



# Fulfilling PACAF's Vision

(Agile, Accurately Postured, Undeterred, and Lethal)

## Change the Paradigm

- An evolving threat demands an evolving response
- Build effective collaborations (AF, Jt Force, A&Ps)
- Open architectures and interoperability
- Leverage all innovation
- Accelerate change

## Transition near-term, high TRL solutions

- Modernize the force - Some capability now!
- Test in the AOR – Warfighter input is vital

## Influence mid to long-term S&T

- Engage with AF & DOD processes
- Experiment in relevant scenarios



DAF Operational Imperatives  
PACAF Strategy  
ACE CONOPS



**There's no shortage of novel technology or operators who need it.  
The challenge is transitioning and fielding it in our AOR.**

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# ***“Moving Faster to Innovate ...”***

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## ***... at the AF level***

- **Aligning priorities and defining the details – HAF, SAF, L-MAJCOMS**
- **Leveraging/guiding AF experimentation funds**
- **Informing AFRL and the S&T community on PACAF priorities**

## ***... at the CCMD level***

- **Working OUSD Joint Force funding opportunities**
- **Coordinating with Joint Force partners on AOR exercises**
- **Advocating for collaborative R&D with allies and partners**

## ***... at the MAJCOM level***

- **Inserting tech directly into operations**
- **Building S&E and PACAF ops relationships**
- **Leveraging tech used in other AORs for the Pacific AOR**
- **Performing operational assessments in the AOR**

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# SAF/HAF Priorities



## DEPARTMENT OF THE AIR FORCE OPERATIONAL EFFECTIVENESS IMPERATIVES

1. Defining resilient space order of battle and architectures (defensive and offensive).
2. Achieving operationally optimized ABMS / AF JADC2.
3. Defining the Next Gen Air Dominance systems of systems (AMTI, sensors, comms, C2, weapons, & uncrewed aerial vehicles).
4. Achieving moving target engagement at scale (air, sea surface, & ground mobile targets).
5. Defining optimized resilient basing, sustainment, and communications in a contested environment.
6. Evaluating readiness of the DAF to transition to a wartime posture against a peer competitor.
7. Defining the B-21 Long Range Strike family of systems.

## AIR FORCE DESIGN ELEMENTS TO ACHIEVE OPERATIONAL EFFECTIVENESS

1. Autonomous Collaborative Platforms – ACPs (#2 #3 #4 #5 #6 #7)
2. Advanced Munitions (#3 #4 #6 #7)
3. Mass Effects (Palletized Munitions, etc.) (#4)
4. Airborne Moving Target Indicator – AMTI (#1 #3 #4 #7)
5. Advanced Battle Management Systems – ABMS (#2 #3 #4 #5 #7)
6. Synthetic Operational Test & Training Infrastructure – OTTI (#2 #3 #4 #6 #7)
7. Base Defense (#5 #6)
8. Future Tactical Lift (#5 #6)
9. Alternative Position Navigation & Timing – PNT (#1 #2 #3 #4 #7)
10. Agile Combat Employment – ACE (#5 #6)

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# ***PACAF Priority Focus Areas***

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- **Effective Base Defense**
- **Air Superiority**
- **Precision Attack**
- **Prep the Theatre**
- **JADC2/ABMS, C2**
- **Agile Combat Employment: Expeditionary and Agile Enablers**

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***Integrity - Service - Excellence***



**U.S. future is inextricably tied to  
the Indo-Asia-Pacific.**

***-2018 National Defense Strategy***