



**U.S. AIR FORCE**

**10 Sept 2017**

**USAF Liaison Report**



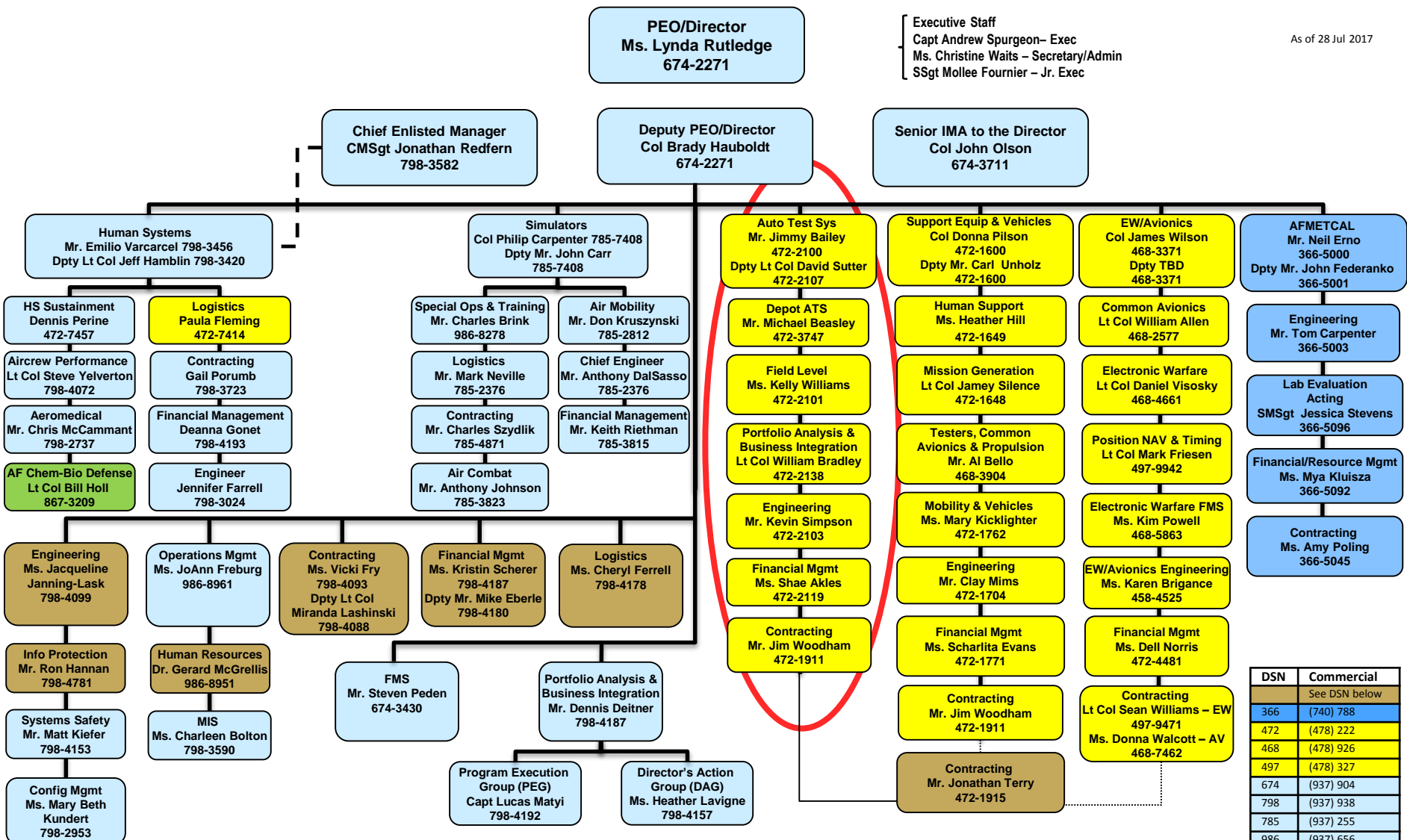
# Agenda

- ATS/PGM Update
- AF Budget
- AF News
- Future Programs impacting ATS Requirements

# Agile Combat Support Organizational Chart

Executive Staff  
 Capt Andrew Spurgeon – Exec  
 Ms. Christine Waits – Secretary/Admin  
 SSGT Mollee Fournier – Jr. Exec

As of 28 Jul 2017



DSN	Commercial
	See DSN below
366	(740) 788
472	(478) 222
468	(478) 926
497	(478) 327
674	(937) 904
798	(937) 938
785	(937) 255
986	(937) 656
867	(410) 417

**Color Legend**

- Senior Functional (Brown)
- Aberdeen MD (Green)
- WPAFB (Blue)
- Robins AFB (Yellow)
- Heath OH (Light Blue)

# Legacy FoT Opportunities

## ■ VDATS® Progress

- **VDATS® Core Configurations:** DA-1 and DA-2
- **VDATS® Production Deliveries:**
  - 124 VDATS fielded to date--24 DA stations in manufacturing for upcoming legacy/new rqmts
- **VDATS® Customers:** AF Depots (Robins ALC, Tinker ALC and Ogden ALC), Tobyhanna Army Depot, BAE and currently one intermediate level location
- Approximately 1,064 TPSs developed & approved for use on VDATS® to date
- VDATS® currently supports over 30 weapon system program workloads for numerous weapon system platforms including:
  - A-10, AC-130U, B-1B, B-2, B-52, C-130J, C-17, C-5, E-8 (JSTARS), F-15, F-16, KC-135, MC-130H, Navy: EP-3, P-3C, SH-60B, UP/VP-3A, Navy Ships, OC-135, and UH-1N
- Recent Program Activities
  - M9 Series Digital Test Instrument (DTI) obsolescence; being upgraded to a Di Series DTI card
  - Accepted new orders from General Atomics Predator/Reaper/EFIU & Predator/Reaper L-3 COMM

All TPS efforts (Contractor or Organic) must be developed IAW the VDATS® TPS Style Guide & MIL-PRF-32070A

# Legacy FoT Opportunities cont

## ■ JSECST Progress

- Production of 670A testers: 57; Retrofit kits: 170 delivered to date
- CCB approval for retrofit kit installation completed Nov 2016
- Robins AFB Depot kit installed: 6 retrofits to date

## ■ CBATS Progress

- PXI based systems with 2 configurations
  - 101: (70) deployed at Hill AFB and Kadena AFB
  - 201: (60) deployed at Hill AFB, Kadena AFB, and Robins AFB
    - CBATS DXR Roll-up – In-use at Ogden ALC

# New USAF FoT Opportunities

## ■ Recently Inducted Air Force FoTs

### ■ Bomber Armament Tester BAT (O-Level Testers/ I-Level Testers)

- BAT (B-52/B-1/B-2); decrease the number of testers for each platform
- Source Selection extended; Contract Award Sep 2017

### ■ Advanced Radar/Electronic Warfare Test Station (ARTS)

- 13 of 24 total systems delivered to the field
- TPS development ongoing

### ■ Common Munitions Bit/Reprogramming Equipment (CMBRE)

- CMBRE SLEP is an ongoing development to address obsolescence

### ■ Common Aircraft Portable Reprogramming Equipment (CAPRE)

- CAPRE Secure MLV initiated to enhance cyber security & rehost F-16 MLV req's

# ATS PGM Updates

## ■ ATS Future

- **Common Armament Tester- Fighter (CAT-F)**
  - Requirement development

## ■ ATS Challenges

- **Cyber Security (aka Information Assurance)**
  - Requirement for ALL ATS systems
  - Improvements for legacy ATS
  - Standards needed for future ATS acquisitions

## ■ ATS Leadership

- **ATS Program Office Chief: Jimmy Bailey**
- **ATS Deputy Chief: Lt Col David Sutter**
- **ATS Deputy Chief Nuclear: David Hand**

# Air Force Budget Status: Sept 17

- **FY18 AF Budget Request: \$182B**; FY17 \$167B (Base + OCO)
  - HASC/SASC approvals, still needs full Congress/President approval.
  - HASC/SASC **87/94 F-35s, 18/17 KC-46, 6 MC130J, 1 HC130J, and preserve 3 A-10 SQs and begin retirement mid-2020s**
  - HASC/SASC FY18 DoD Budget \$696B/\$700B including OCO.
    - Senator John McCain, chairman of the senate armed service committee has proposed a \$640 billion FY18 base defense budget
  - **CR likely**
- **WASHINGTON (AFNS) – Per acting Air Force Secretary Lisa Disbrow:**
  - The Air Force is “investing heavily” in legacy weapons systems to increase performance in areas of targeting, communications and survivability.
  - U.S. Air Force **amended their FY17 budget request** to set priorities supporting this modified strategy
- **Air Force recently announced the Northrop Grumman B-21** program, will be a minimum of 100 bombers. Previous statements indicated the AF would need 80-100 B-21 aircraft



# AF Budget

- Senate panel approves \$1.2B to start **USAF OA-X Procurement, 350AC. Potential ATS opportunity**
  - Chief of Staff General Goldfein and SECAF agreed saying, “I’m not interested in something that requires a lot of research and development, I’m looking for something that **I can get right now.**”
  - Evaluation of competing AC at Holloman AFB completed 30 Aug.
    - A-29, AT-802, Scorpion, AT-6
  - Acquisition is still TBD
- Nuclear Modernization has come to the forefront recently. The Air Force maintains **2 of the 3 legs of the nuclear triad**. During AWS17, General Goldfein was asked if the AF could afford to modernize the arsenal, he stated “I don’t think we can afford not to modernize it.”
  - Nuclear modernization should include upgrades or modifications to support equipment that is also well past its service life
  - GBSD Grd Based Strategic Deterrent, **2 design contracts to replace Minuteman 3**
  - **B-61-12 life extension** to replace 4 older versions, to be complete by 2020, carried on B-2, B-21, and F-35. **To utilize current or approved WPN System testers**
  - **LRSO (Long Range Standoff Missile)** replacement for the U.S. Air Force's AGM-86.
    - LM and Raytheon in design and development phase
    - Test infrastructure is 30+ years for the legacy ALCM

# AF Budget/News

- The Air Force received additional funds to support an increase in end strength from 317,000 to **321,000 in FY17, FY-18 request for 325,000 force**
- **F-16 and C-130 modernization programs continue**
- T-X AF trainer award maybe delayed due to CR
- AF looking at Artificial Intelligence to help make Budgetary decisions in the future. Utilizing a DoD program called **Defense Innovation Unit Experimental (DIUx)**

# AF News

- U.S. Air Force continues to struggle with personnel shortfalls: **shortage in maintenance (3500), pilots (1551), acquisition, and contracted personnel**
  - Reduction from 134 Fighter SQ to 55 “a grave mistake” AFA President
- New SECAF Heather Wilson looking for ways to streamline processes
- Air Force Materiel Command slowly recovering from Hiring freeze of 2013.
- AF is expected to **retire the MQ-1 in early 2018**. Remotely piloted operations will continue for the more capable MQ-9. The MQ-9 has **increased speed, high-definition sensors and increased payload** over the MQ-1.
- Debate over a new Space Command Service continues, SECDEF and SECAF appealing to Congress to drop the idea
- Fight over another BRAC also continues

# Future Programs Impacting ATS Requirements

- Modernization of legacy weapons systems including F-15, F-16, and Minuteman missiles **all require ATS to support this effort**
- Continued procurement of new weapons systems including F-35, KC-46, MQ-9 and B-21 **all have ATS requirements**
- Next Gen Fighter “not a fighter” a flying sensor platform with a lot of weapons and long range to enable existing fighters. Defense News
- AF to utilize in stock 747-8s for next Presidential AC: to be operational in 2024
- Blackwater has submitted a Proposal to Afgan Gov to provide “turn-key composite air wing” to support Afgan AF
- Pentagon wants to reorganize acquisition, technology and logistics organization to emphasize getting more capability sooner at affordable cost.
- 31 Years ago in Oct, First SAC B-1B went on Strategic Nuclear Alert.
- **USAF celebrates its 70<sup>th</sup> Birthday on 18 Sept**

# Discussion

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