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Air Force Life Cycle Management Center

Fighters & Advanced Aircraft Life Cycle Industry Days



Brig Gen Dale White
Program Executive Officer

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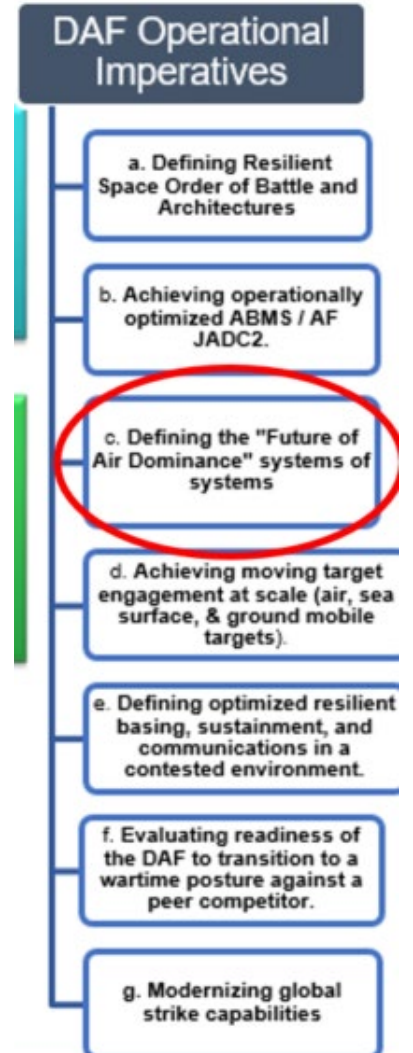
F&AA Imperative



“We’re the dominant military power until you get within about 1,000 miles of China, and that starts to change.”

- ...[his] priorities are “China, China, and China”—and said the Air and Space Forces are the key national security instruments to match and deter China’s capability
- “I am oriented on the high-end threat. If it doesn’t make China frightened of us, then we’ve got to really think carefully about why we’re doing it...”

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F&AA Portfolio

FIELDIED USAF FLEET



A-10
281 Aircraft
10 Configs

F-15
450 Aircraft
9 Configs



F-16
936 Aircraft
77 Configs

F-22
186 Aircraft
2 Configs



1,853 Fighters, 98 Configs

INTERNATIONAL PARTNERS



F-15 FMS
621 Aircraft



A-29 FMS
32 Aircraft



F-16 FMS
1,858 Aircraft

2,483 FMS Aircraft



NEXT GENERATION ADVANCED AIRCRAFT



**Next Generation Air
Dominance**

Skyborg / Vanguard

Other Programs



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Top Issues

- **Balancing modernization/ maintenance of existing capacity while investing in new capabilities**
- **Establishing a culture where digital infrastructure, open architecture and DevSecOps rewards innovation, holds contractors accountable, and leverages state of the practice requirements**
- **Transforming our people, processes, and infrastructure to keep our acquisition airmen in fight and thriving in the post-COVID environment**



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Roadmap

- **Accelerating Change at every level**
 - Focusing on affordability & lethality through innovation
 - Think Strategically & Execute Tactically
- **Pulling technology maturation, invigorate industrial base, and emphasize on/off ramps for capabilities**
- **Striving toward the Digital Trinity**
 - Digital Engineering, Open Architecture, Agile Software
- **Continue to support and leverage International Partner investments**



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F&AA - Anticipated Opportunities

A-10 Warthog: Strategic parts sourcing, engineering support and modification install teams; mandates and viability upgrades

F-15: Acquire EX aircraft with Open Mission Systems, Artificial Intel, Manned/Unmanned Teaming; legacy service life extension programs and continued FMS partner development

F-16 Falcon: Electronic Warfare Development / Radar Modifications, 3D model proposals and FMS partner development

F-22 Raptor: Improved Sensor Capabilities / EW capabilities, range, secure communications resilient navigation and new weapons

Collaborative Combat Aircraft (CCA): Un-Crewed weapons systems leveraging autonomy and working with current and future aircraft in support of penetrating counter air

Next Generation Air Dominance (NGAD): Family of Systems designed to outpace the threat in the HCE through the use of digital engineering and open system architecture

