

Key Capabilities for the Air Force We Need



(U) Absent change, our presumed advantage will continue to erode, and the U.S. Air Force will not be adequately prepared for the warfighting challenges in contested environments. Absent change, our Nation will assume increasing risks to our mission and our forces.

Accelerate Change or Lose
Gen Brown, 22nd Chief of Staff of the Air Force

Connect the Joint Force

Win the decision superiority contest

Generate Combat Power

Project a superior mass of resilient and decisive domain-agnostic effects

Conduct Logistics Under Attack

Guarantee a seamless, protected, culmination-preventing system of systems

Key Capability	Definition	Parameters
Agile Combat Employment (ACE)	Hub and Spoke / Cluster Base Operations / rapid dispersal and aggregation [Linkages: ABMS, Base Defense, LUA, Future Tactical Lift]	Resiliency achieved through training, dispersal, deception, redundancy, and selective hardening.
Autonomous Collaborative Platforms (ACPs)	Advanced sensor-to-shooter kill chains and manned/unmanned teaming. [Linkages: ABMS]	Low-Cost, reusable aircraft with open-systems architecture and modular configuration. Reduced runway dependence.
Advanced Battle Management System (ABMS)	Agile, resilient & integrated joint Command & Control solutions to accelerate decision-making across all domains. [Linkages: Airborne Moving Target Indication]	Digital, high-tech capabilities to rapidly collect, analyze and share information for real-time decision-making. Advanced computing, AI/ML.
Base Defense	Organic, layered defense of critical power projection infrastructure. [Linkages: ABMS]	Organic, integrated passive/active, kinetic/non-kinetic systems at the installation level that bridge the defensive gap to theater air and missile defense capabilities.
Alternative Position, Navigation and Timing (PNT)	Diverse & robust PNT signals, superior crypto, and resilient end user equipment.	Diverse and robust PNT signals; User equipment transforms to accommodate diverse and robust signals. Advanced computing.
Synthetic Operational Test & Training Infrastructure (OTTI)	Threat/AOR-representative all-spectrum synthetic training system-of-systems with deliberate conceal/reveal attributes. [Linkages: ABMS]	Multi-classification, low/no-latency, Joint & Combined architecture. Advanced Computing.
Advanced Munitions	Weapons inventory with calculated mix of networked, collaborative, and autonomous capabilities. [Linkages: ABMS, ACPs]	Accelerated and adaptive Joint Fires employment that enables long range kill chains. AI/ML.
Palletized Munitions	Generate mass fires from non-traditional launch platforms. [Linkages: ACE, Advanced Munitions]	Employ a range of weapons via self-contained, roll-on/roll-off palletized system.
Future Tactical Lift (HSVTOL, Rocket Cargo)	Mobility platform with speed, capacity & survivability to enable versatile distribution capabilities in order to enable point-of-origin to point-of-need movements in a contested environment. [Linkages: ABMS, LUA, SOF, PR]	Family of systems meeting Multi-capable Distribution Platform Concept; Achieve payload, range, survivability, speed, altitude to collectively meet mission requirements; attributable platforms where risk is overwhelming.