WR SIL/Integration Lab to stand-up by Spring 2010**
  - To review new technologies to help drive down cost of Test
  - Criteria for selection is in work.
- **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
    - 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

# VDATS Requirements

- **Selected VDATS program requirements**
  - B-2 – from 1-6 DA-2s (dependent on EW upgrade)
  - F-15 IFF – 1 DA-2/1 RF-1
  - F-16 IFF – 1 DA-2/1 RF-1
  - Global Hawk – 5 DA-2/2 RF-1
  - LAIRCM – 2 DA-2 and development of EO roll-up
  - Kadena Mini-Depot/CIRF – 2 DA-2/2 RF-1
  - Space Crypto – 1-5 DA-2
  - B-1 – 8 DA-1/RF-1
  
- List is growing weekly

# Transformation Initiatives

## ATS Roadmap Plan of Attack



# Transformation Initiatives

## Rand Study

### ATS Roadmap Way Forward

#### ■ RAND Study

- Dec 08: WR-ALC/CC and Air Staff approved RAND for first phase of the program
- RAND placed on contract Feb 09 to examine ATS Environment and develop strategy for standardizing ATS Infrastructure

#### ■ RAND Study Scope

- Develop comprehensive inventory of legacy ATS
- Project future force structure and flying hour programs based on Defense Planning Scenarios
- Estimate LRU/SRU tester workloads by tester type across the planning horizon
- Identify quantity of standard testers required to satisfy tester workloads
- Develop an economic analysis to determine when transition is cost-justified
- Develop a migration schedule to determine when to transition workloads from legacy testers to a new tester platform
- Development of a roadmap & implementation plan for moving legacy ATS to the Standard Family
- Develop comprehensive enterprise approach for evaluating options for migrating individual weapon system ATS to standard family

# News- Budgets and Programs

## ■ Administration Insight and focus

- Shift away from Expensive Weapons systems to more cost effective equally capable systems.
- Acquisition Reform
  - More Competition, less Sole Source, More SB
  - Dollars from various services to support the big picture
  - Wants faster fielding more “Fly before you buy”
  - 80% solution now versa 100% perfection
  - Rebuild procurement corps. Not just a AF/DoD Problem
  - More Organic capability – less outsourcing
- Future of Military Tactical aircraft will be F-35 and UAVs

## ■ All Programs on the table for review and possible cuts

- If it does not contribute directly to fight terror or irregular warfare possibly at risk.
- Move away from Supplements
- Launched QDR in Feb 09
  - Results plus FY11 Budget will define Obama Administration
  - Hints are in the FY10 “Reform Budget”
  - Congress has asked for an Independent review of QDR results
    - Budget driven exercise??

## ■ President signed new acquisition Reform

- Programs Terminated if exceed 50% of original cost

# AF 2010 Budget

- **President signed Defense Authorization Bill 30 Oct \$680.2B**
  - \$130B War efforts
  - Potential added appropriations issue on Second Engine for F-35\*
  - AF operating under CRA even though Obama signed Defense Authorization bill. Money has not flowed as planned for programs.
  
- **AF focus**
  - Irregular Warfare, joint fight, support to combat CCs
- **AF Budget \$160.5B**
  - Retire 254 AC (F-15, F-16, and A-10) over next 5 years
  - Reduce Fighter wings in 2010 by 3.5 Wings
  - Increase UAVs and Funding for MC. HC, C-130, CV-22 and (8) C-27
  - Increase Special Forces
  - Increase ISR
  - Halt AF personnel reductions, Total force at 333,000
  
- **Specifics “Reform Budget”**
  - C-17 shut down line at 205 AC\* (10-12 AC added)\*
  - CSAR-X Terminated, possible funds to readdress in QDR
    - CSAR may become a Joint operation
    - Gate’s directed study to look at potentials for Joint. Results near-term
  - F-22 Shut down line at 187
  - Transformational Sat’l Canceled
    - Funding for more proven technology platforms
  - F-35 Second Engine recommended Cancellation\*
  - ABL Reduced to one AC, Missile Defense program cut
  - No Funding for NGLRS 2018 Bomber
    - Funding for upgrades to B-1, B-2 and B-52
  - \$\$ for new flight software for F-16, A-10, Radar F-15 and modernization of F-22
  - Significant \$\$\$ for B-2 Modernization \$6-9B

NOTE: \* Congressional additives to Budget

# Budgets

## ■ Budget Crunch coming (2011-Beyond)

- Predictions – Sharp cuts in Defense Spending
  - Factors
    - Personnel Cost
    - Large ongoing procurement costs
    - Debt Serving
  - Signal will be end of Emergency Supplemental
    - Do not expect future supplemental to fill requirements
  - Over all budgets to level off and decrease in coming years.
    - Expect 4%-5% growth in near-term - level to negative going forward
  - Expect 30% cut in buying power by 2013
  - Expect tough decisions on new programs going forward.
  - SASC “Painful adjustments” expected to accommodate National Economic problems
  - AF wants early data rights to new products to allow ALC organic support.

## ■ Preliminary QDR input

- Expect Flat Budgets “Zero Growth” 2011-2015 “Gates”
- There is \$60B Shortfall in meeting Defense Plan FY11-15
  - Cuts in other non-essential programs to make up differences

## ■ FY 2011 Budget inputs submitted August

- Blend of Requirements/Preliminary QDR
- Spending plan thru 2015 included
- OSD and Services deliberating

## ■ Realignment of ~\$1.0B from All services to support Army Personnel build-up.

- Monies from Each Services Contingency FY10 Budget

## FY-10 Budget Cont.

- **Contractor support to DoD to be reduced by over 10%. More DoD Organic capability**
  - Realign 11000 Acquisition Contracting jobs to DoD
  - Hire 9000 Acquisition Officers
  - Hire 30000 new Civil Servants to replace support Contractors

# News –Budget and Programs

## ■ Top 5 USAF requirements:

- **KC-45A Tanker Replacement**
  - Pentagon procurement plan submitted to Congress on Schedule
  - DFRP Released 25 Sept
  - RFP expected Jan 2010
  - Award planned NLT June 2010
  - AF acquisition with “Robust OSD Oversight” “Best Value”
    - 179 AC – First AC to AF 2015 – IOC 2017
    - 15 year build in 5 Lots
  - NGC may pull out of Competition due to Changes in DRFP
  - KC-Y and KC-Z to follow – To replace remaining KC-135s and KC-10
- **CSAR-X – Terminated**
  - Gates directed Study to determine if Joint potential
  - Likely a joint program going forward
- **Satellites for Early Warning/Com - Refocused**
- **F-35 – Increased Production (2443)**
  - DoD focusing on cost and schedule growth that could impact delays in F-35 program.
- **NGLRS (2018) No Funding** Delayed until completion of QDR
  - FY11 Budget set money for R&D
  
- **AF focus going forward/Impacts**
  - Shifting to Irregular Warfare, USAF in a Support Role, “era of persistent conflict” IW strategy to be released this fall.
  - QDR to address force structure changes, due in Feb 2010

# Aircraft Activity-News

- **Last KC-135E 56-1503 Retired 28 Sept (161)**
  - 415 KC-135R Remain
- **NGC wins Multi-year \$3.8B CLS IDIQ for KC-10**
- **F-35 Bases - First look (Final Basing choices planned 2011)**
  - **Eleven Candidate bases have been selected**
  - **Bases included for training:**
    - Boise Air Terminal Air Guard Station Idaho
    - Eglin Air Force Base, Fla.
    - Holloman AFB, N.M.
    - Luke AFB, Ariz.
    - Tucson International Airport Air Guard Station, Ariz.
  - **The six bases selected as candidate bases for operations:**
    - Burlington International Airport Guard Station, Vt.
    - Hill AFB, Utah
    - Jacksonville International Airport Air Guard Station, Fla.
    - Mountain Home AFB, Idaho
    - Shaw AFB, S.C.
    - McEntire Air Guard Base, S.C.
- **F-15, B-1B, B-52H and C-17 all certified on Synfuels**
  - All AF AC certified 2011

# AF Personnel/Org. Changes

- **Gen William Fraser III New ACC/CC**
  - Gen Corley to retired Fall 2009
  
- **Ashton Carter replaced John Young Under SECDEF A&TL**
  - Wants all programs reviewed for performance and schedule
  - Pushing FFP Contracts going forward.
  
- **Global Strike Command Stood up 7 August**
  - HQ Barksdale AFB LA.
  - Lt. General Frank Klotz new GSC/CC
  - MAJCOM
  - Operating Budget \$4.2B Recent additives of \$750M
    - \$400M for nuclear infrastructure upgrades
  - Responsible for Nuclear mission for B-2, B-52 and ICBM
    - 450 ICBMs transferred to GSC 1 Dec
    - Nuke capable B-2 and B-52 to transfer from ACC to GSC Feb 2010
  
- **AFMC Reorganization**
  - Going back to Directorates, Divisions and Branchs versa WGS.
  - Implemented 30 June 2010
  
- **Cyber Security NAF**
  - Lackland AFB TX – Brooks AFB to close
  - Cyber Command sub-command under US Strategic Command



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