



U.S. AIR FORCE

Sept 2008

**USAF Liaison
Report**

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AGENDA

- Near-term ATE efforts/Studies/Contract Vehicle
- Logistics Transformation
- USAF ATS Policy/Transformation Updates
- VDATS Update
- USAF RE21 Status
- News
 - Budgets/Programs
 - USAF Modernization/Sustainment Programs
 - Changes in key USAF personnel

Near-Term ATE/Vehicles

- **F2AST WR**
 - 10 year \$6.9B IDIQ replacement for FAST 1
 - Awarded 23 July
 - [Primes \(12\) selected: SSAI, Boeing, LM, L-3, McC Brown, MTC/BAE, NGC, Raytheon, SAIC, SRC, DRS, SAIC](#)

- **F-15 ESTS Modernization**
 - ~\$40M upgrade effort over 3 year period
 - F-15 SPO WP running procurement/WR assist
 - RFP 7 July, award Jan 09
 - Competitive Small Business Set-Aside

- **A-10 Combined Armament Tester (CAT)**
 - Study completed Nov 07 (Not to be released to Industry at this time).
 - Spec to be defined as a possible launch point for a universal armament tester.
 - Program funding ~2010 ?
 - Requirements definition in work

- **AF/Navy review of Top Level ATE Systems**
 - Leverage existing major ATE platforms for the future needs

- **RFI VDATS**
 - Started as a TPS offload RFI April 08
 - BTP,PBA/ PBL additive modification 28 May
 - Industry Day 29-31 July
 - PBA/BTP IDIQ 8-10 year contract, FY 09 2nd Qtr. Procurement
 - Evolve into PBL
 - 50-70 Systems for WR and additional for OO and OC, WR to build initial stations
 - Building procurement plan, RFP Jan 09, Award Late 2nd Qtr 09, Could move right
 - [Potential Small Business Competitive Set-aside](#)

- **Hill AFB R-ATE IDIQ**
 - RFI May 27
 - RFP late 2008, TBD (Will likely move to the right)
 - ATE Replacement/Sustainment via a Services contract TBD
 - COI

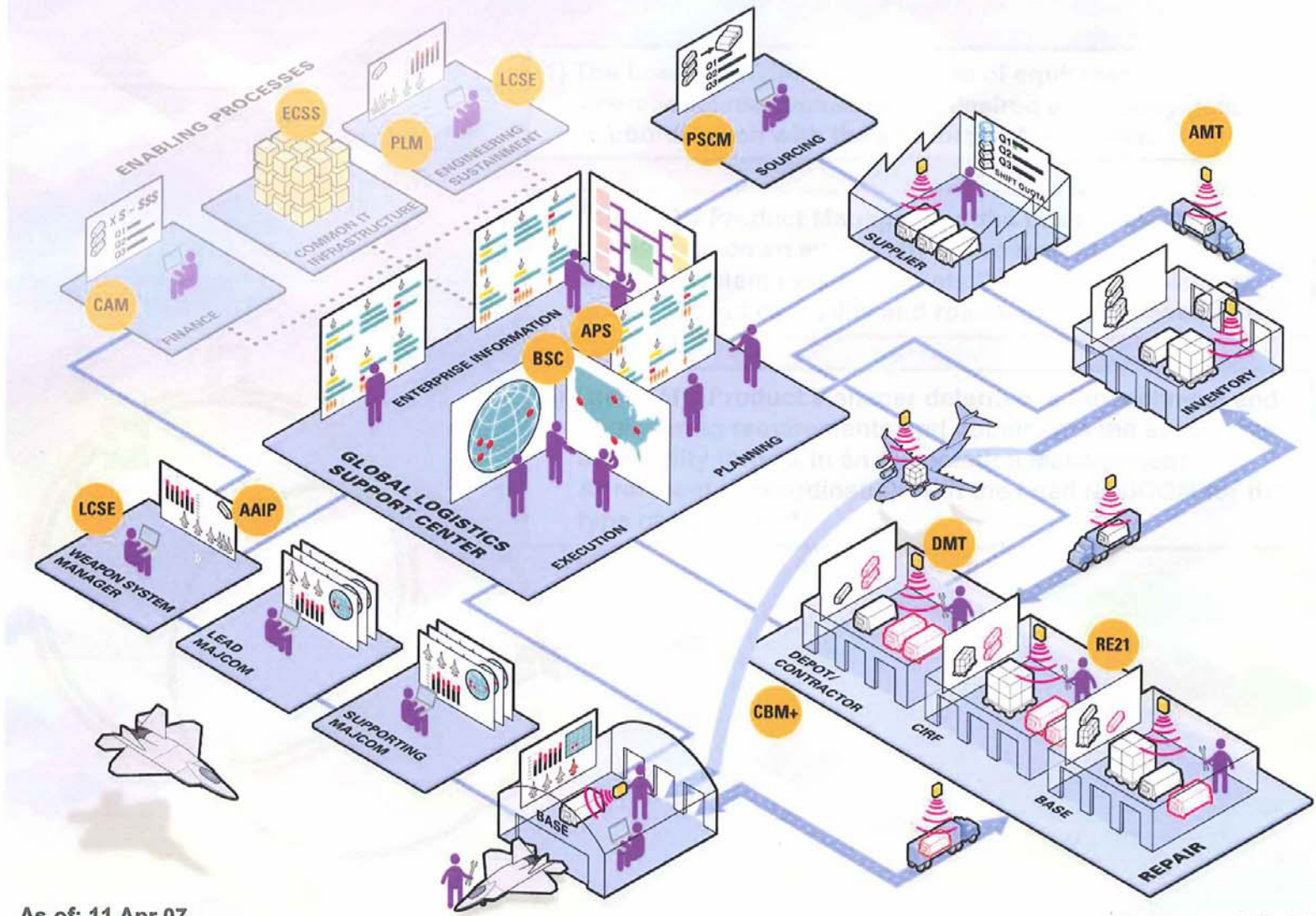
Logistics Transformation - News

- **GLSC and ECSS the new enterprise system for improving over-all supply chain Management.**
 - Global Logistics Support Center GLSC (The POC for all other functions noted) i.e. the quarterback. (USAF Lead Grove Dunn USAF/ILM), (AFMC BG Frank Bruno)
 - There will be a Pentagon Directorate for GLSC with Main HQ at AFMC.
 - Scott AFB the location of the [GLSC. Activated 20 Jan 2008](#)
 - Trying to get away from the stovepipe way of business
 - Consolidated Asset Management (CAM) and [contracting functions \(5 Regions\) Delayed](#)
 - Centralized Management of AMMO

NOTE: Will ultimately interface into similar Navy/Army programs

- **ECSS will enable a single data entry for Logistics info. (Will replace over 300+ existing databases)**
 - Initial ECSS on line by 2011
 - COTS tools, CSC leading roadmap effort
 - Many elements within ECSS, operational prior to 2013
 - AF will adapt Mx procedures to COTS systems
- **RE 21 Repair Enterprise (Regional repair Centers and ALC - field to depot repair support)**
 - SecAF has directed USAF to expedite the RE21 process. (2 Years)
 - ALCs stood up 1 Oct. 2007
- **Additional logistics USAFgoals**
 - Reduce deployed and CONUS footprint, reduce cycle and repair times
 - Reduce # of AFSC from 263 to 100 focus on Expeditionary operations
 - INTERDEPENDENCE between services, agencies and allied countries

AIR FORCE "TO BE" LOGISTICS PROCESSES



As of: 11 Apr 07

OPR: A4I

USAF ATS Policy/Plan

- **Col. French declared VDATS USAF ATS Family member 19 Sept 07**
 - SAF/AQ USAF, AFMC/CC signed off on new USAF ATS Policy letter 26 Nov 07
 - ATS Family for Depot support and New programs
 - Policy letter stating VDATS as USAF Tester
 - Desire that legacy ATE build software/hardware bridge to VDATS
 - VDATS replacement plan for older legacy ATE
 - Wants to implement PBL partnerships with industry
 - Test by the hour, Provide ATE Availability to USAF
 - Get the ALCs out of the ATE repair business/focus on generating LRUs/SRUs
 - 742 CBSG lead an AF ATS Roadmap effort in FY09
 - ATS PGM, ACC, AFMC, AMC Etc.
 - Support from USAF Leadership
 - **ALL ATE** will fall under control and Management of ATS PGM
 - OO/OC ATE to be managed by WR ATS PGM
 - Armament and EW Test migrating to the ATS PGM now
 - Col. French's Group to migrate to a new Wing Organization AFV&SE
 - Stand-up 1st QTR CY09 Location – WR
 - AFV&SE Col. Kessey Miller/French Groups, New CC TBD
 - Funding profile for ATS being realized
 - A4/SAF ATS PE assigned and coded for ATS FY 10
 - Funding is flowing for VDATS
 - \$22M in FY08 GWOT for VDATS to include an Integration Lab
 - \$270M being POM for out year VDATS requirements

Official USAF ATS Policy Letter



OFFICE OF THE ASSISTANT SECRETARY

DEPARTMENT OF THE AIR FORCE
WASHINGTON DC



26 November 2007

MEMORANDUM FOR: SEE DISTRIBUTION

SUBJECT: Air Force Guidance on Procurement of Automatic Test Systems and Equipment

In response to the General Accounting Office (GAO) Report, "Military Readiness: DOD Needs to Better Manage Automatic Test Equipment Modernization," GAO-03-451, March 2003, the Under Secretary of Defense republished DOD policy for Automatic Test Systems (ATS). The "Automatic Test Systems Joint Memorandum of Agreement (MOA) among the Service Acquisition Executives" (Sept 04) was restated, establishing Navy PMA-260 as the DOD ATS Executive Director and WR-ALC/LEA (now the 742nd CBSG) at Warner Robins Air Logistics Center as the Air Force ATS Leadership Office.

The central theme in the GAO report is the need for commonality in automatic test systems/equipment. Air Force ATS/ATE requirements, whether for new, replacement, modification, Organizational, Intermediate, or Depot, will be coordinated through the 742nd CBSG/CC at WR-ALC for approval. The 742nd CBSG will either provide a solution to a program's ATS requirement or process a waiver through the DOD ATS Management Board (AMB) for approval. The DOD AMB will provide the ATS/ATE selection and acquisition recommendations to the Milestone Decision Authority or designated acquisition authority for final approval if the ATS acquisition involves a deviation from ATS policy.

The DOD AMB designated the Air Force's Versatile Depot Automatic Test Station (VDATS) as a DOD approved Family of Testers during the AMB meeting on 19 Sep 07. Program Managers can find the DOD ATS Policy, including the DOD ATS Selection Process Guide and the list of approved ATS Family of Testers, at <http://www.acq.osd.mil/ats>. ATS policy will be updated incorporating the designation of the 742nd CBSG as the Air Force ATS Leadership Office and ATS Product Group Manager, replacing SA-ALC/LDA.

Our staff (SAF/AQXA, DSN 425-7100; AF/A4MY, DSN 227-0294; and 742nd CBSG, DSN 472-2100) is prepared to assist you with this process.

SUE C. PAYTON
Assistant Secretary of the Air Force
(Acquisition)

WILLIAM C. ANDERSON
Assistant Secretary of the Air Force
(Installations, Environment & Logistics)

BRUCE CARLSON
General, USAF
Commander, Air Force Materiel Command

KEVIN J. SULLIVAN
Lieutenant General, USAF
DCS/Logistics, Installations & Mission Support

DISTRIBUTION:
See Attached List

Versatile Depot ATS (VDATS)

- AF developed common core ATS
- Open system architecture with modular H/W & S/W design
- Level III drawing package
- COTS components
- Reduced maintenance footprint increasing workload capacity



VDATS Support Strategy is Performance Based Acquisition

Transformation Initiatives Integrated Life-Cycle Management Forum

- **Integrated Life-Cycle Management (ILCM) forum co-chaired by AFMC/CC and SAF/AQ met 05 Sept 2007**
 - **ILCM charter is to better integrate acquisition and sustainment across the AF enterprise**
 - **ATS was the only issue tee-up at the Sept 2007 meeting**
- **ILCM Action Items for ATS:**
 - **Issue an ATS Policy Letter to all SPDs/PGMs regarding the role of the 742d CBSG as the ATS Leadership Office for the Air Force and identify VDATS as the first standard family of AF ATS**
 - **Develop ATS RFP Checklist Information for acquisition programs**
 - **Develop SOO and cost estimates to develop a new ATS Roadmap**
 - **Develop a BCA for VDATS re-host activities -- \$270M starting FY11**
 - **Pursue AFSO21 Transformation and 3010 funds in FY09/10**

Transformation Initiatives

VDATS Maturation

- **FCA/PCA completed with participation from OO-ALC, OC-ALC, and AFMETCAL**
 - All level III drawings completed final format & style review
- **Formal CCB complete on DA-1, DA-2, RF-1 roll-up**
 - Software CSCIs still in work to include system software, wrapper, self-test, calibration, test executive with ECD of 01 Aug 08
- **VDATS program requirements beyond Robins AFB**
 - 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

Transformation Initiatives AF Vehicles and Support Equipment Agency (AFVESA)

- **742 CBSG has traditionally only managed common ATS**
 - **Weapon systems/specialized commodities have managed peculiar ATS (F-15, U-2, Electronic Warfare, Armament)**
 - **AFVESA will consolidate both common and peculiar ATS in a single organization for standardization – 742 CBSG**
 - **AFVESA Organizational Change Request will be submitted Oct 08**
 - **AFVESA stand-up 1st Quarter of CY09**
 - **AFVESA will accelerate ATS standardization across the AF**
 - **Organizational/Intermediate/Depot**
 - **Standardized diagnostics tool set at each level of maintenance**

Future Support VDATS PBA

■ **Vision: Link ATS availability to weapon system availability**

- **Consolidated Asset Management (CAM) process prioritizes funding requirements across the entire AF enterprise by weapon system availability**
- **CAM will enable the AF to surge readiness of some weapon systems and reduce readiness of others**
- **Ideal State: All weapon systems operating on a common diagnostic platform – move workload in real-time to meet AF changing priorities**

■ **PBA is a key enabler to ensure the availability of VDATS**

- **Leverage our industry partners supply network to manage daily availability and obsolescence**
- **Industry participation in VDATS build-to-print opportunities**

ATS Transformation Roadmap Plan of Attack

■ O-Level Maintenance – ID Families of Devices

- Reprogramming Tools
- Line Analyzers
- Armament Testers
- Flight Control Testers
- Nav/Targeting Testers
- Etc

Standard Testers by
Functional Area

■ Depot Level Maintenance – ID Standard Depot Testers Under RE21

- VDATS
- BRAT, LM STAR
- IAIS/RIAIS
- Etc. Others

Increase Production Flexibility
Focus on Generating LRUs/SRUs – Not Fixing ATE
Implement PBL Support to Buy ATE Availability

■ Future Weapon Systems – what diagnostic tools/technologies are required to support new priorities

- KC-X
- CSAR-X
- Etc

Synthetic Instruments
High Speed Fiber
Sensors

Looking for Industry input on new technologies

RE 21 Status

- **USAF Working Groups planning for CIRFs under RE 21**
 - Not tied to Navy FRC program, but will interface thru GLSC
 - Part of the Global Logistics Support Centers and LSC
 - Driving AF to a true 2-LM support structure, an eliminating I-Level at MOBs
 - More work to be pushed back to AFMC and ALCs
 - AFMC will own entire Supply and Maintenance repair chain
 - Ultimately USAF to stand up (10) CONUS CIRFs (5) Active, (1) ANG and (4) Integrated
 - Regional Supply Centers already established (1) Langley (1) Scott
 - SecAF directed AF to expedite RE21 (goal 2 years)
- **NOTE: First VDATS Based CIRF Kadena AB, Japan**
- **Bases Selected (still in work) for CONUS CIRFS**
 - Active
 - ANG/AFRES
- **Phase 1 focus on ALCs - Phase 2 more commodities and locations**
- **Consolidate SE at selected CIRF locations, excess eliminated from inventory**
- **Milestones for implementation of RE 21 Phase 1**
 - IOC FY 08
 - FOC FY 10
- **USAF leverage point for drive to Common ATE Families**

News –Budget and Programs

- In the process of building FY10 POM
 - USAF \$100B shortfall over next 6 years, \$310B DoD total
- Top 5 USAF requirements:
 - **KC-45A Tanker Replacement** - Awarded 29Feb 08 NGC/EADS (Airbus)
 - Boeing GAO Protest 11 March
 - GAO sustained Boeing Protest 18 June (Recommends New competition) 8/100
 - Significant Errors in Eval (AF 60 Days to respond)
 - 9 July SecDef Pentagon to rebid Tanker
 - USecDef, Acquisition, Tech, Logistics to run reibd. AF out of Procurement
 - No split, No Fly off
 - Goal Rebid and Award by end of CY 09
 - DRFP release 6 August (attempted to correct procedural and cost issues)
 - RFP near-term, 45 Day response, Discussions, B&F, Award by New Year. (The Plan)
 - Gates, First of 3 Phase procurement. (KC-Y KC-Z)
 - First AC on the ramp by NLT 2010
 - Initial award for upward of ~179 AC
 - Boeing concerns (Size of AC), NGC (Fair and non-political)
 - **CSAR-X** Re-solicit amended RFP Nov 07 – Award delayed (2 yrs and counting)
 - 141 Helos. Award possible in Oct. 08
 - **Satellites for Early Warning/Com**
 - **F-35**
 - First AC to USAF 2010
 - LRIP 2 Approved June 08 12 AC 6A/6B
 - Remains a congressional target
 - **NGLRS (2018)**
 - No 2009 \$, \$ 2010, Appears little National Will and USAF support.
 - AoA complete, Current technology as of 1 Jan 09
 - Potential merge with Prompt Global Strike Requirement (PGS)
 - Current technology, PGS ICBM with Conventional war head
 - Teams have formed
- **AF Strategic Plan**
 - **Unveiled Strategic Paper by Gen Mosley 7 Feb**
 - **Addresses USAF Air, Space, Cyber Space structure/vision beyond QDR for next 20 years**
 - **Expect a smaller CAF going forward**

News- Budgets and Programs

- **FY 09 Defense Budget submitted**
 - **Core Budget \$515.4B, \$36B and 7.5% higher than 08**
 - Total AF is \$143.9B, 7% higher than FY08
 - **Total \$651.2 (\$705.7)* with plus-ups for war (Highest since WWII)**
 - **No action FY 09 Defense Budget until after election**
- **Highlights**
 - **Procurements \$104B, \$21.4B for AF**
 - **R&D \$80B, \$20B AF**
 - **\$68B Com & Mission Support Systems**
 - **\$45.6B Aircraft**
- **\$18.7B Unfunded AF Requirements Highlights FY 2009**
 - **\$3.9B (15) C-17 Decision deferred to next Admin**
 - **\$1.1B (4) F-22 plus Material for (~20+)? Decision on F-22 deferred to next administration**
 - **\$800M (5+6) F-35**
 - **\$275M A-10 Engines**
 - **\$438M F-15 Modifications**
 - **\$600M More Global Hawks**
 - **\$668M Depot Mx**
- **AF still short \$20B a year, for AC recapitalization needs**

NOTE: Subject to Congressional approval – TBD

AF expects future Budgets to be lower

News- Budgets and Programs

- FY 09 Defense Budget status to date
 - Core Budget \$515.4B reduced by HAC to \$487.7B

- Highlights of House input:
 - F-35 \$785M but proportioned to provide:
 - Second Engine development
 - Risk reduction Fund
 - Less money for Airframe production
 - OO selected as Depot for F-35
 - KC-45 \$893M
 - F-22 Funding for 20 additional Aircraft plus \$523M for long leads for 20 more.
 - \$943M for significant increase in Civilian workforce, bring work in house, Less outsourcing
- Full Appropriations resolved by Sept.??
 - Likely continuing resolutions until after elections

News- Budgets and Programs

- **FY 08/09 \$162B Supplemental Budget approved 29 June**
 - **Funds war and selected unfunded requirements**
 - **\$99.5B FY08**
 - **\$65.9B FY09**
- **Highlights**
 - **\$3.6B (15) additional C-17 Note: AF did not request**
 - **\$2.4B (34) C-130J**
 - **AF request for JSF Omitted**
 - **\$825M for ANG/ARFES requirements**
 - **Additional FA-18E/F and V-22**
 - **Big increases in Army vehicles, IED protection and Jamming/Detection devices.**
- **SecDef redirects \$1.3B from all services for ISR Requirements**

Modernization/Sustainment

■ Modernization/Sustainment efforts (See FY 09 Unfunded Requirements)*

■ F-22 is ramping up next base at Elmendorf Alaska, Hickam AFB, HI

- There will be initially 7 Squadrons
- 116 AC delivered to date
- F-22 FOC 12 Dec 07 Fully Combat Ready

■ JSF program LRIP 19 April \$275M, LRIP 2 - June 08 \$2.2B

- First AF Mx cadre at Edwards/Eglin to begin training
- First STVOL flew 13 June
- 2010 first USAF AC
- 2015 FRP Planned, Automated moving line (1 AC per day)

NOTE: F-15 Grounding could have impact going forward on F-15 Fleet and F-22 decisions

- Bulk of fleet back in service
- Aircraft to go thru a full Fatigue test/analysis
- \$ saved from F-22 line shut down possibly spent on Rehab F-15
- Start retirement of A&B this year and into FY09 (49) AC

■ F-16 Retirements FY08-FY09 (80) AC

■ F-117 Retired and out of fleet May 2008

■ KC-135E retire (80) AC by end of Sept 08

■ C-17 Production funded in recent Supplemental

- Last funded C-17 Aug 2009, (No funding in 2009 Budget, 15 AC in Supplement
- Boeing awarded \$1.3B 5 year extension on PE/PI in Jan 08
- FMS: Canada, UK, Australia, Qatar

■ C-130J production continues for SOF requirements want ~115 AC

■ Major upgrades to E-3, JSTARS (ISR), C-5 along with F-22 and F-35 ISR

■ Expand UAV fleets (AF pushing to manage all UAVs) Looking beyond Predator

■ B-52 EW Jammer (SDD Funded) E-10 back on the table

■ C-27J Joint Cargo Aircraft First flight 17 June

- Multiple FMS sales to date
- Potential Team problems that could impact US Build location

■ MV/CV-22 Multi year production award \$10.4B 141/26

■ There has been a ~15% reduction in USAF Aircraft Mission Readiness at a cost of 87% increase in Dollars to sustain an older fleet.

■ Depot \$ for Maintenance now funded at 74% of the requirement.

AF Personnel Changes Plus

- **New SECAF and Chief of Staff**
 - Michael Donely new Sec AF,
 - General Norton Schwartz new Chief of Staff USAF
- **MG Owens Transferred to WP to become new Logistics lead for AFMC**
 - New WR-ALC CC MG Polly Peyer
 - Marty Tucker to WR Production, New ATS PGM Deputy Wendy Johnson
- **Top AF Priorities for New SECAF and Chief**
 - GWOT
 - Fix Nuclear Enterprise
 - Address Shortage of UAVs/ISR in War Zone
 - Repair Acquisition System
 - Recapitalize the Fleet
- **SECDEF halted AF reductions and increase authorizations**
 - More Maintainers and Special Ops
- **AF plans to certify FT Fuel on all USAF aircraft by 2011**
 - Accelerating program
 - USAF and Eielson AFB in Negotiations with Alaska to build F&T Refinery on Federal Land
 - F-22 GTL



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