

U.S. Air Force

KIRTLAND AIR FORCE BASE : NEW MEXICO

Kirtland Air Force Base (AFB) is adjacent to southeast Albuquerque, New Mexico, between the Sandia and Manzano mountain ranges. The base is named in honor of Colonel Roy C. Kirtland, an early Army aviator. The 377th Air Base Wing is the host unit on Kirtland AFB, supporting more than 100 mission partners.



The base is home to the Air Force Research Laboratory, a scientific research organization dedicated to leading the discovery, development,

and integration of affordable aerospace warfighting technologies. The base is also home to the Air Force Nuclear Weapons Center. The center's mission is to deliver nuclear capabilities and winning solutions warfighters use daily to deter and assure.

In fiscal 2014, Kirtland AFB had an estimated economic impact of \$3.8 billion on the local economy.

FAST FACTS

- » Location: **Albuquerque, NM**
- » Land Area: **Approximately 52,000 acres**
- » Military Personnel: **3,125 active duty; 1,068 Air National Guard and Air Force Reserve**
- » Civilian Personnel: **3,648**
- » Contractors: **10,846 (Sandia National Labs and others)**



Above: Kirtland was the first Air Force base to acquire a Humvee Egress Assistance Trainer, or HEAT. The Humvee training simulator helps teach driving techniques and egress procedures to Airman, ultimately reducing accidents and preserving equipment. (U.S. Air Force photo)

Left: This state-of-the-art, 145,000 square foot facility at Kirtland hosts the Air Force Research Laboratory, the Air Force's only organization wholly dedicated to leading the discovery, development, and integration of warfighting technologies for our air, space and cyberspace forces. AFRL traces its roots to the vision of airpower pioneers, who understood science as key to air supremacy. The passionate commitment of AFRL people to realize this vision has helped create the world's best air, space and cyberspace force. (U.S. Air Force photo)

MISSION STATEMENT 377th ABW

The 377th Air Base Wing conducts nuclear operations; organizes trains, equips, and deploys expeditionary forces; and operates, secures, and supports Kirtland Air Force Base.

CONTACT

Public Affairs Office
(505) 846-5991

UNIT MISSIONS

- » **Air Force Nuclear Weapons Center:** Delivers nuclear capabilities and winning solutions warfighters use daily to deter and assure.
- » **377th Air Base Wing:** Conducts nuclear operations; organizes, trains, equips, and deploys expeditionary forces; and operates, secures, and supports Kirtland AFB.
- » **58th Special Operations Wing:** Trains mission-ready special operations, combat search and rescue, missile site support, and UH-1 distinguished visitor airlift crews directly supporting air expeditionary forces for the world’s best aerospace force.
- » **150th Special Operations Wing, New Mexico Air National Guard:** Trains mission-ready special operations and combat search and rescue crews through total force integration with the 58th Special Operations Wing. Provides precision targeting and geospatial intelligence to the Air Force and joint warfighters.
- » **Air Force Inspection Agency:** Provides independent and timely assessments of acquisition, nuclear surety, operations, logistics, support and health care to Air Force senior leadership by identifying critical deficiencies and recommending improvements for accomplishing peacetime and wartime missions.
- » **Air Force Operational Test & Evaluation Center:** Tests and evaluates new weapon system capabilities in operationally realistic battlespace environments to provide fact-based, decision-quality data to inform decision makers on a range of accurate, balanced and timely assessments of effectiveness, suitability and mission capability.
- » **Air Force Safety Center:** Preserves and enhances combat capability through resource preservation for both Airmen and equipment by eliminating mishaps.
- » **Air Force Research Laboratory, Directed Energy Directorate:** Serves as the Air Force's center of expertise for directed energy and optical technologies. Develops and transitions technologies in four core technical competencies: lasers systems, high power electromagnetics, weapons modeling and simulation, and directed energy and electro-optics for space superiority.
- » **Air Force Research Laboratory, Space Vehicle Directorate:** Serves as the Air Force's center of expertise for space technology research and development. Develops and transitions space technologies to provide space-based capabilities. Primary mission area thrusts include space-based intelligence, surveillance and reconnaissance, space situational awareness, space communications, position navigation and timing, and defensive space control.
- » **Advanced Systems and Development Directorate:** Develops, tests and evaluates Air Force space systems, executes advanced space development and demonstration projects, and rapidly transitions capabilities to the warfighter.
- » **Detachment 1, 342nd Training Squadron:** Provides the highest quality training of pararescuemen and combat rescue officers capable of worldwide deployment for rescue and recovery operations.
- » **Defense Threat Reduction Agency:** Safeguards America and its allies from weapons of mass destruction (chemical, biological, radiological, nuclear, and high explosives) by providing capabilities to reduce, eliminate, and counter the threat, as well as mitigate their effects.



Above: The “Team Kirtland” logo. (U.S. Air Force)

INSTALLATION COMMANDER’S RANK

Colonel

UNIQUE CHARACTERISTICS

- » Home of the Air Force Research Laboratory, including the Phillips Research Site, the Directed Energy Directorate, and the Space Vehicles Directorate
- » Home of the Air Force Nuclear Weapons Center
- » Home of the Air Force Safety Center
- » Home of the 58th Special Operations Wing
- » Home of the Air Force Operational Test and Evaluation Center headquarters
- » Shares runway with Albuquerque International Sunport



- » **705th Combat Training Squadron:** Develops, integrates and delivers Distributed Mission Operations Center (DMOC) capabilities and training to prepare warfighters for combat in joint and coalition environments through exercises, training, tactics, techniques and procedures, warfighter readiness, testing, experimentation, tactical to operational-bridged events, and standards development.
- » **Operationally Responsive Space:** Advances the national, economic, and energy security of the United States; to promote scientific and technological innovation in support of that mission; and to ensure the environmental cleanup of the national nuclear weapons complex.
- » **Department of Energy:** Ensures America's security and prosperity by addressing its energy, environmental, and nuclear challenges through transformative science and technology solutions.
- » **Sandia National Laboratories:** Develops technologies to sustain, modernize, and protect the nation's nuclear arsenal, prevents the spread of weapons of mass destruction, defends against terrorism, protects our national infrastructures, ensures stable energy and water supplies, and provides new capabilities to U.S. armed forces.

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