

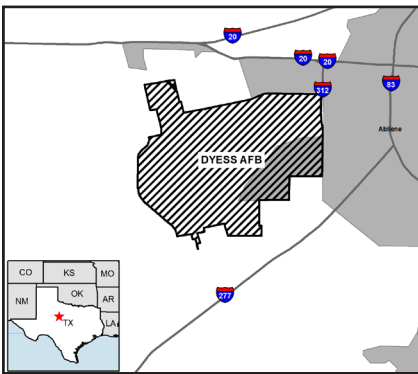


**DYESS AIR FORCE BASE**

**Nestled in arid West Texas, Dyess Air Force Base (AFB) plays a vital role in executing the National Defense Strategy by delivering swift long-range strike capabilities and facilitating the transport of personnel and equipment into combat zones.**

Dyess AFB, equipped with cutting-edge facilities and access to substantial airspace, trains combat-ready aircrews for the B-1B Lancer bomber and C-130J Super Hercules aircraft, with future plans to host the B-21 Raider bomber.

Proposed developments and urban growth near Dyess AFB pose serious encroachment risks to the incoming B-21 mission and jeopardize realistic training for combat aircrews. Additionally, projected stream overflows at Dyess AFB's southern runway due to development and extreme weather events pose potential impacts on all installation missions, flying operations, and training for advanced aircraft and weapon systems. Potential potable water restrictions, wildfire risks, and wind turbine development pose additional threats to missions.



Dyess AFB, the cities of Abilene and Tye, and other partners are working to safeguard key parcels of land along the base perimeter and in the Accident Potential Zones (APZs) from incompatible development. They also aim to protect buffer zones around radar and emitter sites across an eight-county area, including the Moran Weather Radar Site, crucial for detecting extreme weather events in low-level training routes and drop zones. Collaboration also supports Dyess AFB's resilience plan, ensuring mission readiness

through protection and restoration of natural resources. Partnership efforts will reduce flood risks by preserving and increasing permeable surfaces, as well as protecting water supplies for the installation and communities through enhanced surface water flows to the local reservoir. Removing earthen dams, ponds, and water-hungry non-native vegetation will improve natural flow, support sensitive native species, and reduce the risk of bird-aircraft strike hazards (BASH) from waterfowl.

**BENEFIT SUMMARY**

**COMMUNITY**

- Protects farmlands and supports rural economy
- Ensures the protection of endangered species
- Addresses climate challenges to reduce risks from extreme weather events

**MILITARY**

- Supports major training and combat operations
- Implements a holistic resilience and buffer strategy to maximize flight operations
- Mitigates development within APZs and key outlying sites

**FAST FACTS** THROUGH FY 2023 | Project Status: Initiated

Authority	Transactions	Acres Protected, Managed, or Improved	Total Funds Expended
10 U.S.C. § 2684a	–	–	\$75,000

*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.*



*In support of the Bomber Task Force Europe deployment, B-1B Lancers from Dyess AFB engage in short-term deployments across the Atlantic, facilitating rapid agile responses in support of U.S. allies in Europe and Africa (top). Dyess Airmen also demonstrate their capability to swiftly prepare C-130J Super Hercules, showcasing America's Lift and Strike Base's proficiency in achieving dynamic force employment through agile combat employment (bottom).*

**KEY PARTNERS**

- Compatible Lands Foundation
- City of Tye
- Taylor County
- Texas Parks and Wildlife
- U.S. Department of Agriculture

**CONTACT**

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