

614 RADAR SQUADRON (SAGE)



MISSION

LINEAGE

614 Aircraft Control and Warning Squadron activated
Redesignated 614th Radar Squadron (SAGE), 1 Mar 1963
Discontinued, 1 Aug 1963

STATIONS

Grenier AFB, NH
Dobbins AFB, GA, 24 Dec 1953-15 May 1956
Andrews AFB, MD, 15 May 1956
MCAS Cherry Point, NC, 1957

ASSIGNMENTS

EADF
32 Air Division, 1 Dec 1952
4704th Defense Wing, 16 Feb 1953
35 Air Division, 24 Dec 1953
85 Air Division, Jul 1956
35 Air Division, 1 Sep 1958
32 Air Division, 15 Nov 1958
Washington ADS, 1 Jul 1961

COMMANDERS

Maj Wilson F. McElroy, #1957

HONORS

Service Streamers

Campaign Streamers

Armed Forces Expeditionary Streamers

Decorations

EMBLEM



MOTTO

NICKNAME

OPERATIONS

M-116 Z-116 614 Cherry Point MCAS, NC FPS-8 (USAF); FPS-8 (USMC); FPS-6 (USAF)
1958 01-Aug-63 Radar site was located adjacent to Base Flight Ops. USAF AN/FPS-8 damaged by Hurricane 'Donna' in 1960. GATR site R-16 (Newport, NC) retained until JSS switchover, early 80's.

M-116B / M-117D Z-116B / Z-117D Engelhard, NC
FPS-14 FPS-18 Feb-59 Apr-68 Reassigned to Roanoke Rapids AFS (Z-117) after Cherry Point AFS (Z-116) closed 1 Aug 1963. Alongside Radar Road (SR 1105), south of town. FPS-18 radar was relocated to the Goldstone Deep Space Comm. Complex for use as a range-safety radar (1976).

M-116C / M-115C Z-115C Holly Ridge, NC
FPS-14 Feb-59 Jun-68 Changed from M-116C to M-115C in 1963 when 614th AC&W Sq. at Cherry Point MCAS (M-116) deactivated. Site located 0.3 mile NW of US 17, ~ 1 mile north of town, on the grounds of former Camp Davis (a WWII coastal defense installation).
History of Cherry Point MCAS, NC

In 1958 the 614th AC&W Squadron activated an AN/FPS-6 height-finder radar and an AN/FPS-8 search radar adjacent to the flight operations building at Cherry Point Marine Corps Air Station, near Havelock, NC. (The USMC owned a second AN/FPS-8 search radar which the Air Force maintained.) The USAF AN/FPS-8 sail was knocked off the tower in 1960 by hurricane ?Donna,? but was replaced. SAGE operations commenced some time around 1960. Cherry Point Air Force Station ceased long-range radar operations on 1 August 1963 (however, the Marine Corps reportedly retained their AN/FPS-8 radar for a number of years for base air traffic control). The GATR site (near Newport, NC) was retained by the Air Force as site R-16, and remained in operation as a SAGE radio/TDDL facility until the JSS switchover (circa 1984).

614th Radar Sq (SAGE): assigned 1 Jul 52 at Grenier AFB, NH, assigned to the EADF; transferred to 32nd AD 1 Dec 52; transferred to the 4707th Def Wg 16 Feb 53; moved to Dobbins AFB, GA and transferred to 35th AD 24 Dec 53; moved to Andrews AFB, MD and transferred to the 85th AD by Jul 56; moved to Cherry Point MCAS, NC in Summer 57; transferred to the 35th AD 1 Sep 58; transferred to 32nd AD 15 Nov 58; transferred to. Washington ADS 1 Jul 61; redesignated from AC&W Sq to 614th Radar Sq (SAGE) 1 Mar 63; discontinued 1 Aug 63.

In 1958 the 614th AC&W Squadron activated an AN/FPS-6 and a pair of AN/FPS-8 radars at this Marine Corps Air Station. Cherry Point ceased operations on April 30, 1963.

AN/CPS-1 microwave search radar antenna at Punamano AFS July 29, 1949. The last Air Force unit to man the station was the 614th Aircraft Control and Warning Squadron on December 11, 1948. Base camp was located across the highway from Kahuku AAB.

Kahuku AAF, Territory of Hawaii
Hickam AFB, HI, 7 Feb 1949-1 Jul 1952

614th Aircraft Control & Warning Squadron

Organized: 1 August 1946, Hickam Air Force Base, Oahu Island, Hawaii (AFHRA A0531A)
Note: Personnel obtained through transfer from Company A, 580th Signal Aircraft Warning Battalion.

Activated: 1 August 1946, Kahuka Field, Oahu, The Hawaiian Islands

Transferred: 1 August 1946, Fort Shafter, Oahu, The Hawaiian Islands

Personnel: 1 August 1946, authorized: 19 Officers, 226 Enlisted

Mission: 12 January 1949, Train personnel in the installation, operation, and maintenance of organizational equipment, and operate two (2) limited GCI radar stations (Detachment A and Detachment B). Operate and Maintain the Air Defense Control Center in the Hawaiian Islands, as well as operate and maintain the "Homer Station" on Oahu.

Subordinate to: 81st Fighter Wing, Wheeler Air Force Base, Oahu, The Hawaiian Islands

Note: The 614th Aircraft Control & Warning Squadron, with its headquarters at Fort Shafter, Oahu T H, was comprised of five (5) subordinate detachments, stationed at various locations on the Island of Oahu. With the exception of Detachment "F", with its station at Kokee, Kauai, The Hawaiian Islands.

Reorganized: 20 January 1949, Authorized strength of forty-five (45) officers and four hundred and sixty-eight enlisted was reduced to 10 officers and one hundred and twenty-eight enlisted.

Mission: 20 January 1949, To provide Microwave Early Warning Service eight (8) hours per day, per station, provide limited Ground Controlled Interception service to all organizations possessing tactical aircraft in the Hawaiian area, operate and maintain a continuous VHF/DF service in support of Air Sea Rescue facility, operate and maintain an High Frequency Radio Net between squadron headquarters and detachments of this squadron, to provide a back-up for existing wire circuits and an outlet for emergency reports in case of communication failures; train personnel in the installation, operation, and maintenance of organization equipment, and operate under designated unified commanders for defense of the Hawaiian area.

Personnel: January 1949, 46 Officers, 3 Warrant Officers, 434 Enlisted and 2 Civilians.

Note: January 1949, one station in full operation; Detachment E limited operation; It was decided that Detachment E should be deactivated.

Relocated: February 1949, Hickam Air Force Base, Oahu, The Hawaiian Islands

Located: December 1959, Marine Corps Air Station, Cherry Point, North Carolina

Mission: 1959, to obtain, evaluate and disseminate promptly and accurately information on all aerial activity within the designated area of responsibility. To conduct those functions of surveillance and weapons control necessary for the successful air defense of the area. To achieve and maintain, through continued training, the highest possible level of operational effectiveness.

Commanders:

1 August 1946 - 17 September 1946, Captain John C. Bonson

17 September 1946 - 1 October 1946, Captain Milton A. Taylor

1 October 1946 - (?), Captain John M. Brittain

(?) - 20 January 1949, Lt. Colonel Kenneth W. Klise

21 January 1949 - (?) Major George H. Armstrong Jr.

1960, Major William W. Anderson Jr.

1960, Major Oscar T. Cox

1962, Major Frank Davis Jr.

Equipment: 1959, AN/FPS-6A, AN/FPS.8, AN/FPS-14 (two each)

Detachment A

Located: 1946, Fort Shafter, Mt. Kaala, Oahu, The Hawaiian Islands

Note: 26 January 1949, Declared excess to the needs of the command

Commanders:

1946, 1st Lt. J.E. Williams

Detachment B

Located: 1946, Kahuku, Oahu, The Hawaiian Islands

Commanders:

1946, Capt. C.H. Mclsaac

1950, Captain John K. Remhow(?)

Equipment: 12 January 1949, as specified by order (unknown if it was actual) AN/CPS-1 and AN/TPS-10B, or substitute.

Detachment C

Located: January, 1949, Koko Crater, Oahu, The Hawaiian Islands

Note: January 1949, because it was impossible to erect a temporary station at Koko Crater because it involved a major undertaking. An appropriate site was found at Koko Head in a area adjacent to Koko Crater. Although this site was not desirable because of its limited elevation, it was utilized as a temporary station.

Equipment:

12 January 1949, AN/CPS-1 and AN/TPS-10B, or substitute.

VHF/DF, continuous service

Detachment D

Located: January 1949, Kaena Point, Oahu, The Hawaiian Islands

Note: 26 January 1949, Declared excess to the needs of the command

Detachment E

Located: January 1949, Puu Manawahua, Oahu, The Hawaiian Islands

Note: January 1949, Detachment was closed. Declared excess to the needs of the command

Detachment F

Located: January 1949, Kokee, Kauai, The Hawaiian Islands

Note: 26 January 1949, Declared excess to the needs of the command

Equipment:

1949, AN/CPS-1, equipment transferred to Detachment C

Air Force Lineage and Honors

Created: 23 May 2020

Updated:

Sources

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

Unit yearbook. *85 Air Division, Defense. 1957*

