

U.S. Air Force

## NELLIS AIR FORCE BASE : NEVADA

Tracing its origin to 1945, Nellis Air Force Base (AFB) is located approximately eight miles north of Las Vegas, in the Nevada Desert. Its location and arid climate make the base ideal for aviation training.

Nellis AFB is currently under the command of the Air Combat Command. Its host unit is the 99th Air Base Wing, which also



supports the Nevada Test and Training Range (NTTR) and Creech AFB. In addition, Nellis AFB is home to the U.S. Air Force Warfare

Center, which oversees five U.S. Air Force wings across the country, three of which are located at Nellis AFB.

Team Nellis, which includes Nellis AFB, Creech AFB, the Nevada Test and Training Range, and the Tonopah Test Range, had an estimated economic impact of more than \$5 billion in fiscal year 2014.

### FAST FACTS

- » Location: **Clark County, NV (near Las Vegas)**
- » Land Area: **~11,300 acres**
- » Team Nellis Special Use Airspace: **~12,000 nautical miles<sup>2</sup>**
- » Team Nellis Sorties/Operations: **27,000+ per year**
- » Team Nellis Military Personnel: **9,523**
- » Team Nellis Civilian Personnel: **918**



**Above:** The Nellis AFB entrance sign welcomes visitors to the “home of the warfighter.” The U.S. Air Force Warfare Center at Nellis AFB has five wings, three of which are located at the base. (U.S. Air Force photo)

**Left:** A B-1 Lancer assigned to the 77th Weapons Squadron departs for a training mission at Nellis AFB. (U.S. Air Force photo)

### MISSION STATEMENT

Developing innovative leaders and full spectrum capabilities through responsive, realistic, and relevant AF and Joint testing, tactics development and advanced training across all levels of war.

### CONTACT

**99th Air Base Wing Public Affairs Office**  
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# NELLIS AFB : NEVADA

## UNIT MISSIONS

**U.S. Air Force Warfare Center (USAFWC):** The USAFWC exists to ensure deployed forces are well trained and well equipped to conduct integrated combat operations. From our testing and tactics development programs to our training schools and venues, we provide our Airmen with proven and tested technology, the most current tactics, superb academic training and a unique opportunity to practice integrated force employment. The USAFWC vision, mission and priorities are central to supporting the Air Combat Command's mission to provide dominant combat airpower for America with warrior Airmen committed to excellence, trained to fly, fight, and win...anytime, anyplace.

- » **99<sup>th</sup> Air Base Wing:** Activated in October 1995, is the host wing for Nellis and Creech Air Force Bases located in Southern Nevada. The wing provides installation support for more than 10,000 personnel assigned to Nellis AFB, Creech AFB, and the Nevada Test & Training Range. Three groups are assigned to the wing: 99th Mission Support Group, 99th Medical Group and the 799<sup>th</sup> Air Base Group.
  - **99<sup>th</sup> Mission Support Group:** The 99<sup>th</sup> Mission Support Group provides civil engineer, communications, contracting, logistics readiness, personnel, and services support for Nellis AFB, Creech AFB, and the Nevada Test and Training Range.
  - **99<sup>th</sup> Medical Group:** The 99<sup>th</sup> Medical Group ensures maximum wartime readiness in support of Air Combat Command's largest bases. Maintains medical services for 10.9K Nellis/Creech AFB personnel representing 5 wings, and 52 tenant units. Operates a 50-bed medical center as an Air Force and Veterans Affairs joint venture to eligible user population of 238K. Trains for rapid mobilization/deployment of medical personnel.
  - **799<sup>th</sup> Air Base Group:** The 799th Air Base Group is comprised of three squadrons that enable success through innovative base support and training for Creech Air Force Base personnel and mission.
- » **57<sup>th</sup> Wing:** The 57<sup>th</sup> Wing is the most diverse wing in the United States Air Force. It provides advanced aerospace training to worldwide combat air forces and showcases aerospace power to the world while overseeing the dynamic and challenging flying operations at Nellis. It manages all flying operations at Nellis Air Force Base and conducts advanced aircrew, space, logistics and command and control training through the USAF Weapons School, Red Flag and Green Flag exercises. Important components of the training include adversary tactics replication (provided by the wing's aggressor squadrons) and graduate level instruction and tactics development (accomplished through each of its schools). The wing additionally supports the USAF Warfare Center's test and evaluation activities and showcases US air power through the USAF Air Demonstration Squadron "Thunderbirds."

The wing is comprised of seven distinct organizations: the 57<sup>th</sup> Adversary Tactics Group, 57<sup>th</sup> Maintenance Group, 57th Operations Group, USAF Weapons School, USAF Advanced Maintenance and Munitions Officers School, USAF Air Demonstration Squadron, and 561st Joint Tactics Squadron:

- **57th Adversary Tactics Group:** The 57 ATG provides a coordinated Red Force to train US personnel and coalition partners during exercises and deployments, while overseeing USAF-wide Air, Air Defense, Space and Information Aggressor initiatives and threat academic programs. To accomplish this mission, it directs operations of seven squadrons.



**Above:** An F-15 Eagle with an updated "Splinter" paint scheme takes off a Nellis AFB. (U.S. Air Force photo)

## COMMANDERS' RANKS

- USAFWC – Major General
- 57th Wing – Brigadier General
- 99th ABW – Colonel

## TRAINING & TESTING RANGES

- Nevada Test and Training Range
- Tonopah Test Range

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- **57<sup>th</sup> Maintenance Group:** The Air Force's most complex maintenance group provides on- and off-equipment maintenance for over 140 assigned A-10, F-15, F-16, and F-22A aircraft to support 10 flying programs, and all visiting Red Flag, Green Flag, and operational test and evaluation aircraft.
- **57<sup>th</sup> Operations Group:** The 57 OG educates, exercises, and advocates the integration of airpower into the joint fight and supports the preparation of the combat air forces' (CAF) maintainers and aircrews. To execute its mission, the 57 OG oversees operations of six squadrons and two detachments from Nellis AFB and four geographically separated locations.
- **United States Air Force Air Demonstration Squadron – Thunderbirds:** "America's Ambassadors in Blue," the Thunderbirds plan and present precision aerial maneuvers to exhibit the capabilities of modern high performance aircraft and the lofty degree of professional skill required to operate these aircraft in a precision aerial demonstration.
- **United States Air Force Weapons School:** The USA Weapons School is comprised of 18 squadrons; the USAF Weapons School teaches graduate-level instructor courses that provide the world's most advanced training in weapons and tactics employment to officers of the combat air forces and mobility air forces. Every six months, the school produces approximately 80 graduates who are expert instructors on weapons, weapons systems, and air and space integration. The school also produces the Weapons Review magazine, the CAF's premier professional tactics publication.
- **U.S. Air Force Advanced Maintenance and Munitions Officers School:** The USAF Advanced Maintenance and Munitions Officer School expands combat capability by developing graduate-level expertise in aircraft and munitions maintenance. The school's teaching focus includes all logistics aspects of mobilization, deployment, bed down, sustainment, combat employment, redeployment, reconstitution, and command and control aspects.
- **547<sup>th</sup> Intelligence Squadron:** the 54<sup>th</sup> Intelligence Squadron provides comprehensive adversary tactics analysis, advanced unit intelligence training, and intelligence support for ongoing combat operations. It analyzes, refines, and disseminates intelligence on adversary tactics and weapons employment for customers throughout the Department of Defense.
- **561<sup>st</sup> Joint Training Squadron:** The 561<sup>st</sup> Joint Training Squadron hones the warfighter's capability by providing timely tactical lessons learned and current tactics, techniques and procedures to ensure training results in increased readiness and lethality. It is the focal point for a flexible, responsive, and real-time process that collects, vets, disseminates, and integrates relevant and timely information and is a central source for current tactical doctrine and tactical resources.
- » **Nevada Test and Training Range (NTTR):** The Nevada Test and Training Range (NTTR), provides the warfighter a flexible, realistic and multidimensional battlespace to conduct testing tactics development, and advanced training in support of U.S. national interests. The NTTR also provides instrumentation and target maintenance support for Green Flag-West at the National Training Center and Leach Lake Tactics Range (LLTR) at Fort Irwin, California.
- » **66<sup>th</sup> Rescue Squadron:** The mission of the 66th Rescue Squadron is to provide rapidly deployable, expeditionary, and agile combat search and rescue (CSAR) forces to theater combatant commanders in response to contingency operations worldwide.



**Above:** Airmen from the 20th Aircraft Maintenance Squadron, Shaw Air Force Base, South Carolina, conduct pre-flight checks under an F-16 Fighting Falcon before a training mission during Green Flag-West at Nellis AFB. Green Flag-West provides a realistic close-air support training environment for forces preparing to support worldwide combat operations. (U.S. Air Force photo)

### UNIQUE CHARACTERISTICS

- » Part of Team Nellis, which also includes Creech AFB, the Nevada Test and Training Range, and the Tonopah Test Range
- » Named after 1st Lieutenant William Harrell Nellis
- » Home to the largest solar photovoltaic system in North America
- » Home to the largest civil engineer, communications, logistics readiness, and force support squadrons in Air Combat Command as well as the only Security Forces Group in the command

The 66<sup>th</sup> RQS conducts peacetime search and rescue (SAR) in support of the National Search and Rescue Plan and the U.S. Air Force Warfare Center.

They directly support HH-60G logistical and maintenance support requirements for the USAF Weapons School and Air Combat Command (ACC) directed operational test missions

- » **58<sup>th</sup> Rescue Squadron:** The mission of the 58<sup>th</sup> Rescue Squadron is to organize, train, and equip a rescue force and combat support team that performs with courage and honor to deploy, employ to rescue anyone, anywhere, anytime, and redeploy. These Things We Do, That Others May Live to return with honor!
- » **53<sup>rd</sup> Test and Evaluation Group:** The 53<sup>rd</sup> TEG is composed of highly trained aircrew and a diverse range of support personnel to execute ACC-directed operational tests as well as Combatant Commander-directed Urgent Operational Needs. The mission of the TEG is to provide the warfighter with the latest in software, hardware, weapons and tactics techniques and procedures to win America's wars. Additionally, the TEG carries out the USAF Nuclear Weapons System Evaluation Program. The group plans, executes and analyzes ACC's \$50 million annual air-delivered reliability data for nuclear capable aircraft and weapons and reports weapon system reliability to USSTRATCOM for inclusion in their annual strategic war plan update.
- » **505<sup>th</sup> Test and Evaluation Group:** The 505 TEG is an operational test Organization focused on Theater Air Control System and intelligence, surveillance and reconnaissance weapons systems. It conducts test, training, evaluation & tactics development to advance the integration of air, space and cyber capabilities into the command and control (C2) construct. It also monitors, evaluates and optimizes Air Defense Radar networks and enhances data sharing for command and control, and intelligence, surveillance and reconnaissance systems.
- » **926<sup>th</sup> Wing (Air Force Reserve):** The 926<sup>th</sup> Wing is an Air Force Reserve unit under 10th Air Force, Naval Air Station Joint Reserve Base, and Fort Worth, Texas. The wing is located at Nellis Air Force Base, Nevada, as an associate unit to the United States Air Force Warfare Center.

Through Total Force Integration, reservists are integrated into regular Air Force units, accomplishing the USAFWC and 432<sup>nd</sup> Wing/432<sup>nd</sup> Air Expeditionary Wing mission's side-by-side active duty Air Force personnel on a daily basis.

Through TFI, the 926<sup>th</sup> WG provides combat-ready reservists to the USAFWC as sustained expertise integrated at the operational and tactical levels of warfare. It continuously conducts combat operations, operational test and evaluation, tactics development, and advanced training to forge the tools required to fly, fight and win.

The 926th WG also supports the U.S. Air Force's first Remotely Piloted Aircraft wing, the 432nd WG/432nd AEW, equipped with more than 100 MQ-1 Predator and MQ-9 Reaper unmanned aircraft, in its mission to train pilots, sensor operators and other unmanned aircraft systems crewmembers, and conduct combat surveillance and attack operations worldwide.

- » **820<sup>th</sup> "RED HORSE" Squadron (RHS):** The 820<sup>th</sup> RED HORSE is one of four active duty RED HORSE squadrons and is located at Nellis AFB, Nev., reporting directly to the 12<sup>th</sup> Air Force Commander (Air Forces Southern). It is a self-sufficient, 500-person civil engineer and logistics unit capable of providing rapid response and independent operations in remote, level one threat environments to support worldwide contingencies and special operations.



**Above:** The U.S. Air Force Air Demonstration Squadron "Thunderbirds", perform at an air show in Cleveland, Ohio. (U.S. Air Force photo)



## NELLIS AFB : NEVADA

- » **Defense Logistics Agency:** Receives, disposes, and sells excess and surplus government property generated at Nellis AFB and other DoD and federal agencies in the area.
- » **Area Defense Counsel:** The ADC offers legal representation to Air Force members facing trial by court-martial, administrative separation, non-judicial punishment and other adverse administrative actions. ADC is organizationally independent and reports directly to the Trial Defense Division through headquarters, U.S. Air Force Trial Judiciary, Western Circuit.
- » **Air Force Audit Agency Area Audit Office:** The AFAA is a separate agency with its headquarters at the Pentagon. AFAA has several area audit offices located at selected installations worldwide. Area Audit Offices are responsible for audit teams on selected Air Forces bases. The Southeast Area Audit Office, located at Nellis, is responsible for audit teams at Davis-Monthan AFB, Ariz., Holloman AFB, N.M., Nellis Air Force Base, and Luke AFB, Ariz. Nellis' team provides all levels of Air Force management with independent, objective and quality audit services that include: reviewing and promoting economy, effectiveness and efficiency of operations; evaluating programs and activities and assisting management in achievement of intended results; assessing and improving Air Force fiduciary stewardship and the accuracy of financial reporting.
- » **Air Force Office of Special Investigations Detachment 206:** The AFOSI provides professional investigative services for the protection of the Air Force and DoD people, operations and material worldwide. AFOSI provides quality investigative service for its customers by conducting an average of 23,000 investigative operations per year. The organization seeks to identify, investigate and neutralize all types of criminal activity. Major crimes investigated by the AFOSI Det. 206 can be broken down into three main categories: general crime, fraud and counterintelligence investigations and operations. To enhance effectiveness in this mission, members of the AFOSI encourage all Air Force members to report directly to all special agents on any of the aforementioned subjects, as well as any request for defense-related, technical or other specific information outside of official channels.
- » **372<sup>nd</sup> Training Squadron, Detachment 13:** The 372<sup>nd</sup> TRS, Detachment 13 of the 982<sup>nd</sup> Training Group, Sheppard AFB, Texas, provides technical aircraft maintenance training using classroom and hands-on practical instruction. The detachment also offers training for Air National Guard, Air Force Reserve, allied forces and students en-route to Pacific Air Forces. Assigned instructors provide training on A-10, F-15C, F-15E, F-16C, F-22A, HH-60G, and MQ-1 aircraft.
- » **Air Force Joint Test and Evaluation Program Office:** The mission of the Air Force Joint Test Program Office (AFJO) is to generate, develop, and support Joint Test (JT) activities that enhance Air Force capabilities and mission effectiveness in Joint operations. The Joint Test & Evaluation (JT&E) program is an Office of the Secretary of Defense effort designed to help the services solve inter-service operational problems in a joint environment and alleviate test and evaluation difficulties through work on testing methodologies. AFJO provides continuous, proactive management of USAF participation in the OSD JT&E Program.

For more information, please see < <http://www.nellis.af.mil> >