



REPI

UNITED STATES DEPARTMENT OF DEFENSE
READINESS AND ENVIRONMENTAL
PROTECTION INTEGRATION PROGRAM

PROJECT PROFILES
U.S. AIR FORCE | FLORIDA



TYNDALL AIR FORCE BASE

Tyndall Air Force Base (AFB) is part of a complex of installations, ranges, military operating areas, and airspace in Northwest Florida and the Gulf of Mexico and is essential to maintaining U.S. air dominance with its contingent of F-22 Raptors, the largest in the Department.



The Tyndall AFB airspace will also see an increase in operations by F-35s, including those stationed at nearby Eglin AFB. This airspace connects to the vast Gulf of Mexico Water Ranges that span from Tyndall to Key West and overlays mostly undeveloped lands, offering a unique locational asset.

Given Tyndall's easy access to range assets and its heavy use, with 250 training days a year, the Air Force is working to protect and maintain the

unencumbered nature of its mission footprint. Tyndall is also working to create an "Installation of the Future" as part of their recovery from Hurricane Michael by increasing resiliency from future climate change impacts. This includes protecting the installation's infrastructure, shoreline, and other coastal areas from storm surge and sea level rise. Protecting these areas allows Tyndall to fully utilize unique training capabilities such as a Precision Approach Radar system for pilots to train to land in bad weather or with a damaged aircraft or testing air-to-air missile capabilities.

The REPI partnership at Tyndall AFB has numerous mission benefits as well as environmental benefits. Tyndall AFB's partners are implementing off-shore nature-based coastal resilience projects, developing an overall Coastal Resilience Plan, and leveraging a variety of federal and state funding sources and existing conservation programs to improve mission assurance and increase the resilience of ecosystems on and off base.

BENEFIT SUMMARY

COMMUNITY

- Supports a designated green wildlife corridor
- Protects coastal areas from climate change impacts
- Encourages coordination among federal, state, and local partners

MILITARY

- Ensures that existing compatible areas remain compatible
- Protects aviation maneuver capabilities
- Promotes continued operational safety



Tyndall AFB's location and access to Gulf of Mexico operating areas allows aviators to utilize unique capabilities, such as realistic aerial target practice against unmanned QF-16 drone jets (top). An F-22 takes off from Tyndall AFB to use this capability and evaluate air-to-air weapons systems (bottom).

KEY PARTNERS

- Bay County
- Florida Department of Environmental Protection
- Franklin's Promise
- Jacobs
- Naval Research Laboratory
- The Nature Conservancy
- University of Florida

FAST FACTS THROUGH 30 SEP 2022

- ACRES PRESERVED:
3,047
- TRANSACTIONS CONDUCTED:
1
- TOTAL FUNDS EXPENDED:
\$5.3 million
- PROJECT STATUS:
In Progress

CONTACT

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