

NDIA Automatic Test Committee

USAF Liaison Report

17 March 2022

William C. Williams II – USAF ATS Product Group



Agenda

AFLCMC... Providing the Warfighter's Edge



- **ACS Leadership**
- **ATS Mission and Vision**
- **ATS Leadership Team**
- **ATS Operational Organizational Structure**
- **COVID-19 Impacts**
- **The Way We Do Business**
- **Challenges**
- **Summary**



ACS Leadership

AFLCMC... Providing the Warfighter's Edge



Revised: 08 Feb 22

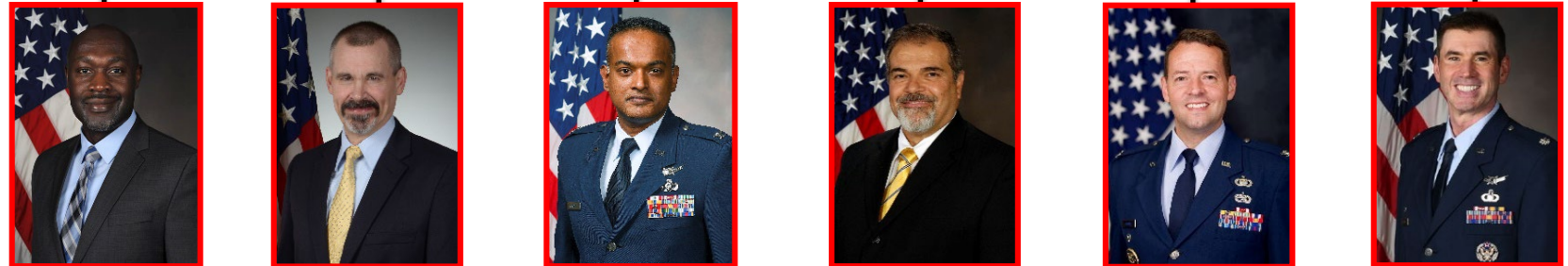


CMSgt Theodore Angel
Senior Enlisted Advisor

Ms. Lea Kirkwood
PEO/Director

Kevin Keck
Deputy Director

VACANT
Sr IMA to Directorate



Mr. William Williams
Chief, Auto Test Sys

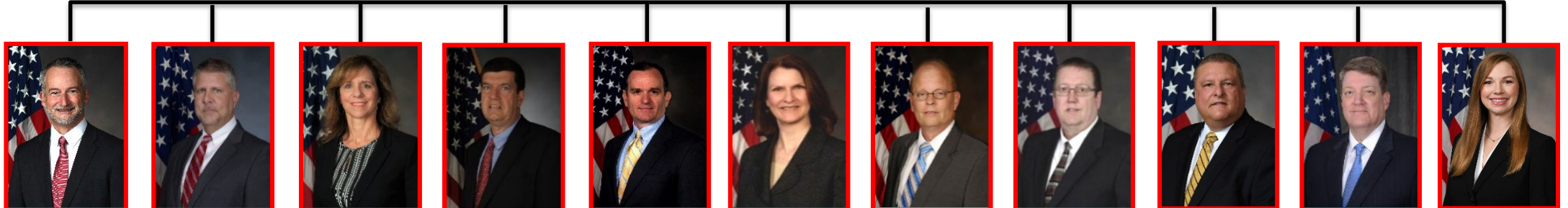
Mr. Carl Unholz
Chief, AFMETCAL

Colonel John Kurian
Chief, Simulators

Mr. Emilio Varcarcel
Chief, Human Systems

Colonel Gregg Jerome
Chief, EW & AV

Colonel James Brenning
Chief, Spt Equip/Veh



Mr. Phil Marcum
Chief,
Contracting
WPAFB

Mr. Marty Ledden
Chief,
Contracting
Robins AFB

Ms. Lynne Leftwich
Chief,
Financial
Management

Mr. Alvin "Clay" Mims
Director of
Engineering

Mr. Neil Erno
Chief,
Logistics

Ms. JoAnn Freburg
Chief,
Management
Operations

Mr. Dennis Deitner
Chief,
Portfolio
Analysis

Mr. Ron Hannan
Chief,
Security

Mr. Michael Duron
Chief,
FMS

Mr. Jeffrey Thetford
Chief,
Intelligence

Ms. Eryn Turckes
Chief,
Test



Mission and Vision

AFLCMC... Providing the Warfighter's Edge



Mission:

Provide and sustain world class enterprise test solutions that maximize warfighter core capabilities

Vision:

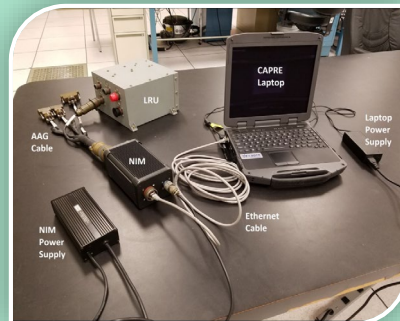
Transform ATS / ATE to a common Joint Technical Architecture (JTA) across Air Force enterprise—transportable to DoD; offers a state-of-the-art test solution and keeps the warfighters' equipment mission capable



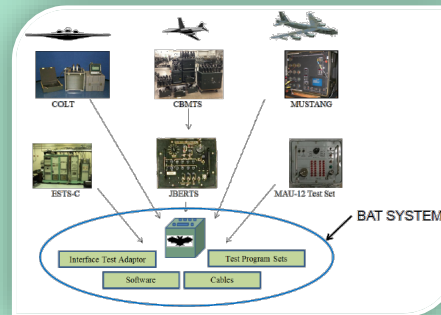
Versatile Diagnostic ATS (VDATS)



Common Aircraft Portable Reprogramming Eqpt (CAPRE)
Secure Memory Loader Verifier (SMLV)



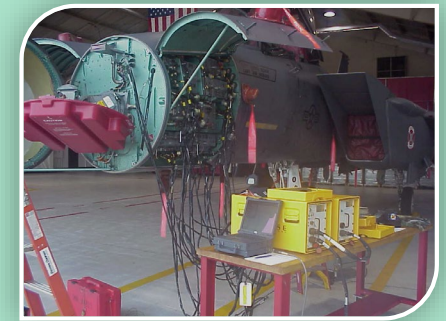
Bomber Armament Tester



Oscilloscopes



F-15 Radar System Interconnect Testing

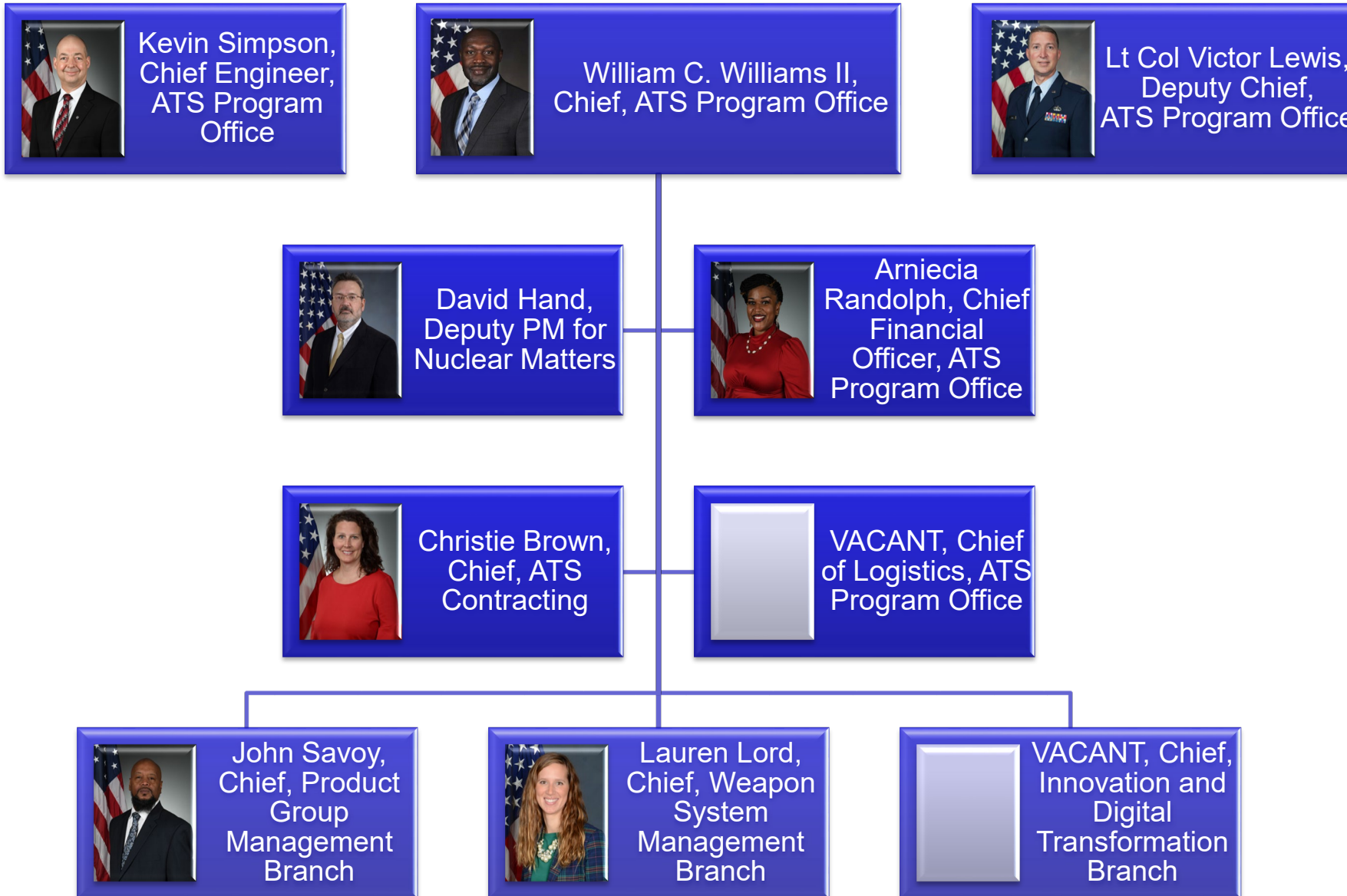




ATS Leadership Team



AFLCMC... Providing the Warfighter's Edge





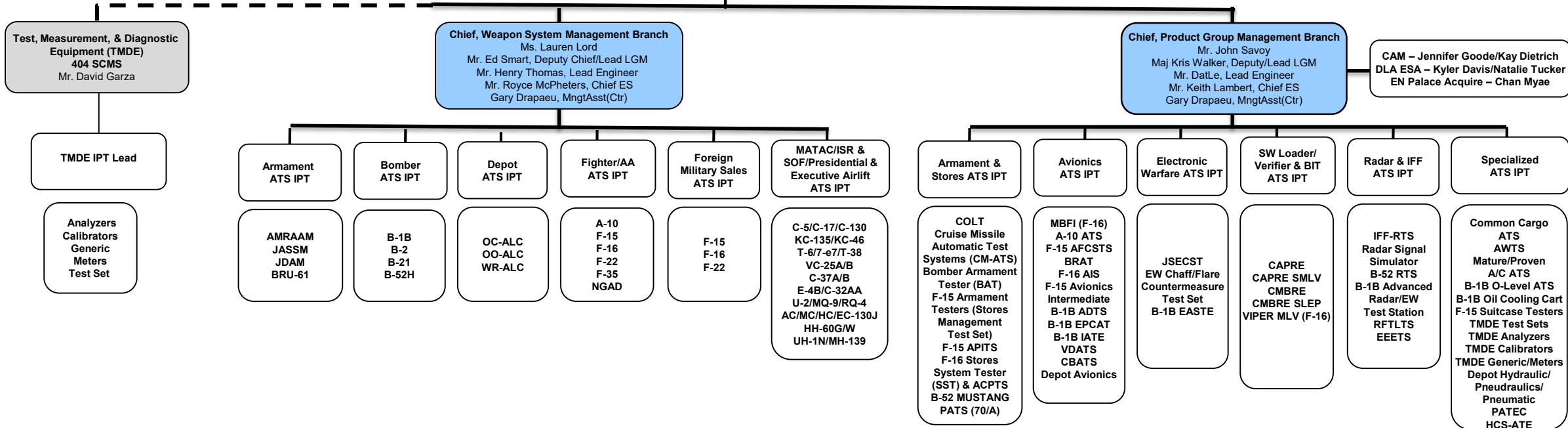
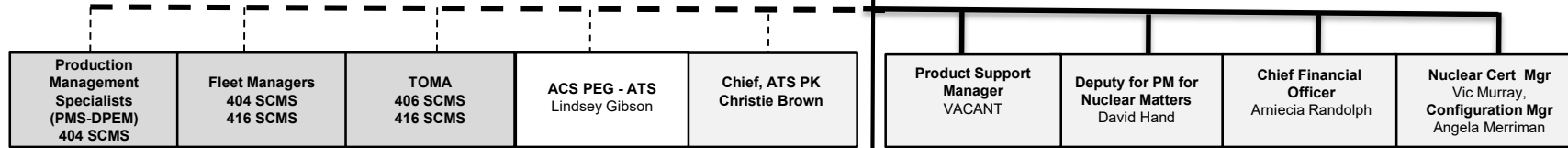
ATS Operational Organization Chart

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CHIEF: WILLIAM C. WILLIAMS II
DEPUTY CHIEF: LT COL V. SCOTT LEWIS
CHIEF, ENGINEER: KEVIN SIMPSON

CC Action Grp IPT
 Sharon C. Ward



Integrated Product Teams Supporting 7,775 Configured Items



USAF ATS – COVID-19 Impacts



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- **AFLCMC/WNA personnel continue to telework; some personnel in office**
- **Continue to engage with contractors via Teams**
- **Travel authorized based on program needs; evaluated on a case-by-case basis**
- **Minimal impacts to programs**
- **Will continue to provide and sustain world-class test enterprise solutions to increase warfighter capability**



Challenges

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- **Developing into AF's ATS provider of choice; improve customer service and responsiveness**
- **Focusing on capabilities to improve posture against pacing threat; supporting Persistent Logistics**
- **Accelerating ATS Digital Transformation; adopt MBSE, agile SW development, & open systems architecture**
- **Infusing game-changing technology into new and legacy ATS enabling Agile Combat Employment**
- **Increase digital training of the workforce**
 - **Leverage digital training curriculum for Functionals**
 - **Support for IDE tools and architecture**



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Product Group Management Branch

- ~90 mbrs; \$344M in OA for 350 ATS for DoD / partner nations
- **LCM for 12 ATS prgms; 4 ACAT Ills plus 6 ATS capes**
 - Avionics
 - Armament & Stores
 - EW
 - Radar & IFF
 - SW Loader/Verifier
 - Specialized
- **Develops product roadmaps to modernize/upgrade ATS and drives to common solution within product group**
- Single face to contractor/organic ATS provider

Weapon System Management Branch

- ~60 mbrs; \$244M in OA for 350 ATS for DoD / partner nations
- **Single face to the customer/key stakeholders**
- **Develops customer capability roadmaps and drives to common solutions**
- Transition of F-35 to VDATS
- Guides and supports the customer's ATS acquisition
- **Implements ATS Standardization and Waiver policy/process**

Digital Transformation and Innovation Cell

- ~10 mbrs; manages SBIR/STTRs
- **Investigates new tech concepts across ATS capes to infuse game-changing technology into ATS**
- Leads AFRL Technology and Modernization Program
- **Digital Transformation Lead; 6 Initiatives**
- **Leads ATS Flight Line of the Future (FLoF) efforts**
- DoD ATS Management Board Initiatives
- **Initiate Advanced Programs; CAT-F**
- **Develop ATSA I Strategic Contract**



USAF ATS – Current Program Highlights and Future Trends

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- **ATS Acquisition I Multi-Award ID/IQ contract encompassing full life cycle management**
- **Common Armament Tester – Fighter to provide reliable, nuclear-certified, cyber-resilient armament tester for F-15, F-16, w/potential expansion to A-10, F-22, & MQ-9 fleets**
- **Aircraft Smart Weapons Test Set to provide lightweight, hand-held, battery/aircraft powered, universal, configurable/programmable common test set capable of integrating into the Flight-Line of the Future**
- **Common ATS to streamline current inventory and existing capability gaps with lighter, leaner, smaller mobility footprint required by Agile Combat Employment**



Summary

AFLCMC... Providing the Warfighter's Edge



- **Enterprise management of ATS – support multiple weapon systems**
- **Re-organized portfolio to provide better customer service and accelerate digital transformation**
- **Focused on delivering ATS relevant in High End fight**