

Installation Infrastructure ACTION PLAN



“ Air bases are a determining factor in the success of air operations.”

General Henry “Hap” Arnold, 1941

Installation Infrastructure Action Plan (I2AP)

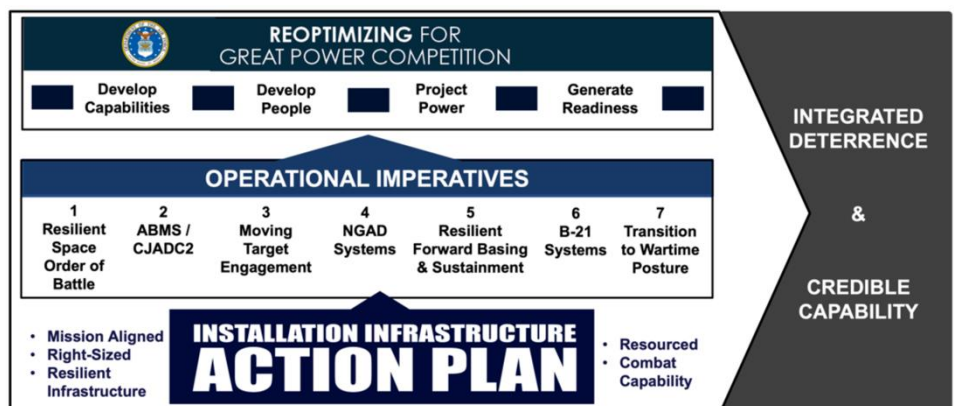
The I2AP will re-optimize Department of the Air Force (DAF) installations for Great Power Competition (GPC). Developed by the Office of the Assistant Secretary of the Air Force for Energy, Installations, and Environment, Office of the Director of Civil Engineer, Air Force Material Command (AFMC), and Air Force Installation and Mission Support Center (AFIMSC), the I2AP sets out clear **objectives, goals, and key actions** for the next fifteen years. These initiatives will sufficiently **align installations with critical mission capabilities, right-size vital infrastructure, and enhance resilience** through customized approaches. This will enable the Air Force and Space Force to deliver combat power with the necessary speed, range, and intensity to deter adversaries and win decisively if needed.

Infrastructure and installation support represents about 10% of the Department of the Air Force's Total Obligation Authority (TOA). However, nearly two decades of risk assumption in sustainment, along with an excess of infrastructure throughout the DAF enterprise, has led to a significant backlog of maintenance requirements. Analysis shows that current and future budgets can support only about 65% of the enterprise's needs.

Currently, half of the DAF infrastructure is in either a moderate or high-risk condition. Forecasting models predict further degradation throughout the Future Years Defense Program (FYDP).

This plan aims to modernize DAF installations for Great Power Competition. It emphasizes DAF installations as the cornerstone of combat readiness and power projection, and implements policies and processes concentrated on best practices.

The I2AP is a Total Force plan, with accompanying implementation guidance to be developed by Air Force Material Command in conjunction with the U.S. Space Force, Air Force Reserve, Air National Guard, and Major/Field Commands. Governance for executing the I2AP will fall under the Installation Council, a 4-star and civilian equivalent body which provides overarching vision, enterprise priorities, and aligns actions across the DAF installations and infrastructure portfolio.



Installation Infrastructure Action Plan

Objective #1 – Align Installation Infrastructure to Mission Critical Capabilities

Goals

- Modernize targeted communications, cyber, spaceport, and support infrastructure to enhance the resilience of critical infrastructure at DAF installations by FY30.
- Increase health of airfield infrastructure; utilities; petroleum, oils, liquids (POL) infrastructure; Task Critical Assets to ensure no infrastructure asset is below failure by FY30.
- Plan, program, and fund the facility and infrastructure bed-down requirements to support critical weapon system capability timelines through integrated resource investment plans by FY26.
- DAF will continue to improve the capacity and condition of dormitories and child development centers through strategic quality-of-life investments by FY40.

Key Actions *(not all inclusive)*

- Development of Annual Infrastructure Investment Plans that outline 5-year investment priorities
- Prioritizing Employed in Place mission critical and Weapon System Infrastructure requirements
- Development of a DAF Airfield Master Plan
- Prioritizing dorm, family housing, and Child Development Center requirements
- Executing base communications infrastructure modernization in PACAF

Objective #2 – Right-Size Installation Infrastructure

Goals

- Reduce DAF's recapitalization Plant Replacement Value by 3% from the FY23 adjusted baseline by FY30 to lower DAF's operational costs.
- Focus on activities that lead to cost-sharing or lower DAF's operational costs.
- Devise spaceport infrastructure for improved space launch and testing operations at USSF launch sites by FY30 through the execution of the "Spaceport of the Future" initiative.

Key Actions *(not all inclusive)*

- Increasing use of Enhanced Use Leases (EULs) and leveraging public/private partnerships and Intergovernmental Support Agreements (IGSAs)
- Identifying locations where Base Operating Support (BOS) costs can be reduced or eliminated
- Limiting expenditure of funds on excess facility space

Objective #3 – Deliver Resilient Installation Infrastructure

Goals

- Boost resilience against deliberate, accidental, or natural events by decreasing infrastructure susceptibility from kinetic, cyber, climate, energy, and water threats at DAF installations by FY40.
- Installations with critical missions will achieve a Resilient Energy Assessment Framework (REAF) score of 80% by FY30, ruggedizing infrastructure with innovative technology solutions to prevent, protect, mitigate, respond to, and recover from terrorist, manmade, and natural disasters.

Key Actions *(not all inclusive)*

- Installing additional microgrids and privatizing additional utility systems
- Executing Energy Resilience Readiness Exercises (ERREs) and Cyber Resilience Exercises
- Posturing resilience-focused MILCON and FSRM projects for Unfunded Priority List consideration
- Increasing Readiness and Environmental Protection Integration (REPI) investments