



U.S. AIR FORCE

# CIVIL ENGINEER OFFICERS

ENGINEERS, LEAD THE WAY

## THE USAF CIVIL ENGINEER MISSION

In the United States Air Force, we fight from our bases. They are the foundation from which **we build and project combat power**; without them, our aircraft never leave the ground, our missile fields fail, and our cyber capabilities become inoperable. As Air Force Civil Engineers (CE), we operate, maintain, protect, and, when necessary, recover air bases from attack or natural disaster.

We support the Joint Force through the integration of combat, general, and geospatial engineering. Engineers facilitate the mobility and survivability of friendly forces with infrastructure to position, project, protect, and sustain the joint force.

We serve as a **critical component of air and joint combat power**...anytime, anywhere.

## OUR TEAM

As a USAF Civil Engineer officer, **you will lead some of the largest and most diverse teams in the Air Force at locations around the globe**. With the best in the service at your side, there's no limit to what you can achieve.



Electrical Power Production



Electrical Systems



Emergency Management



Engineering (e.g. Surveying, Drafting)



Explosive Ordnance Disposal (EOD)



Fire Protection & Emergency Services



HVAC and Refrigeration



Operations Management



Pavement and Construction Equipment



Pest Management



Structures (e.g. Carpentry, Masonry)



Water and Fuels System Maintenance

## DO YOU HAVE WHAT IT TAKES TO BE CE?

Members with a bachelor's degree in one of the below areas of study are eligible for the civil engineering (32E) career field:

Architecture | Architectural Engineering | Civil Engineering  
Environmental Engineering | Construction Engineering  
Industrial Engineering | Mechanical Engineering | Electrical Engineering

*Degree waivers on a case by case basis*

Are you interested in becoming an officer through OTS and already have or are completing one of the degrees above? Are you a USAFA or ROTC cadet majoring in one of the above fields? If yes, USAF CE may be the career for you!

## WHERE WE WORK

You will find Civil Engineers at every major US Air Force installation around the world. With deployed opportunities in the Middle East, Africa, Central America, and beyond, your opportunities as a Civil Engineer officer are truly global.

*Sample country locations based on FY19 unclassified assignments*



## USAF CIVIL ENGINEER TRUTHS

Airmen Engineers consider these truths, informed by CE doctrine, to be foundational:

- 1 Air Force installations are **power projection platforms**
- 2 **Asset Management principles** drive how we mitigate risk to installation health
- 3 We measure readiness first and foremost by the **readiness of the weapon systems we support**
- 4 **Total Force development** at home enables Airmen Engineers to rapidly employ forces and adapt to full-spectrum threats
- 5 Presenting agile **Prime BEEF and RED HORSE** capabilities critically supports Combatant Commanders' projection of airpower
- 6 Installations are **built by, maintained by, and recovered by** Airmen Engineers

## WHAT WE DO | SAMPLE RESPONSIBILITIES & LEADERSHIP

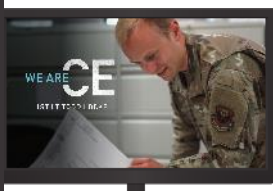
- Direct Construction and Maintenance of:
  - Facilities
  - Mechanical, Electrical and Waste Disposal Systems
  - Hazardous Waste Management
  - Runways
  - Road Systems
- Technical Design
- Project Planning
- Project Programming
- Management of civilian and military personnel
- Coordination with architects, project owners, government officials, international partners, contractors and others involved in all aspects of construction
- Emergency Management and Disaster Preparedness
- Explosive Ordnance Disposal (EOD)
- Fire and Emergency Services
- Base Recovery After Attack (BRAAT)
- Rapid Airfield Damage Repair (RADR)
- Sustainable Development
- Community Planning
- Military Housing
- Prime Base Emergency Engineering Force (Prime BEEF)
- Rapid Engineer Deployable Heavy Operational Repair Squadron Engineers (RED HORSE)



## WANT TO LEARN MORE?

Check out the **"We Are CE" video series** spotlighting real CE Airmen, like 1Lt Todd Locke, who are doing their part to support the Air Force mission.

Previous and new episodes can be found on CE social media sites.



Sign up for the **CE Weekly** - a weekly digital newsletter highlighting news and updates from around the community.

Sign up with your personal email at [airforcece.com/signup](http://airforcece.com/signup)

