

# **144 CIVIL ENGINEER SQUADRON**

## **MISSION**

The Civil Engineers are "base engineers," providing everything from design work to facility maintenance. This is in addition to maintaining the worldwide deployment training program for the wing. Within the Civil Engineer Squadron is the Readiness Section, also known as Emergency Management. They provide all necessary emergency services training and serve as the contact point for local, state and national emergencies. The fire department also provides valuable training and support. The Environmental Management Office, also under Civil Engineering, oversees all projects related to water quality, pollution prevention and the general protection of base personnel as it pertains to a safe environment.

Civil engineering units are organized into CF (Contingency Force) teams to provide rapid runway repair to damaged air fields, and other base recovery activities to restore the air operations capability in minimum time. Fresno's unit consists of a 70 man CF-2 team (runway repair) and CF-5 and CF-6 teams (crash and rescue) which can be deployed to a theater of operations.

The Civil Engineering PRIME BEEF (Base Engineering Emergency Force) mission is a World-wide mobility response in which teams of civil engineering specialists, in times of emergency, are deployed to respond to base recovery needs as required.

## **LINEAGE**

144 Civil Engineering Flight  
144 Civil Engineer Squadron

## **STATIONS**

Fresno ANGB, CA

## **ASSIGNMENTS**

144 Mission Support Group

## **COMMANDERS**

Maj Cullen A. Hollister, #1982  
LTC Gary V. Kellogg, Feb 1999 - Jun 2009

## **HONORS**

### **Service Streamers**

### **Campaign Streamers**

### **Armed Forces Expeditionary Streamers**

### **Decorations**

## **EMBLEM**

## **MOTTO**

## **NICKNAME**

## **OPERATIONS**

PRIME BEEF deployments have taken the Fresno unit to many assignments, among the most memorable was the one to Howard AFB, Panama Canal Zone in 1979 and the three consecutive years to Alaska (Knight Mute 1980, Wrangell 1981 and Kulis ANGB 1982). The PRIME BEEF team deployed to Hawaii in 1983.

Airmen from the 144th Fighter Wing returned to the Fresno airport from a seven month deployment overseas to Iraq and Afghanistan. Seventeen members of the wing's Civil Engineering RED HORSE Squadron and one member of the Logistics Readiness Squadron departed the base in mid-October 2006 for Fort McCoy, Wis., where they were taught Combat Skills Training by Army personnel prior to departing for the Middle East. Then Airmen deployed to augment the 202nd RED HORSE Squadron from the Florida ANG, which was tasked to perform an Army mission that the Army could not support. The unit's missions included repairing runways, paving roads, and constructing temporary buildings throughout Afghanistan and Iraq. RED HORSE stands for Rapid Engineer Deployable Heavy Operational Repair Squadron Engineers, and the unit's mission is to provide a highly mobile, rapidly deployable civil engineering response force which can perform heavy damage repair for recovery of critical Air Force facilities.2006

More than 50 members of the 144<sup>th</sup> Civil Engineering Squadron (CES) and four other members of the 144<sup>th</sup> Fighter Wing traveled to Guam to take part in a mission at a remote regional training site for the Air Force's 554<sup>th</sup> Red Horse Squadron on Andersen Air Force Base. Although they were challenged by stifling heat and erratic bursts of pouring rain, the 144<sup>th</sup> Airmen were able to greatly assist with a project to upgrade the base's Northwest Field. The upgrade included the construction of three Kspan structures, which are pre-engineered steel buildings, from initial site surveys to finished electrical work. The 5,000-square-foot structures are specially designed to withstand typhoons, which occur throughout the region, and will be used to store equipment for

the 554<sup>th</sup> . “It’s been one of the best projects for the team, and it has been especially rich in training for us because we don’t usually work with the variety of equipment being used on this K-span construction.” said LTC Gary Kellogg, commander of the 144 CES. “As a [Prime Base Engineer Emergency Force (BEEF)] unit, it’s normally not our forte to build K-spans, but we are getting valuable training on this project and we consider it an honor to be the only Prime BEEF unit tasked to this project.” The 15-day deployment was the 5th rotation to the site. The project is expected to require 10 rotations and be completed in mid-August. “The 144<sup>th</sup> has done as well as any of the Red Horse units, and I appreciate their help that they’ve been able to provide out here,” said LTC Joseph Swaim, 200<sup>th</sup> Red Horse Squadron director of operations.

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USAF Unit Histories  
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Sources  
Air Force Historical Research Agency. U.S. Air Force. Maxwell AFB, AL.