

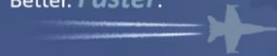


# NAWCAD Rapid Prototyping, Experimentation and Demonstration (RPED)



## WHAT WE DO

Get solutions into the War-Fighters hands.  
Better. *Faster.*



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## HOW WE DO IT



Rapid Prototyping



Experimentation and Demonstration



COCOM Partnership



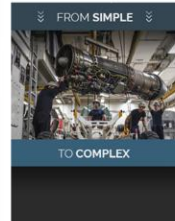
Accelerated Acquisition/DASN (R&E)



Commanders Intent



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## RAPID PROTOTYPING

- ✓ Streamlined approach to prototyping, emerging technologies and engineering innovation in response to Force & Fleet needs
- ✓ Accelerates fielding advanced warfighting capabilities
- ✓ Influences design and build processes
- ✓ Leverages NAWC resources such as prototyping and engineering
- ✓ Partners with industry and academia

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## EXPERIMENTATION / DEMONSTRATION

- ✓ Leverages mission analysis, engineering and prototyping
- ✓ Provides operational-relevant scenarios for experimentation
- ✓ Develop warfare center capabilities for experimentation – ATR, SAIL, NILE and NAWC labs
- ✓ Enables collaboration with other warfare centers

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## DASN (RDT&E)/Advanced Capabilities and Experimentation

- ✓ RPED Director is a dual-hatted SSTM to DASN(RDT&E) for Advanced Capabilities and Experimentation (ACE)
- ✓ National leadership of eight SSTMs
- ✓ Experimentation and prototyping informs technologies and solutions for addressing capability gaps
- ✓ Influences statute policy and procedures
- ✓ Alignment of warfare centers across NRD&E
- ✓ Evaluate future capabilities and technologies in a mission-relevant scenario

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# What is ANTX?

## Advanced Naval Technology Exercise (ANTX)

The ANTX is a forum for rapid prototyping, risk-mitigation early in the development cycle, and introduction of advanced capability to the warfighter.

### ANTX

The Pax ANTX is aligned to “North Star” programs, warfighter gaps, & initiatives. The ANTX provides a venue for risk mitigation leading up to fleet battle problems, fleet exercises, and transition.

ANTX also includes a holistic Live, Virtual, Constructive (LVC) environment to conduct testing, experimentation, and demonstration.

## Benefits of ANTX

- ✓ Return of investment to War Fighter and the Warfare Center
- ✓ Ability for Government, industry, and academia to include technical projects for capability gap fills
- ✓ Opportunity to use acquisition venues and authorities for prototyping and experimentation

*Better. Stronger. Faster.*