



News Release

Advanced Cerametrics
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Advanced Cerametrics Awarded \$750,000 Navair Contract

Lambertville, NJ - May 29, 2009 --

The U.S. Naval Air Systems Command has awarded Advanced Cerametrics, Inc. (ACI) a \$750,000 30-month Phase-II contract for work on next generation tactical missiles. This contract will include development of an advanced ceramic composite radome material with improved thermal shock, high-temperature dielectric, and erosion properties.

A radome is a structural, weatherproof enclosure that protects a microwave or radar antenna. The radome will be developed with environmentally-robust high-tech materials, with optimal transparency for the electromagnetic signals transmitted or received by the antenna.

“We are very proud of the technically effective materials that our team is developing and our ability to advance the technology with NAVAIR” stated Jerry Ruddle, General Manager and EVP.

About Advanced Cerametrics Inc. *Energy from motion™*

Advanced Cerametrics, Inc. (ACI) pioneered the technology to manufacture ceramic in a flexible fiber form. This technology inexpensively captures the positive properties of ceramics (electrical, thermal, chemical, mechanical) and eliminates the negatives of brittleness and weight.

ACI's ceramic fibers and their composite forms offer breakthrough solutions for **harvesting useful power for micro-circuits**, for **active vibration control**, and for creating new **advanced materials**. The Energy Harvester™ provides perpetual electric power from vibration in a compact unit that harvests mechanical energy using fiber composite material and a proprietary power management circuit. Active Vibration Control™ solutions use fiber composites with power management circuits to harvest electricity from vibration, and then use that electricity to cause the fiber composite to reduce vibration, which improves product performance and lengthens product life. ACI's smart materials offer specialty properties including light weight, flexibility, extreme hardness, heat tolerance (among many other qualities) that are now available in fiber form for military, medical, industrial and consumer applications.