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

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

DAF Operational Imperatives
PACAF Strategy
ACE CONOPS

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“Moving Faster to Innovate …”

... 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

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

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U.S. future is inextricably tied to the Indo-Asia-Pacific.
-2018 National Defense Strategy