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**AIR FORCE CIVIL ENGINEER SUPPORT
AGENCY (AFCESA)**

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This directive states the mission, defines the command structure, and establishes the responsibilities of the Air Force Civil Engineer Support Agency (AFCESA).

SUMMARY OF REVISIONS

This document is substantially revised and must be completely reviewed.

This document contains major revisions over the previous edition. Sections 3-5 have been completely revised.

1. Mission. Air Force Civil Engineer Support Agency (AFCESA) provides contingency, operations, and technical support to Air Force installations and civil engineers worldwide. Fields the best equipment, business practices, engineering standards, and professional training for mobility forces and facilities maintenance. Provides specialized capabilities in fire protection, explosive ordnance disposal, pavements evaluation, aircraft arresting systems, power systems, and infrastructure life-cycle planning, design, and construction.

2. Command. The AFCESA Commander:

- 2.1. Is responsible to The Air Force Civil Engineer (HQ USAF/ILE).
- 2.2. Commands the Air Force Civil Engineer Support Agency (AFCESA).

3. Responsibilities. AFCESA provides Air Force major commands (MAJCOMs), base civil engineers (BCEs), and other Air Force and non-Air Force customers specialized capabilities, products, and services to support Civil Engineer (CE) core competencies:

- 3.1. Expeditionary Engineering.

3.1.1. Contingency Support. Establishes and implements programs to maximize air base readiness and prepare BCEs for rapid and effective response to contingency operations.

3.1.2. Prime BEEF (Base Engineer Emergency Force) and RED HORSE (Rapid Engineer Deployable Heavy Operational Repair Squadron, Engineer). Oversees the Prime BEEF and RED HORSE programs, including personnel and logistical force structuring for engineers on mobility teams. Plans and hosts biennial Readiness Challenge international contingency war skills competition.

3.1.3. Readiness Operations Center (ROC). Operates the Air Force Civil Engineer Support Agency ROC to support Air Staff, MAJCOMs, and theater contingency equipment requirements by acting as the functional manager on behalf of the Air Force Civil Engineer.

3.1.4. Air Force Contract Augmentation Program (AFCAP). Negotiates and administers the AFCAP contract to provide worldwide on-call contractor support for disaster response, contingency deployment operations, and military operations other than war.

3.2. Installation Engineering.

3.2.1. Force Development. Determines doctrine, policy, and direction for all CE Air Force Specialties (AFSSs). Establishes equipment, tools, and training standards that ensure mission-capable military and civilian engineers. Evaluates career field strength and provides justification for selective reenlistment bonuses and total personnel requirements for school seat authorizations.

3.2.2. Technical Support. Develops standards and criteria for the design, construction, operation, maintenance, and renovation of facilities and utility systems Air Force wide. Provides professional engineering and other technical assistance to MAJCOMs and bases to help solve complex and unique infrastructure problems, develop modernization plans, reduce energy consumption, and lower rates for utility services. Manages the Air Force facility energy program. Hosts the Air Force Utility Rates Management Team and the Air Force Utilities Litigation Team.

3.2.3. Technology Integration. Facilitates integration of software, hardware, communications infrastructure, and process improvements to ensure the base communication architecture will support BCE automation requirements. Provides guidance and customer assistance to installations and MAJCOMs supporting information technology initiatives.

3.2.4. Vehicles and Equipment. Establishes vehicle/equipment standards that ensure BCEs have the right equipment, vehicles, and materiel.

3.2.5. Best Business Practices. Provides work force multipliers and productivity enhancements to help BCEs perform more effectively and efficiently and at reduced cost across the full array of engineering activities.

3.2.6. Contracting Support. Provides consultant services and superior contract tools to BCEs to improve performance and reduce costs.

3.2.7. Research, Development, and Acquisition (RD&A) Consultation. Provides the bridge between MAJCOM BCE required capabilities and product development by serving as the civil engineer user technical representative throughout the RD&A process.

3.3. Emergency Services

3.3.1. Full Spectrum Threat Response (FSTR). Manages the Air Force FSTR Program, which integrates guidance, training, equipment, and exercises for all installation emergency first responders (fire, EOD, medical responders, and security forces). Supports the emergency management programs of the Department of Defense (DOD), Department of Energy (DOE), Department of Transportation (DOT), Office of Homeland Defense (HLS), Nuclear Regulatory Commission (NRC), and Federal Emergency Management Agency (FEMA) consistent with US Air Force operational requirements.

3.3.2. Fire and Emergency Services. Manages implementation of the Air Force Fire and Emergency Services Program. Serves as the DOD Executive Agent for the DOD Firefighter Certification System and the DOD Firefighter Health/Fitness Program.

3.3.3. Explosive Ordnance Disposal. Serves as the Air Force EOD Action Officer to the DOD EOD Program Board. Serves as the Air Force advocate at the Munitions Buy Budget program for the civil engineering community and the Security Forces K-9 community.

3.3.4. Agreements. Serves as the functional expert and manages Standard NATO (North Atlantic Treaty Organization) Agreements (STANAGSs) for fire, EOD, and nuclear, biological, and chemical (NBC) response.

3.4. AFCESA also employs on-call specialized support teams to meet both peacetime and wartime requirements.

3.4.1. The Civil Engineer Maintenance, Inspection, and Repair Team (CEMIRT) provides worldwide on-site intermediate and depot-level maintenance, inspection, and repair of electrical generation and distribution equipment and aircraft arresting systems, as well as technical support of heating, ventilating, air conditioning, and refrigeration systems.

3.4.2. The Airfield Pavements Evaluation (APE) Team conducts scheduled and contingency structural evaluations of pavements for the Air Force, providing essential mission planning information on the strength and load-carrying capacity of steady-state and contingency airfield pavements.

3.5. AFCESA provides integral technical, professional, and administrative support to HQ USAF/ILE in the implementation and management of Civil Engineer policies, programs, and operations.

4. Relationships to Other Commands and Agencies.

4.1. AFCESA is a field operating agency of the Air Force Civil Engineer.

4.2. Attorneys from the Air Force Legal Services Agency's Litigation Division are collocated with AFCESA engineers to form a Utility Rates Management Team that provides assistance in negotiating equitable utility rates with state and local utility providers.

5. Direct Communications. AFCESA is authorized direct communications with the Department of Energy, senior state regulatory officials, various Air Staff elements, other government agencies and military services, Air Force commands, agencies, and bases, and industry.

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