

482 COMMUNICATIONS SQUADRON



MISSION

LINEAGE

482 Communications Squadron constituted, 26 May 1952
Activated in the Reserve, 14 Jun 1952
Inactivated, 1 Dec 1952
Activated in the Reserve, 18 May 1955
Inactivated, 16 Nov 1957
Activated in the Reserve, 1 Jan 1992
Redesignated 482 Communications Flight, 1 Aug 1992
Redesignated 482 Communications Squadron, 1 Apr 1997

STATIONS

Miami Intl Apt, FL, 14 Jun-1 Dec 1952
Dobbins AFB, GA, 18 May 1955-16 Nov 1957
Homestead AFB (later, Homestead ARS), FL, 1 Jan 1992

ASSIGNMENTS

482 Air Base Group, 14 Jun-1 Dec 1952
482 Air Base Group, 18 May 1955-16 Nov 1957
482 Tactical Fighter (later, 482nd Fighter) Wing, 1 Jan 1992
482 Support (later, 482 Mission Support) Group, 1 Aug 1992

COMMANDERS

Maj Michael D. Wells, 10 Mar 2014
Capt Traci L. Arnold, 2018
Lt Col Shaun M. Zabel, 20 May 2019
Maj Xavier Goring, 7 Sep 2021

HONORS

Service Streamers

Campaign Streamers

Armed Forces Expeditionary Streamers

Decorations

Air Force Outstanding Unit Awards

[1 Jan 1992]-1 Oct 1993
1 Nov 1993-30 Aug 1995
1 Oct 1999-30 Sep 2001
1 Oct 2004-30 Sep 2006
1 Oct 2006-30 Sep 2008
1 Oct 2008-30 Sep 2009
1 Oct 2009-30 Sep 2010

EMBLEM



Azure, issuant from sinister base a demi-globe axis bendwise in polar view Celeste gridlined Argent surmounted by a lightning bolt, enarched bendwise Or fimbriated Gules all below in chief seven mullets two, three and two of the third and all within a diminished border Sable charged with eighteen billets White. Attached below the disc, a White scroll edged with a narrow Black border and inscribed "482D COMMUNICATIONS SQ" in Black 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 seven stars represent the seven continents, and the unit's ability to link to all. The lightning bolt symbolizes energy and enthusiasm in mission performance. The globe refers to the global mission

of the unit. The black and white checkered border suggests the unit's affiliation with the Wing and its support of the flying squadron. (Approved, 9 Jun 1999)

MOTTO

OPERATIONS

A \$2 million dollar project that will enhance communication and provide greater security for base-wide radio frequencies is scheduled to be completed Jan. 27 here at Homestead Air Reserve Base. The Department of Defense mandated project, performed under contract by Motorola, will move the base from outdated wide-band frequencies to more secure narrowband frequencies, according to Gary Scherer, Chief of Plans and Implementation, 482nd Communications Squadron.

The narrow-band frequencies can use new encryption technology, which means that scanners off base will no longer be able to pick up our conversations, said Vic Gran, Personal Wireless Communication Systems Manager, 482nd Communications Squadron. The project, nearly two years in the works, includes the erection of a 165 foot communications tower, and a facility housing frequency repeaters that will boost the signals of radios on base. As part of the project, all radio infrastructure is being replaced, including repeaters, mobile and base station radios, so everyone who uses a radio will be affected by this transition, said Gran.

Besides the more clear and secure communication capability, the centralized infrastructure for the radio systems will make it much easier to manage. "When we've had problems with the frequencies in the past, we'd have to visit several buildings before we found the problem. Now we'll only have to visit one area to fix a problem when one occurs," said Leo Castellano, Assistant Personal Wireless Communication Systems Manager, 482nd Communications Squadron. Though the project is near completion now, there were some minor setbacks during the planning process. "We had to get approval from the Federal Aviation Administration before the tower was erected," said Gran.

"Things happened throughout this project that we didn't expect, and that required quick responses from base agencies including the civil engineers, contracting and communications personnel as well as off-base agencies including the FAA, Florida Power and Light, and Motorola" he said. The project also makes the infrastructure of the radio system self sustaining, according to Gran. "The facility that houses the frequency repeaters is completely self-sustained, so if the power is lost on base, our radios will continue working and the communication lines will remain open," he said. Obviously, the details of the project are complex, but for the average radio user here at Homestead ARB, the outcome of the upgrade is simple, according to Castellano. "This [system] will provide higher quality and more secure communications for your radio, and that's what makes this project important."

USAF Unit Histories
Created: 29 May 2021
Updated:

Sources

Air Force Historical Research Agency. U.S. Air Force. Maxwell AFB, AL.
The Institute of Heraldry. U.S. Army. Fort Belvoir, VA.
Air Force News. Air Force Public Affairs Agency.