

# Fort Huachuca, Arizona Vital to National Defense — C5ISR



## Notable Facts about Fort Huachuca

- ★ The Electronic Proving Grounds is the only Search and Rescue (SARSAT) GPS testing site in the Western hemisphere.
- ★ Only place in the U.S. that can conduct high power, full frequency spectrum jamming as part of the critical cyber warfare testing mission.
- ★ Provides the only high altitude dirt assault strip location in the country. There are also four high altitude parachute drop zones for training.
- ★ Home of Army Unmanned Aerial Systems (UAS) training on multiple systems.
- ★ Center for the Department of Defense's Advanced Joint Human Intelligence (HUMINT) Training.
- ★ Supports a 2,500 square mile electronic range complex with a non-transferable frequency coordination zone protected by federal mandate.
- ★ More than 964 square miles of restricted airspace that ranges from the surface to 30,000 feet.
- ★ Proximity to the border insures location is strategic advantage for operations with Homeland Security and other federal agencies.
- ★ The 12,000 foot runway of Libby Army Airfield provides a location to land any type of military or civilian aircraft.
- ★ Ensures energy resilience through an on-site 68-acre solar field, completed in December 2014. The largest of any renewable energy source in the entire Department of Defense, this 57,400-panel array ensures energy security to support rapid deployment and energy independence for global defense operations.
- ★ Fort Huachuca, located just nine miles from the Mexican border in southeast Arizona, has been a vital component of our nation's security since 1877.
- ★ The current scope of operations at Fort Huachuca includes all components of C5ISR: Command, Control, Communications, Computers, Cyber, Intelligence, Surveillance and Reconnaissance.
- ★ In addition to its critical Army and Department of Defense (DoD) missions, Fort Huachuca also provides a strategic advantage for Homeland Security, U.S. Customs and Border Protection, and other federal agencies.



## The Army's Headquarters for Worldwide Communications

As technology advanced, so did Fort Huachuca's mission. The Cold War ushered in a new era for the Fort when the location was proved to be ideal for testing electronic and communications equipment. In 1967, Fort Huachuca became the headquarters for the U.S. Army **Strategic Communications Command**, a mission it still serves today.

Fort Huachuca has served as the U.S. Army's **Network Enterprise Technology Command** (NETCOM) since 1973. NETCOM's mission is to operate, maintain and defend the Army's technology network, the LandWarNet (the Army's portion

of the Global Information Grid), and ensure that the Army's global network enterprise enables the entire Army Team in the Pacific, Europe, southwest Asia, and the United States. Additionally, Fort Huachuca's Defense Coordination Office is the principle organization responsible for provisioning Army **long-haul telecommunications** requirements worldwide.

The U.S. Army **Information Systems Engineering Command** is also headquartered at Fort Huachuca, acting as the lead engineer of information technology, supporting major Army commands and installations worldwide and across

the broad spectrum of strategic communications systems, and supporting five directorates across the U.S.

The U.S. Army Training and Doctrine (TRADOC) Culture Center, located at Fort Huachuca opened its doors on February 1, 2006 although it began providing significant culture awareness training and support to the Army well before then. Its primary purpose is to support cultural development and training as well as disseminating relevant cultural training, knowledge, and products across the army and if applicable the Department of Defense (DoD).





## Intelligence, Technology, Testing and Training

Fort Huachuca is home to the U.S. Army Intelligence Center of Excellence, bringing with it the 111<sup>th</sup> Military Intelligence Brigade. The Center is the Army's premier intelligence training facility for its active, reserve and guard component soldiers, and also trains Air Force and Marine Corps personnel. The Fort also serves as the DoD's Human Intelligence (HUMINT) Training Joint Center of Excellence, providing all advanced human intelligence training across every branch of the military.

Part of the Department of Defense Major Range and Test Facility Base, Fort Huachuca serves as key partner in intelligence electronic warfare testing. The irreplaceable U.S. Army Electronic Proving Ground at Fort Huachuca provides critical services to Army program managers, joint services, other military services, foreign governments, national agencies, and U.S. industry. This mission is possible through the unique climate and federally protected airspace at Fort Huachuca. Here, aggressive, offensive electronic

warfare/jamming is conducted—the only U.S. location where such extensive testing is possible, thanks to southeast Arizona's geography and altitude, as well as state and federal mandates protecting both the airspace and electronic range.

With a mild climate, 320-plus flying days a year, and 964 square miles of restricted airspace that ranges from surface to 30,000 feet, Fort Huachuca is the Army's only training facility for Unmanned Aircraft System (UAS) operators in the United States. The training facility supplies ground force commanders with combat-ready soldiers, Marines and foreign military with the highest level of UAS technical training. It is the only location in the country where manned and unmanned aircraft are allowed to be in the airspace at the same time, providing a one-of-a-kind training opportunity to soldiers.

Fort Huachuca is home to the Army's only Joint Interoperability Test Command (JITC), a field command of the Defense

Information Systems Agency. JITC's mission is to serve as the Department of Defense's joint interoperability certifier and is the only non-service operational test agency of information technology/national security systems. JITC has a one-of-a-kind array of hardware, software, and expertise disbursed among 41 test beds and labs, creating an interface for all on-site capabilities and networks with any other testing or operational facility worldwide.



DISTANCE TO:	
Phoenix	...189 miles
Tucson	.....75 miles
Nogales	.....63 miles
Douglas	.....51 miles

# A Unique and Strategic Location

## UNLIKE ANY OTHER PLACE IN THE UNITED STATES

Southeast Arizona's elevation, surrounding mountains, climate and airspace are unique within the Department of Defense's inventory of installations. Not only does the terrain and climate replicate combat zones for realistic training, the "high altitude bowl" surrounding Fort Huachuca cannot be duplicated anywhere in the United States. The bowl, along with surrounding restricted airspace, enables the Army to conduct full frequency, full

power jamming as part of the DoD's cyber warfare testing.

Fort Huachuca is home to the Army's only high altitude unimproved dirt assault airstrip, giving pilots a realistic training ground for combat missions. Also home to Libby Army Airfield, Fort Huachuca's 12,000 foot runway can accommodate any type of military or civilian aircraft, making it a strategic component in military transport and training.

Situated between White Sands Missile Range in Las Cruces, New Mexico, as well as key military facilities in Arizona, including Davis-Monthan AFB in Tucson, the Yuma Proving Grounds, Luke AFB in Phoenix and the Goldwater Range, Fort Huachuca's location in southeast Arizona positions it as a vital partner with these critical defense facilities, providing both training and mission support across all military branches.

# Capacity to Enhance the National Defense

## OFFERING ROOM TO EXPAND

Fort Huachuca is the U.S. Army's communications and command center and serves as a unique testing facility for modern warfare and national defense technology. Its missions support not only the Army as a whole, but also support other military branches through training, testing and communications. The

Fort has additional capacity to accept new or expand existing missions to serve the nation's defense.

The history of Fort Huachuca in national security is both long and honorable. Ever-changing technology and evolving needs

have elevated Fort Huachuca to its current role as a leader in cyber security and electronic warfare training and testing. Fort Huachuca is ensuring that the United States remains at the cutting edge of intelligence technology today and far into the future.

# Community Support

## ECONOMIC DEVELOPMENT AND COMMUNITY PLANNING

The strong collaboration with the adjacent Sierra Vista community has helped Fort Huachuca become an installation of the future. With key public and private partnerships, the community has helped the Fort exceed its federal environmental requirements, reduce its operational expenditures, and ensure soldiers and their families are well supported.

As Fort missions have changed and expanded, the community has consistently been there to provide well trained employees, a variety of quality housing, excellent health care, a choices for spousal employment opportunities, superior K-12 and post-secondary education, and an exceptional quality of life, while protecting the fort land and air

space from encroachment. The residents of Sierra Vista have consistently demonstrated their deep commitment to Fort Huachuca, and will continue to do so into the future.



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