



SUSTAINING FORWARD OPERATING SITES

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Forces should be able to assure sustained operational capability through maintenance, repair, and preservation of facilities, real property-installed equipment, runways, taxiways, ramps, roads, utilities, fuel systems and other built (real property) and natural infrastructure used in support of the mission. For additional information, see AFDP 3-34, [Engineer Operations](#).

The following are the major functions the [air component commander](#), and [Air Force Forces \(AFFOR\) staff](#) should ensure are prepared to sustain forward operating sites. The AFFOR A4 usually conducts operational planning for the air component commander in the following areas:

- ✧ **Infrastructure Planning:** Includes those actions taken to forecast existing capacity against authorized allowances, taking into consideration future mission or operational requirements leveraging principles of asset management to factor in total asset accountability when making resource based decisions.
- ✧ **Infrastructure Programming:** Those actions taken to validate requirements, determine quantities, forecast costs to construct and determine methods of accomplishing acquisition either in-house or by contracting methods.
- ✧ **Infrastructure Design:** Includes applying standards to ensure maximum end user performance, energy efficiency, and ability to meet applicable laws and codes related to life, safety, health, and welfare.
- ✧ **Infrastructure Construction:** Performed by military forces or through contract augmentation.
- ✧ **Infrastructure Maintenance and Protection:** Includes operation, hardening, and sustainment of facilities, infrastructure, and installations.
- ✧ **Environmental Compliance:** Ensures compliance with applicable US laws and regulations; international agreements; Department of Defense (DOD), Air Force, and combatant command environmental policy; country-specific environmental compliance standards; foreign final governing standards; and DOD Manual 4715.05, Volume 1, [Overseas Environmental Baseline Guidance Document: Conservation](#).

- ★ **Light or Heavy Construction/Repair:** Performed by RED HORSE, Prime BEEF, or through contract augmentation.
 - ★ **Infrastructure Demolishing/Divesting:** The actual removal by demolition, disposal or reuse of an item from the Air Force real property inventory.
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