



# REPI

UNITED STATES DEPARTMENT OF DEFENSE  
READINESS AND ENVIRONMENTAL  
PROTECTION INTEGRATION PROGRAM

## STATE FACT SHEETS | OKLAHOMA



OKLAHOMA

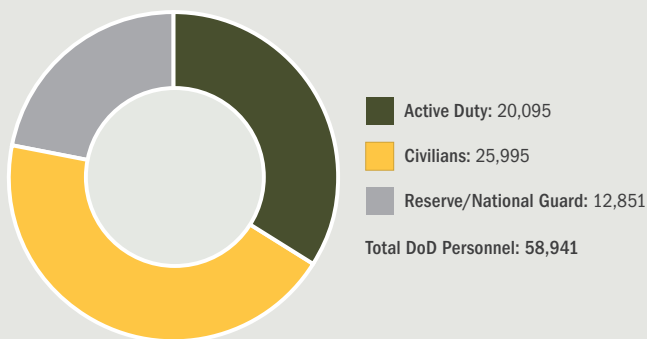
### OVERVIEW

In Fiscal Year (FY) 2023, the state of Oklahoma received \$7.3 billion in Defense spending, which provides direct funding for the Department of Defense (DOD) personnel salaries, defense contracts, and construction of military facilities in the state. This spending by DOD personnel, contractors, and their families creates significant economic activity, attracts related industries and investments, and generates important state and local government tax revenues.

The Readiness and Environmental Protection Integration (REPI) Program is a key tool used by DOD and its partners to protect the military's ability to train, test, and operate in the state. The Department created the REPI Program in response to the development of lands and loss of habitat in the vicinity of or affecting its installations, ranges, and airspace that can lead to restrictions or costly and inadequate training and testing alternatives. Through the REPI Program, DOD works with state and local governments, conservation organizations, and willing private landowners to address these challenges to the military mission and the viability of DOD installations and ranges. The REPI Program has benefited from broad bipartisan support both in the U.S. Congress and among groups representing state and local officials. From FY 2006 through FY 2024, DOD and its partners have contributed over \$16.4 million to REPI projects supporting three installations in Oklahoma.

### DOD IN OKLAHOMA

**DOD Personnel** (as of 30 Sep 2023)



### Federal Defense Spending and Economic Impact (in FY 2023)



**\$7.3 billion**  
in Federal  
Defense  
spending



**2.9%**  
of state Gross  
Domestic  
Product



**\$3.6 billion**  
in payroll contributed  
**\$3.7 billion**  
in contracts awarded

### Acres of DOD Managed and State-Owned National Guard Land (as of 30 Sep 2023)



**DOD  
Managed Land**

**190,455 acres**



**State-Owned  
National Guard Land**

**1,547 acres**

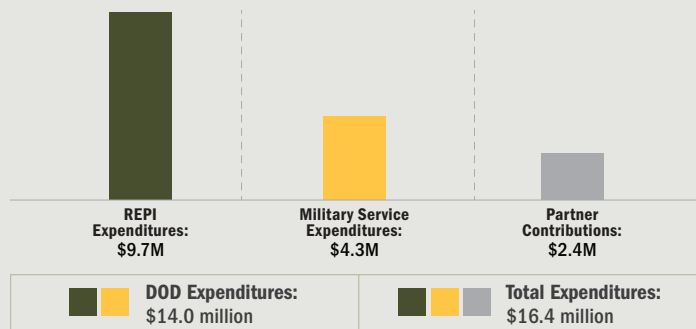


**Total DOD Managed  
and State-Owned  
National Guard Land**

**192,003 acres**

### REPI PROJECTS\* IN OKLAHOMA

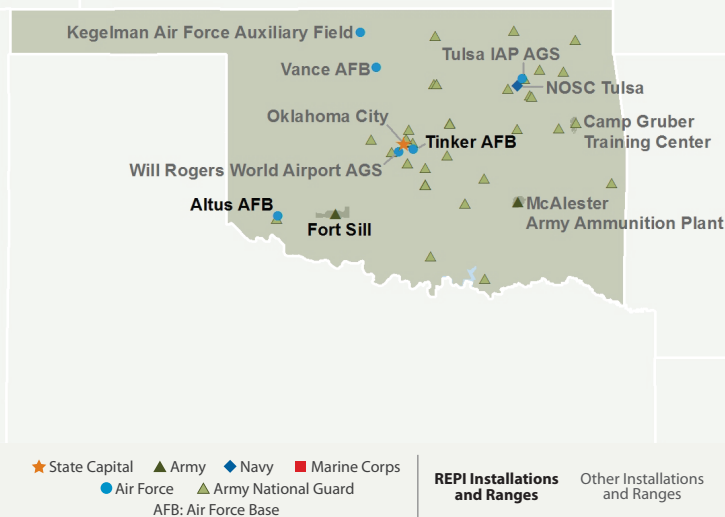
**Funding Summary** (from FY 2006 through FY 2024)



Subtotals may not sum to combined totals due to rounding.

\* REPI projects refer to any action authorized by 10 U.S. Code (U.S.C.) § 2684a to include the acquisition of real property interests in land from willing landowners to prevent incompatible development or improve military installation resilience. REPI projects involving the Army or Army National Guard are also termed Army REPI partnerships. Those involving the Navy, Marine Corps, or Air Force, are also termed encroachment partnering agreements. Eligible entities include conservation organizations and state and local governments.

**Total Acres Protected (FY 2006 through FY 2024): 3,787**



## MILITARY PRESENCE

- Fort Sill serves as the home of the U.S. Army Field Artillery School, the U.S. Army Air Defense Artillery School, the 424<sup>th</sup> and the 434<sup>th</sup> Field Artillery Brigades, the U.S. Marine Corps Field Artillery Detachment, and the Army's Fires Center of Excellence.
- The 97<sup>th</sup> Air Mobility Wing's **mission is to enable global mobility** by expertly training airlift and aerial refueling aircrews to achieve global reach and power while simultaneously maintaining worldwide deployment capabilities.
- Altus Air Force Base (AFB) is home to the 97<sup>th</sup> Air Mobility Wing and the Mobility Training Center of Excellence.
- The Navy operates Strategic Communications ONE, which provides **strategic communications**, including for nuclear submarines, from Tinker Air Force Base.
- McAlester Army Ammunition Plant is **one of the nation's four critical materiel handling installations**. It has the capacity and has the capacity for and is required to ship 435 individual 20-foot containers of explosive ordnance per day for the initial 30 days of a conflict, allowing time to bring other ammunition facilities around the country to full production.

## REPI PROJECTS

Installation	County	Congressional District
Altus AFB	Jackson	3rd
Fort Sill	Comanche	4th
Tinker AFB	Oklahoma	4th

For all REPI Project Profiles visit: [www.repi.mil/BufferProjects/ProjectList.aspx](http://www.repi.mil/BufferProjects/ProjectList.aspx)



Protecting habitat for the black-capped vireo (left) near Fort Sill helps to preserve heavy artillery training, such as that conducted with the Paladin Howitzer (top).

## Key REPI Partners

- City of Altus
- City of Lawton
- Comanche County Commission
- Comanche County Industrial Development Authority
- Land Legacy
- State of Oklahoma
- Tom Steed Master Conservancy District
- U.S. Department of Agriculture–Natural Resources Conservation Service

## Data Sources

- **For Federal Spending and Personnel Information:** Office of Local Defense Community Cooperation: "Defense Spending by State – Fiscal Year 2023": [www.oldcc.gov/dsbs-fy2023](http://www.oldcc.gov/dsbs-fy2023)
- **For Land Information:** Office of the Assistant Secretary of Defense for Sustainment, Real Property, Business Systems & Information Directorate: "Base Structure Report – FY24 Baseline" (as of 30 Sept 2023)
- **For REPI Projects Information:** "2025 REPI Report to Congress": [www.repi.mil/Portals/44/Documents/Reports\\_to\\_Congress/REPI2025RTC.pdf](http://www.repi.mil/Portals/44/Documents/Reports_to_Congress/REPI2025RTC.pdf)



# REPI

UNITED STATES DEPARTMENT OF DEFENSE  
READINESS AND ENVIRONMENTAL  
PROTECTION INTEGRATION PROGRAM

## PROJECT PROFILES

U.S. AIR FORCE | OKLAHOMA



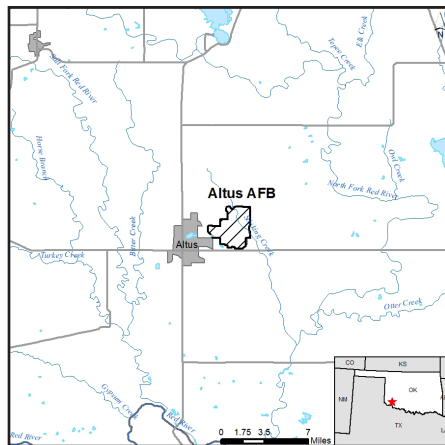
### ALTUS AIR FORCE BASE

**Altus Air Force Base (AAFB), located in southwest Oklahoma, is home to the 97<sup>th</sup> Air Mobility Wing and hosts and operates the only heavy mobility and air-refueling schoolhouse in the Air Force for C-17, KC-135, & KC-46 aircraft.**

Over 2,000 students participate in initial training, requalification, and instructor training every year at AAFB. AAFB houses 18 full motion flight simulators, 9 refueling simulators and 5 cargo load trainers, as well as 3 runways used for heavy aircraft training. The installation's strategic location and broad aviation capabilities allow the Air Force to

continue to effectively train service men and women for worldwide deployment.

Low level airspace is crucial to AAFB's mission. Potential wind energy development in the area poses a serious threat to the viability of the AAFB's mission. Turbines penetrating into low level routes create avoidance areas, limit useable airspace, and reduce the availability of low level, airdrop training areas. AAFB is working with its partners to acquire restrictive use easements on properties surrounding the installation to limit the potential for height obstructions and radar interference.



In addition to mitigating encroachment challenges from wind development, AAFB is also working with the City of Altus and the Tom Steed Master Conservancy District to protect critical groundwater resources in the region. AAFB is dependent on the City of Altus for short-term and long-term water supplies, the majority of which are surface water. Recent droughts illustrate the need to bring groundwater supplies into the City's water portfolio. Limited alternatives exist, but the City of Altus and the Tom Steed Master Conservancy together with AAFB are working to secure water rights to the Tillman Terrace aquifer to alleviate this challenge. This project will grant AAFB access to a reliable supply of water and help deliver secured groundwater to the City's water system, thereby increasing drought resiliency of the base as well as the community.

### BENEFIT SUMMARY

#### COMMUNITY

- Drought resiliency
- Access to reliable water supply

#### MILITARY

- Water security
- Protection of existing airspace and radar capabilities
- Increases operational safety



C-17 with door open on the flightline (top), and a KC-135 at takeoff (bottom).

### KEY PARTNERS

- City of Altus
- Tom Steed Master Conservancy District

### CONTACT

ALTUS AFB PUBLIC AFFAIRS:  
(580) 481-7700

### FAST FACTS FROM FY 2018 THROUGH FY 2024 | Project Status: Initiated

Authority	Transactions	Acres Protected, Managed, or Improved	Total Funds Expended
10 U.S.C. § 2684a	—	—	\$0.4 million

Subtotals may not sum to combined totals due to rounding. | This project has expended REPI funds to support the ongoing management or improvement of lands outside the installation.

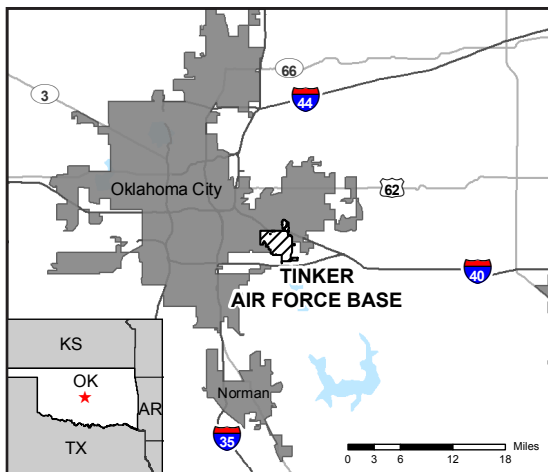


## TINKER AIR FORCE BASE

**Tinker Air Force Base (AFB) supports Air Force and Navy alert missions that require one runway to be open at all times.**

As part of the Strategic Communications Wing One at the base, Navy E-6 squadrons maintain flying and communications link among the White House, ballistic missile submarines, bombers, and missile silos around the world. Because one runway must remain operational at all times to support this mission, it is imperative that Tinker AFB maintains two active runways.

The base's crosswind runway's safety and noise zones are constantly under developmental pressure from nearby Oklahoma City and its suburbs, including potential commercial retail development. This REPI project will implement



recommendations from a Joint Land Use Study to protect these high priority safety and noise zones, with Tinker AFB's partner, Land Legacy, acquiring conservation easements to preserve wetlands, habitat, and water resources.

Additional contributions to the partner cost-share for this REPI project include a donation of a conservation easement and a partial land value donation for a second tract. Conservation of these lands will ensure that Tinker AFB can continue to

use its crosswind runway, making sure it is open and able to support its operational mission, which would otherwise have to deploy or relocate at a significant cost. The easements not only preserve compatible uses that protect the local watershed and floodplain, but also support habitat for rare and at-risk species such as the Texas Horned Lizard.

## BENEFIT SUMMARY

### COMMUNITY

- Supports coordination with existing regional planning efforts, including a Joint Land Use Study
- Preserves habitat
- Preserves water resources

### MILITARY

- Protects aviation maneuver training that produces significant noise
- Increases operational safety
- Supports multiple Service missions

## FAST FACTS FROM FY 2014 THROUGH FY 2024 | Project Status: In Progress

Authority	Transactions	Acres Protected, Managed, or Improved	Total Funds Expended
10 U.S.C. § 2684a	2	19	\$0.5 million

Subtotals may not sum to combined totals due to rounding



Crew members prepare a KC-135 Stratotanker for an air refueling mission exercise (top). The Texas Horned Lizard is a state sensitive species that is actively managed by the installation (bottom).

## KEY PARTNERS

- Land Legacy

## CONTACT

PUBLIC AFFAIRS OFFICE:  
(405) 739-2026

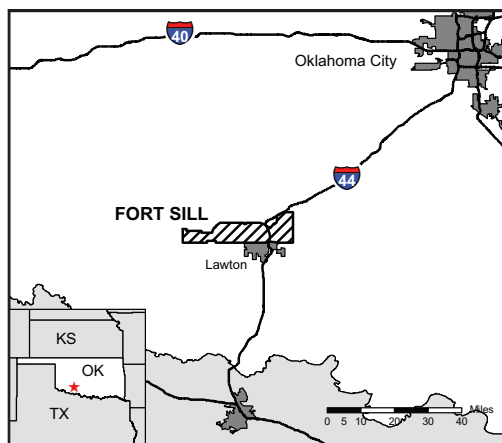




## FORT SILL

**Home to the only artillery school for the Army and the Marine Corps, Fort Sill supports training that provides Soldiers and Marines with the skills to provide timely and effective fire support to ground force commanders in a joint and combined arms environment.**

Training at Fort Sill includes Basic Combat Training and artillery training that requires utilizing the weapon's maximum range, but this requirement brings firing points close to the fenceline. As homes are developed nearby or adjacent to the post, noise complaints could threaten to restrict training activities.



Located in an area with prime agricultural soils and a community eager to protect its working lands, Fort Sill partnered with Land Legacy, a local land trust, to foster an innovative solution to keep those lands in agricultural production. Families keep their farms while easements prevent development pressures from residential housing that can restrict training.

By creatively partnering with the U.S. Department of Agriculture — Natural Resources Conservation Service's Farm and Ranchland

Protection Program, as well as the Comanche County Industrial Development Corporation, among others, Fort Sill buffers a growing urban area from the noise and dust of artillery training while providing economic benefits to local family farms. Landowners, business leaders, conservation groups, local government, and the military are working together to sustain their mutually compatible missions.

## BENEFIT SUMMARY

### COMMUNITY

- Protects working lands for ranching and farming, benefiting the local economy
- Provides habitat for endangered species

### MILITARY

- Preserves ability to conduct live-fire training and other training that produces noise
- Preserves capability for future mission growth and multi-Service exercises



Protecting habitat for the black-capped vireo (bottom) near Fort Sill helps to preserve heavy artillery training, such as that conducted with the Paladin Howitzer (top).

## KEY PARTNERS

- City of Lawton
- Comanche County Commission
- Comanche County Industrial Development Authority
- Land Legacy
- State of Oklahoma
- U.S. Department of Agriculture—Natural Resources Conservation Service

## CONTACT

PUBLIC AFFAIRS OFFICE:  
(580) 442-4500

## FAST FACTS FROM FY 2006 THROUGH FY 2024 | Project Status: In Progress

Authority	Transactions	Acres Protected, Managed, or Improved	Total Funds Expended
10 U.S.C. § 2684a	39	3,767	\$15.5 million

Subtotals may not sum to combined totals due to rounding