



NAS PATUXENT RIVER

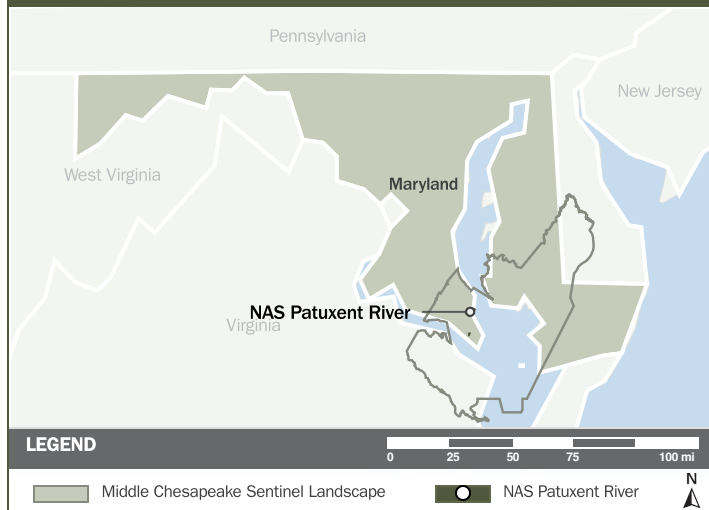
ABOUT THE INSTALLATION

Naval Air Station (NAS) Patuxent River (Pax) and the Atlantic Test Ranges (ATR) consist of land, air, and sea ranges in and around Chesapeake Bay, extending from New Jersey to the Carolinas and making up a large part of the Middle Chesapeake Sentinel Landscape. The installation is the Navy's principal location for the research, development, testing, and evaluation of naval aircraft. ATR's restricted airspace, data-gathering equipment, and instrumentation enables warfighter training missions, experimentation events, and testing and evaluation of aviation and weapons systems.

STRENGTHENING MISSION READINESS THROUGH REPI INVESTMENTS

The Department of War's (DoW) Readiness and Environmental Protection Integration (REPI) Program has played a critical role in safeguarding the military mission at NAS Pax and within the ATR. Through strategic land acquisition and partnership-driven conservation easements, REPI funding has helped prevent incompatible development, preserve highly specialized testing and training, and support installation resilience.

INSTALLATION MAP



REPI IMPACT AT INSTALLATION

\$81.0 million

invested by REPI,
the Navy, and partners
from **FY 2011**
through **FY 2025**

\$41.5 million

in non-Department partner
contributions expended from
FY 2011 through FY
2025

\$7.2 million

in REPI and Navy
funds expended in
FY 2025

18,691 acres

protected from **FY 2011**
through **FY 2025**

Note: Subtotals may not sum to combined totals due to rounding.

PROJECT OVERVIEW

INCOMPATIBLE DEVELOPMENT—10 U.S.C. § 2684A

- NAS Patuxent River and ATR provide an open air laboratory essential for aircraft testing and training, but incompatible development beneath and around the range threatens usable airspace, operational timelines, and long-term installation resilience.
- Expanding residential development introduces noise and safety concerns that force operational workarounds, while emerging technological and energy infrastructure interferes with mission-critical instrumentation and radar.
- Leveraging 10 U.S.C. § 2684a, the installation uses REPI funds to secure restrictive easements that protect the range complex, reduce conflict with surrounding communities, and preserve full-spectrum, cradle-to-grave testing and training in a safe, realistic environment.



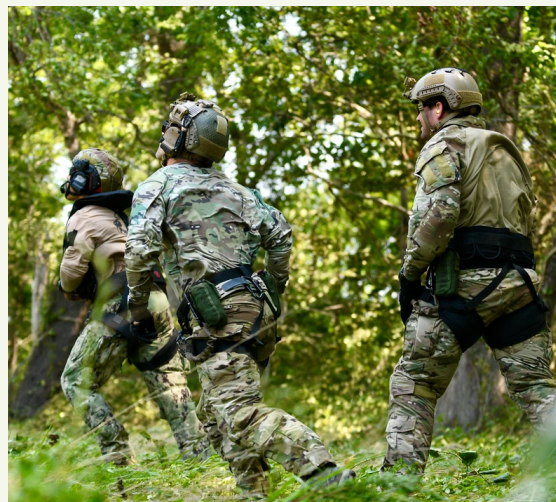


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PROJECT OVERVIEW (CONTINUED)

RESILIENCE-SIKES ACT — 16 U.S.C. § 670c-1

- Urban development around NAS Patuxent River and the Atlantic Test Ranges intensifies the impacts of shoreline erosion, storm surge, and recurrent flooding, threatening helicopter landing zones, testing equipment, and mission-critical infrastructure.
- These environmental pressures jeopardize the installation's ability to support full-spectrum testing and training, increasing long-term risk to aircraft, personnel, and essential range assets.
- Using 16 U.S.C. § 670c-1 authority, NAS Pax and ATR partner with the REPI Program to secure easements that protect forest and coastal wetland habitat around the Chesapeake Bay—benefiting species such as the Northern diamondback terrapin while reducing encroachment, mitigating weather-related risks, and preventing development that would otherwise restrict testing and training operations.



KEY FISCAL YEAR MILESTONES AT NAS PATUXENT RIVER*

2011



NAS Pax and ATR receive REPI funding, establishing the first REPI project at the installation.

2014



The installation receives REPI Challenge funding to acquire easements along the Nanticoke River Conservation Corridor.

2015



The Middle Chesapeake Sentinel Landscape is formally designated, with NAS Pax as the anchoring installation.

2020



NAS Pax and ATR receive REPI Challenge funding for easement acquisitions, strengthening long term installation resilience.

2022



NAS Pax receives REPI Challenge funding for a shoreline restoration project supporting installation resilience.

2023



The NAS Pax Environmental Division receives a Sustainability Award from St. Mary's County for the REPI funded shoreline restoration project.



* These milestones demonstrate how the installation is strategically utilizing the REPI Program to mitigate encroachment risks and enhance mission assurance. While not exhaustive, the list highlights the various approaches installations are using to preserve critical testing and training capabilities essential to national defense.



Subscribe to the REPI Program Listserve by scanning the QR code.

For more information about the REPI Program and supportive DoW efforts, please visit www.repi.mil.