

762 RADAR SQUADRON (SAGE)



MISSION

LINEAGE

762 Aircraft Control and Warning Squadron
Redesignated 762 Radar Squadron (SAGE)

STATIONS

North Truro AFS, MA

ASSIGNMENTS

COMMANDERS

Maj Roderick A Kallman, #1955
Maj John F. Sherwin, #1956

HONORS

Service Streamers

Campaign Streamers

Armed Forces Expeditionary Streamers

Decorations

EMBLEM



MOTTO

NICKNAME

OPERATIONS

The 762nd AC&W Squadron began operations with a pair of AN/CPS-3 radars at this Cape Cod site in 1951 and assumed radar coverage previously covered by a Lashup site at Otis AFB (L-5). In 1955 these units were joined by an AN/FPS-8 model. Eventually converted to an AN/GPS-3, this radar left service in 1960. The years 1958 and 1959 saw the arrival of AN/FPS-6 and 6A height-finder radars. During this time, North Truro was integrated into the SAGE system. In 1960 the 762nd started operating an AN/FPS-7 radar. In 1963 the height-finder radars were replaced by AN/FPS-26A and AN/FPS-90 sets. In 1979 the site came under TAC jurisdiction. In 1995 the FAA operated an AN/FPS-91A search set.

TEXAS TOWER # 2

Experimentation with surface and helicopter transport support for first Texas Tower, North Truro Tower Annex No. 2, Which Was Assigned To 762 Aircraft Control And Warning Squadron.

764th Radar Sq (SAGE): assigned 1 Jan 51 at Bellevue Hill, VT, assigned to 540th AcEog Gp; transferred to 32nd AD 6 Feb 52; transferred to .4711th Def Wg 16 Feb 53; site redesignated to St. Albans AFS, VT 1 Dec 53; transferred to 32nd AD 1 Mar 56; transferred to Bangor ADS 15 Aug 58; redesignated from AC&W Sq to 764th Radar Sq (SAGE) 1 Oct 59; transferred to

Site P-10 (762 ACW Squadron) at North Truro AFS, Massachusetts, was designated the parent station for TT-2. Operational concepts governing their relationships were diligently spelled out in a full-dress operations plan, first published by ADC in July 1954, later revised in July 1956. Other matters were carefully worked out, such as methods for transportation and supply. Two H-21B helicopters per tower were authorized by USAF, four of which were based at Otis AFB and two, at Suffolk County AFB. The twin-rotor H-21B had a theoretical capacity for carrying 10 passengers or 2,000 pounds of freight. When equipped with necessary flotation and survival gear, however, the H-21B's capacity was cut to eight persons or 1,550 pounds of freight. Other cargo, particularly POL, was furnished periodically by ship. Fuel, food and lubricants, were stocked to provide at least a 30-day reserve; spare parts were on hand for operational equipment to last 45 days. On 7 May 1956, TT-2 achieved the status of a limited operationally ready aircraft control and warning station. For purposes of furnishing logistical support for TT-2, and for the others when the need arose, the 4604 AC&W Squadron (Texas Towers) was activated 8 October, 1956 at Otis AFB, Massachusetts, which two months later (December 1956), was re-designated the 4604th Support Squadron (Texas Towers).

Texas Tower No.2 (Georges Shoal)

Latitude: 41-44 N, Longitude: 067-47 W

Call Sign(s): Foolhardy

762; 4604 Texas Tower No.2 (Georges Shoal) FPS-3A / -20A / -67; FPS-6 (2) May 1956; Apr 1958 15-Jan-63 Operational as a SAGE unit in Sep 1958. Parent station was North Truro AFS, MA (P-10). Decommissioned in 1963; tower sank during dismantling. 56-foot depth, 110 miles east of Cape Cod

North Truro AFS, MA

Latitude: 42-02-03 N, Longitude: 070-03-15 W

Call Sign(s): Moonshine, No Trump, Man, Sleeper

762 North Truro AFS, MA CPS-6B; CPS-3 (2); FPS-8/GPS-3; FPS-7; FPS-6 (2)/ -90; FPS-2 FPS-7; FPS-90; FPS-26A. FPS-91A, FPS-116 (JSS) 1951 JSS ARSR-4 site now BUIC-III. FPS-7 later became FPS-107. TT-2 was an Annex. Had ALRI receiver. Was to have remained a blue-suit site, but is now shared with FAA (JSS).

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1955 these units were joined by an AN/FPS-8 model. Eventually converted to an AN/GPS-3, this radar left service in 1960. The years 1958 and 1959 saw the arrival of AN/FPS-6 and -6A height-finder radars. During this time, North Truro was integrated into the SAGE system. In 1960 the 762nd Radar Squadron started operating an AN/FPS-7 (later AN/FPS-107V2) radar. In 1963 the height-finder radars were replaced by AN/FPS-26A and AN/FPS-90 sets. The 762nd had the first BUIC-II system in the mid 1960s. The AN/FPS-90 was modified to an AN/FPS-116 circa 1977. The AN/FPS-26A was decommissioned in early 1979. In 1979 the site came under TAC jurisdiction. By 1985 AN/FPS-107 had been replaced by an AN/FPS-91A search set operated by the FAA. The AN/FPS-116 was removed circa 1988. In the late 1990's, an ARSR-4 replaced the AN/FPS-91A.

Air Force Lineage and Honors

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Sources

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

Unit yearbook. *26 Air Division, Defense. 1956*

Unit yearbook. *32 Air Division. 1955.*