

544th INTELLIGENCE, SURVEILLANCE AND RECONNAISSANCE GROUP



MISSION

LINEAGE

544th Reconnaissance Technical Squadron constituted, 2 Nov 1950
Activated, 16 Nov 1950
Redesignated 544th Reconnaissance Technical Group, 11 Jul 1958
Redesignated 544th Aerospace Reconnaissance Technical Wing, 1 Jan 1963
Redesignated 544th Strategic Intelligence Wing, 15 Oct 1979
Redesignated 544th Intelligence Wing, 1 Sep 1991
Inactivated, 1 Jun 1992
Redesignated 544th Intelligence Group, 3 Sep 1993
Activated, 7 Sep 1993
Redesignated 544th Information Operations Group, 1 Aug 2000
Redesignated 544th Intelligence Group, 1 Apr 2007
Redesignated 544th Intelligence, Surveillance and Reconnaissance Group, 1 Jan 2009

STATIONS

Bolling AFB, DC, 16 Nov 1950-11 Apr 1952
Offutt AFB, NE, 12 Apr 1952-1 Jun 1992
Peterson AFB, CO, 7 Sep 1993

ASSIGNMENTS

3902nd Air Base Wing, 16 Nov 1950
Strategic Air Command, 11 Jul 1958-1 Jun 1992
Air Force Intelligence Command (later, Air Intelligence Agency), 7 Sep 1993

67th Intelligence (later, 67th Information Operations) Wing, 31 Jan 2000

70th Intelligence (later, 70th Intelligence, Surveillance, and Reconnaissance) Wing, 5 Jul 2006

COMMANDERS

Col Edward J. Heinz, 20 Jul 1977

HONORS

Service Streamers

None

Campaign Streamers

None

Armed Forces Expeditionary Streamers

None

Decorations

Air Force Outstanding Unit Award with "V" Device

1 Jun 2002-31 May 2003

Air Force Outstanding Unit Awards

1 Jul 1956-30 Jun 1957

1 Sep-30 Nov 1962

1 Jul 1967-30 Jun 1968

1 Jul 1969-30 Jun 1971

1 Jul 1971-30 Jun 1973

1 Jul 1973-30 Jun 1975

1 Jul 1975-30 Jun 1977

1 Jul 1977-30 Jun 1979

1 Jul 1981-30 Jun 1983

1 Jul 1984-30 Jun 1986

1 Jul 1986-30 Jun 1988

1 Jul 1988-30 Jun 1990

2 Aug 1990

28 Feb 1991

1 Jul 1994-30 Jun 1996

1 Jan 1998-1 Nov 1999

1 Oct 1999-30 Sep 2000

1 Jun 2001-31 May 2002

1 Jun 2003-31 May 2005

1 Jun 2006-31 Dec 2007

EMBLEM



544th Aerospace Reconnaissance Technical Wing emblem



544th emblem



544th Intelligence Group emblem

544th Intelligence, Surveillance and Reconnaissance Group emblem: Per fess Azure, and lozeny in perspective Argent and Sable in chief a stylized eye of the second, pupil Or, charged with a torteau and winged White, all within a diminished bordure Yellow. Attached below the shield, a White scroll edged with a narrow Yellow border and inscribed "544 ISR GROUP" in Blue 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 chessboard represents the strategy of intelligence gathering and counterintelligence performed by the Group. The winged eye reflects the intelligence the Group provides to organizations in support of its mission functions. (Approved, 10 Jan 1956, modified, 13 Feb 1995)

MOTTO

NICKNAME

OPERATIONS

The 544th Reconnaissance Technical Squadron (RTS) predecessor to the 544 ARTW was assigned to Offutt AFB on 16 November 1950. On 11 July 1958, the 544 RTS was redesignated as the 544th Reconnaissance Technical Group. Finally, it was designated as the 544 ARTW in January 1963.

The mission of the 544th Aerospace Reconnaissance Technical Wing is to produce all source intelligence products for use in the Single Integrated Operations Plan for contingency planning and for warning, targeting, and defense analysis including precomputed and verified launcher and guidance constraints for SAC ICBMs in support of the SIOP and SAC operations test launches. The 544 ARTW also processes, analyzes, exploits, and reports raw imagery and electronics intelligence data in support of the Joint Strategic Target Planning Staff, HQ SAC, and other requirements.

The 544th IG, directs, manages and supports units worldwide in the collection, refinement and delivery of wholesale intelligence.

Personnel operate C4I systems, providing space surveillance, threat warning and technical analysis to Air Force Space Command, United States Space Command and the North American Aerospace Defense Command.

The group acts as an interface in working infrastructure issues between collocated and associated AIA units. The 544th was activated Sept. 7, 1993, to provide a single focal point for AIA involvement in worldwide space issues and to posture AIA to better support national agencies.

The 544th Intelligence Group was reactivated September 1993 at Peterson Air Force Base, Colo.

The 544th IG is a team of approximately 500 Air Force members who deliver global, space-related information to national agencies and warfighting commands; provide policy guidance and

functional assistance to assigned organizations; and develop mission-based facilities, communications and manpower requirements to improve quality of life.

Undoubtedly, staff support is at the heart of operations at the 544th IG. Recently reorganized into flights to better support the customer, the 544th IG Mission Support Flight and Operations Support Flight has broken many paradigms of a typical staff support function.

With a true "worldwide" mission, offices such as Personnel, Training, Security, Information Systems (formerly IM function), and resources help to keep the group functioning as a cohesive team to complete the Air Force mission.

The Operations Support Flight provides operational support to the group's worldwide units and external space customers.

The Information Operations section is responsible for the group's communications-computer architecture, maintaining the mission information program, and also supports operations integration opportunities for the group.

The Space Operations Support section provides embedded technical and analytic expertise to the Space Warfare Center and the worldwide

Detachment 45, an Air Force Technical Applications Center unit, located at Buckley Air National Guard Base, Aurora, Colo., was activated Sept. 7, 1993. OL-CO is an operating location under Det. 45. The 544th IG provides administrative support to these units.

The 18th Intelligence Squadron, located at Falcon Air Force Base, Colo., was also activated under the 544th on Sept. 7, 1993.

The history of the 544th IG began Nov. 16, 1950, with the activation of the 544th Aerospace Reconnaissance Technical Wing at Boiling Air Force Base, Washington, D.C.

The wing moved to Offutt Air Force Base, Neb., in June 1952, and was redesignated as the 544th Reconnaissance Technical Group July 11, 1958.

After several name changes, it was deactivated June 1, 1992. Sept. 7, 1993, Col. Eric Larson became the commander of the newly reactivated 544th IG at Peterson Air Force Base, Colo.

The group began with 12 subordinate units, detachments and operating locations. Five new detachments have since been added and two other detachments deactivated.

Prior to deactivation in 1992, the 544th IG was recognized with the Air Force Outstanding Unit Award 13 times. Reorganized under the Air Intelligence Agency in 1993, the group received its 14th Air Force Outstanding Unit Award in 1996.

DETACHMENT 2

Det. 2, 544th IG is integrated with Naval Security Group Activity Sabana Seca, Puerto Rico. Its mission is to satisfy national and tactical customer requirements by performing satellite communications processing and forwarding, identifying emerging technologies, maintaining clear communications with Air Force chain of command and key administrative support elements, and supporting the host organization's goals and objectives. Detachment 2 was activated on Dec. 8, 1995.

DETACHMENT 3

Detachment 3, 544th Intelligence Group is a tenant unit and reports operationally to Naval Security Group Activity, located at Sugar Grove, W. Va. The detachment is administratively controlled by the 544th IG at Peterson Air Force Base, Colo. The 694th IG Mission Support Squadron at Fort Meade, Md., also provides administrative support to the detachment.

Det 3 mission is to direct satellite communications equipment supporting research and development for multi-service national missions.

Det 3 provides enhanced intelligence support to Air Force operational commanders and other consumers of COMSAT information collected by Navy-commanded field stations.

This is achieved by embedding personnel into field station operations and by providing a trained cadre of collection system operators, analysts and managers for the Air Intelligence Agency.

The detachment was established in January 1995, under the command of 1st Lt John Wynn, in concert with Det 2, 544th IG, Yakima Research Station, W. Va. and Det. 4, 544th IG, Sabana Seca, Puerto Rico.

Activated in November 1995, the detachment consists of six personnel: one officer and five enlisted.

Detachment personnel are integrated throughout the Operations Department to ensure greater mission exposure and training opportunities.

On 7 June, Col Lance Schultz relinquished command of the 544 10G to Col George V. Eichelberger during a ceremony held at Peterson AFB, Colo. 2004

On 15 July, Col Guy D. Turner assumed command of the Air Force Technical Applications Center from Col Craig V. Bendorf during a change of command ceremony. 2004

The 544th Aerospace Reconnaissance Technical Wing is a highly specialized organization, under the operational control of the SAC directorate of intelligence. The primary mission of the Wing is to provide the intelligence support required by the Joint Strategic Target Planning Staff (JSTPS) in

the preparation of the Single Integrated Operations Plan (SIOP).

This intelligence support is primarily in three areas: targeting, warning, and defense analysis. Intelligence from all national collection programs flows continuously to the Wing where it is processed, interpreted, evaluated, and produced in finished form. Major functions include trajectory computations, precision photographic processing, photo interpretation, geodesy, photogrammetry, and the operation of several large scale computer systems. Additional functions include reproduction, storage, and retrieval of intelligence, and publication of many documents circulated throughout the national intelligence community.

Organizational structure consists of five centers—defense analysis, data systems, trajectory, target materials and research.

Orderly room and Headquarters Squadron Section are located in building 88; office of the Commander and Director of Administrative Services in room 2F-16, Headquarters SAC.
544th IG, Peterson AFB, Colorado

On 7 September 1993, the Air Force activated the 544th Intelligence Group at Peterson AFB, Colorado, home of North American Aerospace Command, United States Space Command and Air Force Space Command. The 544th IG was the reincarnation of Space Electronic Security Division that Electronic Security Command opened during the 1980's.

The 544th IG is a team of approximately 500 Air Force members who deliver global, space-related information to national agencies and warfighting commands; provide policy guidance and functional assistance to assigned organizations; and develop mission-based facilities, communications and manpower requirements to improve quality of life.

The Information Operations Section is responsible for the group's communications-computer architecture, maintaining the mission information program, and also supports operations integration opportunities for the group. The Space Operations Support Section provides embedded technical and analytic expertise to the Space Warfare Center and the worldwide deployable Air Force Space Support Teams.

The 544th IG's vision is to be "The critical Air Force player in integrating space-based information—shaping and protecting the information domain for coordinated multiforce employment."

In 1997, the 544th Intelligence Group included an operation location (OL-CO) at Buckley Air National Guard Base, Aurora, Colorado, four detachments and two squadrons.²⁸⁹

- Det 2, 544th IG, Satana Seca, Puerto Rico—activated 8 December 1995
- Det 3, 544th IG, Sugar Grove, West Virginia—established January 1995
- Det 4, 544th IG, Yakima, Washington—activated November 1995
- Det 5, 544th IG, Washington, DC. (NRO)—activated 5 December 1995.

OL-CO, 544th IG operated under control of Detachment 45 of (he Air Force Technical Applications Center, Patrick AFB, l;lorida, and the 544 ' IG provided administrative support to both units.

Det 2, 544th IG is integrated with Naval Security Group Activity, Sabana Seca, Puerto Rico. Its mission is to satisfy national and tactical customer requirements.

Detachment 3, 544lh Intelligence Group is a tenant unit and reports operationally to Naval Security Group Activity, located at Sugar Grove, West Virginia. Det 3 's mission is to direct satellite communications equipment supporting research and development for multiservice national missions.