

# NAVAIR Technology Insertion (NAVTI) Program

## *NAVTI areas of interest but not limited to:*

- *Prognostic Enterprise Health Management*
- *Wireless Technology for the Cockpit*
- *High Density Power Storage*
- *Improved Lead Free Solder*
- *Energy Harvesting*
- *Power Amplifiers*
- *Gallium Nitrate Processors*
- *Degraded Visual Environment*
- *High Altitude Precision Placement*

## *NAVTI Highlights*

- *Typical awards of \$75,000, with potential for immediate follow-on, in support of technology development*
- *Open submission (no deadline)*
- *Sixty day review cycle*

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For detailed program information visit TEDCO's website at:  
[www.marylandtedco.org](http://www.marylandtedco.org)

TEDCO with NAVAIR and The Patuxent Partnership (TPP) have established a collaborative initiative to explore the potential for incorporating the TEDCO early stage technology development model into the Naval Aviation Enterprise (NAE) Science and Technology strategic plan. This initiative would involve collaborative action on the part of TEDCO, NAVAIR, academia and industry partners in the mid-Atlantic region to find and develop transformational early stage technology to address the capability gaps, Science and Technology Objectives (STO), and corresponding roadmaps identified by NAVAIR and the Commander, Naval Air Forces (CNAF). **The NAVTI will:**

- Identify results from research enterprises that address NAVAIR capability gaps;
- Fund initial collaborations between the research enterprises and industry, especially the entrepreneurial (Small Business) community, to address the ability to meet NAVAIR technology needs;
- Assist the industrial collaborator to identify and fit the requirements of existing Naval technology transition programs to further develop the technology; and
- Assist the NAVAIR Avionics Technical Point of Contact (TPOC) with monitoring and reporting on progress in the funded projects to allow evaluation and maturation of the model.

In order to assist the NAE in leveraging existing and emerging technologies to achieve operational capabilities across multiple warfare areas, TEDCO will establish a test-bed to encourage the development of new technology that can be applied to United States Navy (USN) and United States Marine Corps (USMC) Avionics programs. The **TEDCO-NAVAIR-TPP team** will establish an active outreach program to explore the research portfolios of academia, industry, and military research enterprises in the mid-Atlantic region to identify research results that align with NAVAIR avionics technology needs. The objective is to support early stage technology development and validation activities focused on developing technologies to meet the NAE objectives.

The project team will review the technology transition opportunities with the Program Executive Offices (PEO) and Program Management Activities/Aircraft (PMA). The PEO's and PMA's will then adjudicate the NAVAIR needs and verify whether the proposed technology development has the potential to address the capability gaps in a one to two year time frame and verify the technology fits onto their existing program/project roadmap(s). The outcome of this process will be an invitation to selected research enterprise/industry team to submit a proposal for an initial development project with a **budget of up to \$75,000 and a timeline of 12 months or less.**