

437th MAINTENANCE OPERATIONS SQUADRON



MISSION

The 437th Maintenance Operations Squadron is the premier support function to the Maintenance Group it is comprised of three flights; Program & Resources, Maintenance Training and Maintenance Operations. The latter is further subdivided into three functional elements to including: Analysis, Plans Scheduling & Documentation, and the Maintenance Operations Center.

The Programs and Resources flight is the Maintenance Group's focal point for Budget, Manning, Facilities, Plans, Mobility, Logistics Network and, Communications and for Information Technology Management. It is responsible for monitoring and managing these resources for the Maintenance Group Commander through the Maintenance Operations Squadron Commander. The flight coordinates with and provides quality support to higher headquarters and the maintenance community. As a proactive function, it ensures group resources are employed to the maximum benefit to both the 437th Maintenance Group and 437th Airlift Wing.

The Maintenance Training Flight delivers technically advanced, made-to-order maintenance training to the global C-17 community through the use of professional instructors, realistic scenarios, and up-to-the-second educational technologies. How many varies by year. In 2006, they had 238 off station students and 324 reservists. Trainees completing courses through the flight total 1,400 on average per annum and include off station, host active duty, and reserves agencies from bases residing within the continental U.S. and around the world to include: Incirlik Turkey, Spangdahlem AB & Ramstein AB Germany, Rota Spain, RAF Mildenhall Great Britain and Australia.

Maintenance Analysis provides both real-time and historical statistical analysis and maintenance database management to enhance managerial decisions that produces safe and reliable mobility aircraft to meet the needs of a global reach, global power Air Force. It continuously searches for ways to effectively use new and existing resources to automate complex analytical maintenance processes while creating simplistic products and reports for local customer and outside government and contractor agencies use.

The Plans, Scheduling and Documentation shop develops, maintains, and coordinates all schedules and plans affecting maintenance on all assigned C-17 aircraft. It manages, controls, schedules, orders required parts, and is the focal point for aircraft related Time Compliance Technical Orders and Time Change Programs. This element endeavors to manage scheduled maintenance to the fleet on a near 24/7 basis to accomplish all operational commitments with minimal impact to maintenance personnel, facilities and equipment while ensuring optimal use of both time and resources.

The Maintenance Operations Center coordinates maintenance and logistics support activities on all assigned C-17's and transient aircraft on mobility related missions. It's co-located with the base command post and interacts directly with numerous flight-line maintainers and aircrew members daily. This elements control of base-ground emergencies and in-flight emergencies are key to successful response activities that ensure zero loss of life and equipment. It coordinates with AMC Tanker Airlift Control Center on the speedy deployment of Maintenance Recovery Teams while managing computer-based platforms to include Global Decision Support System II and the Core Automated Maintenance System for mobility. Tasked with the crucial responsibility of flawless orchestration of maintenance operations, this center ensures timely and accurate support of HQ AMC and Joint Chiefs of Staff-tasked Special Operations Low Level missions. It implements daily flying & maintenance schedules, ensures optimum utilization of over 1,500 Maintenance Group personnel.

LINEAGE

437th Logistics Support Squadron
Redesignated 437th Maintenance Operations Squadron

STATIONS

Charleston AFB, SC

ASSIGNMENTS

437th Maintenance Group

COMMANDERS

LTC William H. Conrad, Jr.
Maj Norman E. Cole, 9 Apr 1993

HONORS

Service Streamers

Campaign Streamers

Armed Forces Expeditionary Streamers

Decorations

Air Force Outstanding Unit Award

1 Jul 2011-30 Jun 2012

EMBLEM



437th Maintenance Operations Squadron emblem

437th Maintenance Operations Squadron emblem: On a disc Azure, a stylized Phoenix rising, body Argent, feathered Gules, wings and tail Vert, clutching in its talons bendwise sinister a mechanics wrench Or, below a shooting star arched in chief of the like, trailing from sinister side a tail Silver Gray, all within a narrow border White. Attached below the disc, a Blue scroll edged with a narrow White border and inscribed "437TH MAINTENANCE OPS SQUADRON" in White letters.

SIGNIFICANCE: Ultramarine blue and Air Force yellow are the Air Force colors. Blue alludes to the sky, the primary theater of Air Force operations. Yellow refers to the sun and the excellence required of Air Force personnel. The Phoenix symbolizes the unit's enduring capacity to create a better tomorrow. The wrench is representative of aircraft maintenance abilities and repair. The shooting star symbolizes the overarching capabilities of the unit.

MOTTO

NICKNAME

OPERATIONS

Air Force Order of Battle

Created: 16 Nov 2010

Updated:

Sources

Air Force Historical Research Agency. U.S. Air Force. Maxwell AFB, AL.

The Institute of Heraldry. U.S. Army. Fort Belvoir, VA.