

634th RADAR SQUADRON (SAGE)



OREGON

M-118/Z-118 - Burns

In 1955 the 634th AC&W Squadron began operating an AN/MPS-7 set at this site. By 1959 this radar had been joined by a pair of AN/FPS-6 height-finder radars. An AN/FPS-7 radar replaced the AN/MPS-7 radar in 1960. In January 1961 the site joined the SAGE system. In 1963 two AN/FPS-90s were performing height-finder duties. By 1966 an AN/FPS-66 search radar was at the site. The 634th was deactivated in September 1970.

LINEAGE

Activated as 634th ACWS

Inactivated 6 Feb 1952

Activated 20 Jun 1953

Redesignated 634th Radar Squadron (SAGE), 1 Mar 1961

Inactivated 30 Sep 1971

Activated 1 Jan 1973

Inactivated 1 Jul 1974

STATIONS

McChord AFB, WA, 21 May 1947-4 Sep 1948

McChord AFB, WA, 14 Sep 1951-20 Sep 1954

Silver Lake WA, 1951-1952
McChord AFB, WA, 1953-1954
Geiger Field, WA, 1954-1955
Burns, OR, 1955-1970
Lake Charles AFB, LA, 1973-1974

ASSIGNMENTS

505 ACWG, 1951-6 Feb 1952
25 AD, 20 Jun 1953
9 AD, Oct 1954
25 AD, 15 Aug 1958
4700th Air Defense Wing, 1 Sep 1958
San Francisco ADS, 1 Jul 1960
Reno ADS, 15 Sep 1960
26 AD, 1 Apr 1966
25 AD, 15 Sep 1969-30 Sep 1970
20 AD, 1 Jan 1973

COMMANDERS

HONORS

Service Streamers

Campaign Streamers

Armed Forces Expeditionary Streamers

Decorations

EMBLEM

EMBLEM SIGNIFICANCE

MOTTO

NICKNAME

OPERATIONS

Burns AFS, OR
Latitude: 43-33-54 N, Longitude: 119-09-06 W
Call Sign(s): Glen Gray

Perm ID	Sage ID	JSS ID	Unit	Location	Early Equip.	Final Equip.	Oper. Date	Inact. Date	Notes
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M-118	Z-118	634	Burns AFS, OR	MPS-7; FPS-7B; FPS-6/-90 (2)	FPS-66A; FPS-90	1955	30-Sep-70	Site located on Burns Butte, about 5 miles southwest of town. Family housing was at an off-site annex near town. Sq reactivated at new Lake Charles AFS, LA (Z-248), 1972 - 1974.
M-118A	Z-118A		Burns Junction, OR	FPS-18		Sep-58	Dec-60	Location has been verified by a veteran who once visited the site when it was active.
M-118C			Beulah, OR **					** In original ADC plans, but never was built

In 1955 the 634th AC&W Squadron began operating an AN/MPS-7 search-radar set at this site atop Burns Butte. By 1959 this radar had been joined by a pair of AN/FPS-6 height-finder radars. An AN/FPS-7B radar replaced the AN/MPS-7 radar in 1960. In January 1961 the site joined the SAGE system. In 1963 two AN/FPS-90s were performing height-finder duties. In 1965 an AN/FPS-66A search radar (relocated from Condon AFS, OR) replaced the AN/FPS-7B at the site. One AN/FPS-90 height-finder radar was retired in 1968. The 634th Radar Squadron (SAGE) was deactivated at Burns AFS on 30 September 1970. [However, the 634th Radar Squadron (SAGE) was reactivated at the re-opened Lake Charles AFS, Louisiana, circa 1972, then deactivated for good in the 1974 time frame.]

634th

Aircraft Control Squadron/Aircraft Control and Warning Squadron/Detachment E/W-1

Note: 21 May 1947, with the activation of the 505th Aircraft Control and Warning Group, Personnel of the the 505th Aircraft Control and Warning Group were transferred in grade from Squadron A of the 412th AAF Base Unit to the 634th Aircraft Control and Warning Squadron.

Note: 1948, Known also as USAF Detachment "E" for security purposes.

Located: 1948, McChord Air Force Base, Tacoma, Washington

Location: July 1948, Silver Lake, Washington, 47° 53' 30" North, 122° 14' West.

Subordinate to: 505th Aircraft Control and Warning Group, McChord Air Force Base, Washington.

Mission: 1948, The manning and administrative supervision of an Air Defense Control Center under direct operational control of the 505th Aircraft Control and Warning Group

Headquarters, through the Group Controller stationed at the ADCC at Silver Lake. This includes furnishing personnel to other services or agencies as required for relay of information into the ADCC. Installation, operation, and maintenance of the group administrative and tactical communications center terminating into the ADCC, and any relay stations necessary for the accomplishment of this mission. Continuous training of all squadron personnel, and other (531st) personnel assigned for the purpose of training. Establish necessary security measures at all squadron installations. Planning for assumption of supervision and administration of mess,

supply and transportation facilities for the personnel of Group Headquarters. Continuous planning and training toward eventual full scale operations on a 24-hour basis, utilizing such equipment as may be designated by Headquarters, 505th Aircraft Control and Warning Group, to include provision for administration and housing of personnel necessary for accomplishment of full scale operations.

Note: 7 August 1948, unit started 24-hour operations.

Personnel: August 1948, 12 Officers and 193 Enlisted.

Note: 2 September 1948, Orders were cut and published, officially transferring the 634th to Everett (Silver Lake), Washington.

Note: December 1948, The 634th Aircraft Control Squadron operates the Silver Lake Air Defense Control Center - the hub of the 505th AC&W Group's radar network in the Pacific Northwest.

Personnel: December 1948, 14 Officers and 190 Enlisted.

Note: 6 December 1948, 15 hour a day operations began, from 0700 - 2200.

Note: Instructions concerning Squadron from Group Mission, March 1949:

The 634th Aircraft Control Squadron maintains adequate security of own area and detachments. Organizes and maintains on a normal operation basis effective at once an Air Defense Control Center at Silver Lake, Washington, displaying information received from the Air Defense Direction Centers at Paine Field, Washington and Moses Lake Air Force Base, Washington. Maintains F/M relay station at Fort Lawton, Washington. Identification of all aircraft will be made at the Air Defense Control Center on the basis of information received from McChord Flight Service, CAA Boeing, Radio KCJ, and NAS Sand Point, Seattle, Washington. Direction Centers at Paine Field, Washington, and Moses Lake Air Force Base, Washington will be immediately informed of identification. The senior controller at the ADCC will supervise utilization of fighter aircraft controlled by the chief controller at the ADCC's during GCI missions. Furnish the following information to the 626th training center at McChord Air Force Base, Tacoma, Washington (505th Command Post).

(1) All plots on friendly fighters and hostile and/or unidentified tracks.

(2) Status changes for all radar equipment.

(3) Status changes for all communications equipment.

(4) Status on availability of fighter aircraft.

Redesignated: December 1949, From Aircraft Control Squadron to Aircraft Control and Warning Squadron.

Commanders:

21 May 1947, Major John Kersch

July 1948, Captain J.E. Helbert

1 August 1948, Major ?J. Lobato

June 1949, Major Lewis M. Macomber

1949, Major William M. Moore

1949, Captain Kenneth M. Potter

Equipment:

August 1948, SCR-634 VHF/DF set

November 1948, No radar equipment.

Detachment A

Commanders:
1949, S/Sgt Edwin A. Jansen

Detachment B
Commanders:
1949, S/Sgt John P. Carlson

Detachment M(?)
Located: 1949, US Naval Air Station, Whidbey Island, Washington

Geiger Field, Washington
8 December, 1949 – 6 February, 1952
20 June, 1953 – 1 March, 1961

634th Radar Sq (SAGE): assigned 1 Jan 51 at Silver Lake, WA, assigned to 505th AWN Gp; inactivated 6 Feb 52; reactivated 20 Jun 53 at McChord AFB, WA, assigned to the 25th AD; moved to Geiger Field, WA; transferred to the 9th AD in Oct 54; moved to site at Burns, OR 8. Jun 55; transferred to the 25th AD 15 Aug 58; transferred to the 4700th AD Wg 1 Sep 58; transferred to the 25th AD 15 May 60; transferred to San Francisco ADS, 1 Jul 60; transferred to Reno ADS 15 Sep 60; redesignated from ACW Sq to 634th Radar Sq (SAGE) 1 Mar 61; transferred to the 26th AD 1 Apr 66; reassigned to the 25th AD 15 Sep 69; inactivated 30 Sep 70; reactivated 1 Jan 73 at Lake Charles AFS, LA, assigned to the 20th AD; inactivated 1 Jul 74.