# 42 INTELLIGENCE SQUADRON



**MISSION**

**LINEAGE**
42 Photo Lab, Bomb Group, Very Heavy constituted, 18 Aug 1945
Activated on 2 Sep 1945
Inactivated on 17 Oct 1945
Disbanded on 8 Oct 1948
Reconstituted and redesignated as 42 Intelligence Squadron, 19 Aug 2013
Activated in the Reserve, 15 Sep 2013

**STATIONS**
Smokey Hill, AAFld, Kansas, 2 Sep-17 Oct 1945
Joint Base Langley-Eustis, Virginia, 15 Sep 2013

**ASSIGNMENTS**
456 Bombardment Group, 2 Sep-17 Oct 1945
655 Intelligence, Surveillance, and Reconnaissance Group, 15 Sep 2013

**COMMANDERS**
Lt Col Brian J.  Mueller

**HONORS**
**Service Streamers**

**Campaign Streamers**

**Armed Forces Expeditionary Streamers**

**Decorations**

**EMBLEM**



42 Intelligence Squadron emblem: On a disc Sable, a sphere Azure gridlined of the first, overall an owl displayed Brün, garnished of the first, face Argent, eyed, beaked and talons Or, grasping in dexter talon, a key bendwise of the last and in sinister talon a triangle Gules, all within a narrow border Yellow. Attached below the disc, a Blue scroll edged with a narrow Yellow border and Inscribed "42D INTELLIGENCE SQUADRON" in Yellow letters. Attached above the disc, a Blue scroll edged with a narrow Yellow border and inscribed "VITAM MUNDI ET OMNIA" in Yellow 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 owl speaks to the Squadron's responsibility for fusing intelligence and operations to comprise effective global targeting.  Owls represent knowledge, vigilance and wisdom, attributes demanded of intelligence professionals within the Squadron.  The owl's perch represents the global expertise that squadron personnel are expected to maintain.  The unit is responsible for deliberate target materials in support of all global combatant commands.  The grasped key and joint desired point of impact (JDPI) further emphasizes the 42d's role in fusing intelligence and operations to achieve desired targeting effects.  The key, a hallmark of Air force intelligence, highlights the Squadron's mission to command targeting intelligence.  The JDPI complements that command of intelligence to translate knowledge into actionable targeting products.  (Approved, 2 Oct 2014)

The 42d Intelligence Squadron emblem consists of four distinct elements, each symbolizing a unique aspect of the squadron. The emblem contains an owl perched over global gridlines, grasping a key, a target aim-point, with Air Force yellow lightning bolts in its eyes. **SIGNIFICANCE:** The Air Force Blue globe represents the global targeting mission of the 42d Intelligence Squadron.

The owl with yellow lightning bolt eyes speaks to the 42d intelligence squadron's responsibility for fusing intelligence and operations to comprise effective global targeting. Owls represent knowledge, vigilance, and wisdom - attributes demanded of intelligence professionals within the squadron.  The owl's global perch represents the global expertise that squadron personnel are expected to maintain.  The 42d intelligence squadron is responsible for deliberate target materials in support of all of the global combatant commands. The grasped key and joint desired point of impact (JDPI) further emphasizes the 42d's role in fusing intelligence and operations to achieve desired targeting effects.  The key, a hallmark of Air Force intelligence, highlights the 42d's mission to command targeting intelligence.  The JDPI compliments that command of intelligence to translate that knowledge into actionable targeting products. The Air Force lightning bolts in the eyes highlights the 42d's commitment to rapid and agile global intelligence, surveillance and reconnaissance and the resources that capability brings to the targeting mission.

**MOTTO**
Vitam Mundi Et Omnia--Life the Universe and Everything

**OPERATIONS**
Lt. Col. Brian Mueller assumed command of the 42nd IS during an activation and assumption of command ceremony also at Langley-Eustis the following day.  The 42nd IS supports current operations and contingency planning by "providing targeting, focused products" to the 36th Intelligence Squadron and the Air Force Targeting Center at Langley-Eustis. The 42nd IS traces its lineage to the 42nd Photo Lab, which was activated in September 1945 at Smokey Hill Army Airfield, Kan., as part of the 456th Bombardment Group's conversion plan for the invasion of Japan. The lab was inactivated once the invasion was cancelled and has since been redesignated as the 42nd IS. 2013

The 42d Intelligence Squadron was originally activated as the 42d Photo Lab, Bomb Group Very Heavy, 02 September 1945 at Smokey Hill Army Air Field, Kansas. The 42d Photo Lab was inactivated along with the 456th on 17 October 1945. The 42d Photo Lab was redesignated as the 42d Intelligence Squadron on 19 August 2013 and activated in the Reserve on 15 September 2013 at Joint Base Langley-Eustis, Virginia under the 655th Intelligence, Surveillance and Reconnaissance Group. The 42 IS maintained an active duty partnership with the 36 IS, a subordinate unit of the 363 1SRW at JB Langley-Eustis, Virginia. The first commander was Lt  Col Brian  J  Mueller who assumed command effective 15 September 2013. He was succeeded by Lt Col Christian J. Parrish on 18 September 2016 who was succeeded in command by Lt Col Mark T. Hannigan on 13 April 2020.

The emblem of the 42d Intelligence Squadron approved 02 October 2014. It featured an owl in flight grasping a key and red triangle in its talons. The Latin motto, "Vitam Mundi Et Omnia," if featured above which translated to "Life the Universe and Everything" in English. The owl pointed to the squadron's responsibility for fusing intelligence and operations to craft effective global targeting. Owls were widely known to represent knowledge, vigilance and wisdom, all attributes demanded of intelligence professionals in the 42d. The grasped key, long seen as a hallmark of Air Force intelligence personnel and the triangle, more accurately a joint desired point of impact

(JDPI), emphasized the units role in fusing intelligence and operations to achieve desired targeting effects and complemented that command of intelligence to translate knowledge into actionable targeting products.166

The 42 IS gained a new commander this year when Lt Col Mark T. Hannigan assumed command from Lt Col Christian J. Parrish. One of the more significant challenges this year was continuing to strive for excellence in capability and customer-driven support while working under COVID-19 mitigations. In July 2020, after several months of virtual and hybrid formations, the squadron participated in the Unit Training Assembly (UTA) with 40 squadron personnel attending in-person and just 27 personnel participating virtually. The 42 IS implemented a series of measures to provide a safe environment for participating Airmen which included pre-entrance temperature checks, safety briefings, mandatory mask wear, enforcement of distancing guidelines, and sanitization of all work spaces and bathrooms prior to and after use. This first mass attendance UTA was successful with no reported cases of illness. This in-person UTA allowed several squadron members to complete mission currency for first time since March 2020. Four squadron members instructed an accelerated weaponeering re-certification class for seven Targeting Analysts (1N8X1). The in- house weaponeering subject matter expert (SMEs) administered a six-week course in just two weeks with an 83% pass rate. This course saved approximately $18,000 in unit funds and increased mission readiness by 20 percent. The 42 IS also completed mission currency for six Targeting Analysts and 12 Imagery Analysts using a combination of real world and practice targets.

One of the more significant highpoints this year was that members of the 42 IS visited the White House and met with members of Congress as part of a Greek-American servicemember event. Not only did squadron members meet with members of Congress but they also presented Addison Graves Wilson Sr. (R-SC), commonly known as Joe Wilson, a squadron coin. They were able to discuss topics such the 42 IS mission, infrastructure needs and increased tuition assistance availability for reservists. Seven members of the 42 IS participated in PACIFIC SENTRY 20-2 which included one member who reported early to assist with exercise preparation. One officer instructed a Total Force Integration Intermediate Target Development (ITD) course and a noncommissioned officer (NCO) deployed in support of Operation INHERENT  RESOLVE. During the height of the COVID-19 mitigations of the summer, the 42 IS had a squadron member held in place at a deployed location due to COVID-19 stop movement orders. Another member on a Military Personnel Authorization (MPA) tour with Air Combat Command's operations directorate, led an initiative to provide intelligence support to the newly created Information Warfare (IW) training facility in Playas, New Mexico. Another squadron office was on an MPA tour with U.S. Space Force's (USSF) Intelligence Directorate (S2) which required him to prepare and deliver USSF senior leaders' intelligence briefing in preparation for their meetings with the Secretary of the Air Force (SECAF) as well as congressional briefing preparation. The squadron had several members deployed in direct support of Operation INHERENT RESOLVE including one who was "coined" by the Combined Joint Task Force (CJFT) Deputy Chief of Targets based on exceptional performance as a briefer to Joint Targets Development Working Group and support of 21 different coalition entities. Despite the challenges of COVID-19 mitigation, the 42 IS continued to aggressively support the 363 ISRW by providing highly- qualified Airmen and officers that aided

regular Air Force, Air Combat Command Operations Directorate (A32), Space Force Intelligence Directorate (S2), the 607 AOC, and 363 ISRG.

Another squadron member developed Battle Damage Assessment (BDA) Mission Qualification Training (MQT) for the 36 IS. Several 42 IS members aggressively supported the 363 ISRW by leading the development of a Total Force Integration (TFI) Readiness Exercise planned for Spring 2021 that was planned to execute a new Tactics, Techniques and Procedures (TTP) for use in multiple intelligence collections and activities Battle Damage Assessments (BDAs) injections to the exercise. Another member created the targeting strategy for part two of Combined Command Post Training (CCPT) 20-2 while on an MPA tour with the 607th Air Operations Center (AOC) located at Osan AB, Korea. The 42 IS Director of Operations was selected by the CAU to serve as Air Combat Command (ACC) Intelligence Functional Area Manager (FAM) and Subject Matter Expert (SME) on Russian Information Warfare (IW) capabilities while on military appropriation (MPA) days.

He was tasked to provide an in-depth briefing at the first ever ACC Information Warfare Table Top Exercise (IW TTX) which included 27 General Officers and their staffs from across the Air Force. He covered a real world scenario to showcase how IW can be employed at the tactical and operational levels to counter Russian actors, through the integration and operational convergence of Electronic Warfare, Cyber, and Information Operations. This prestigious even was hosted by the 16th Air Force Commander, Lt Gen Timothy Haugh, and ACC Deputy Commander Lt Gen Chris Weggeman.