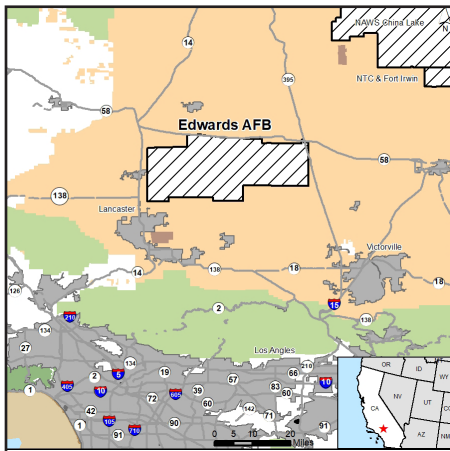




EDWARDS AIR FORCE BASE

Edwards Air Force Base (AFB) is home to the 412th Test Wing and the United States Air Force Test Pilot School.

The 412th conducts research, development, test, and evaluation of aerospace systems. With direct access to nearly two million acres of military special use airspace around Edwards AFB, the 412th Test Wing advances airborne systems, including but not limited to avionics, electronic combat, autonomy, and surveillance.



The 412th Test Wing's work requires an environment free of radio frequency interference. The increased urban and renewable energy development in the vicinity of the installation complex threatens its continued success. Wind energy development in California has already impacted the ideal testing environment at Edwards AFB. Additionally, light generated from new residential development in the Antelope Valley interferes with precision testing equipment that requires a dark night

sky. Increased urban development could also generate a rise in noise complaints that could further restrict the installation's flying mission.

The Edwards AFB REPI project protects land around the installation and the airspace to avoid increase spectrum interference, flight path obstruction, noise impacts, and wildfire impacts to the multi-service hypersonic corridor. In addition to sustaining the mission, protecting surrounding land from urban development will create a critical wildlife corridor between the coastal and Sierra Nevada mountain ranges. A desert tortoise migration project planned for this corridor could also protect this species, which is listed as threatened under the Endangered Species Act, it could also help limit the potential regulatory burden on the installation.

BENEFIT SUMMARY

COMMUNITY

- Provides habitat for threatened species and connects to a wildlife corridor
- Supports regional planning efforts
- Supports compatible development including possible solar energy sources
- Reduces smoke and wildfire impacts

MILITARY

- Protects existing airspace and radar capabilities
- Protects the 412th Test Wing's unique mission
- Ensures that existing compatible areas remain compatible



The 412th Test Wing's mission includes the operation and maintenance of the B-1B Lancer and the KC-46 Pegasus, picture above flying over Edwards Air Force Base, California.

KEY PARTNERS

- California Rangeland Trust
- The Wildlands Conservancy
- Trust for Public Land

CONTACT

PUBLIC AFFAIRS OFFICE:
 (661) 277-3510

FAST FACTS FROM FY 2021 THROUGH FY 2023 | Project Status: In Progress

Authority	Transactions	Acres Protected, Managed, or Improved	Total Funds Expended
10 U.S.C. § 2684a	1	14,631	\$5.5 million

Subtotals may not sum to combined totals due to rounding