



POULOS AIR & SPACE

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FOR IMMEDIATE RELEASE

Poulos Air & Space (PA&S) Wins NASA Small Business Technology Transfer (STTR) Contract

Poulos Air & Space (PA&S) is excited to announce that it has been selected for, and awarded, one of 40 NASA Small Business Technology Transfer (STTR) contracts under the NASA 2011 SBIR/STTR Phase 1 program. PA&S was selected to develop a prototype Active Debris Removal System Architecture Analysis Tool (ADR SAAT) to be used for detailed architectural and business case analysis of Active Debris Removal systems designed to stabilize and then capture unstable space debris for removal or repositioning.

The focus of this contract will be to selected and implement an integrated software framework, adapt it as necessary, and then develop the initial models, functions and interfaces necessary to demonstrate an ADR SAAT prototype capability. The goal will be to provide an ADR SAAT capability to NASA for community-wide development and use for detailed architectural analyses of Active Debris Removal concepts.

With the high public interest and visibility regarding the issue of Orbital Debris, PA&S expects that within the next 5 to 10 years NASA, the DoD, FAA, or other international entity's will require commercial Active Debris Removal services. As such, we are beginning to develop the technologies, systems, and capabilities to address that commercial need now. ADR SAAT, the product of this STTR, will be a critical step towards developing a commercial system capable of safely and effectively stabilizing and capturing for repositioning, or removal, the largest of the debris objects which represent the greatest hazards to the space environment.

The ADR SAAT will allow PA&S, NASA, and other entities to perform the systems engineering trades and analyses to optimize their technologies, develop system level requirements, and define viable business cases, all critical elements in developing concepts which will attract commercial investment and development.

Further information about the NASA STTR 2011 Phase I Selection is available at the NASA SBIR/STTR Website: <http://sbir.gsfc.nasa.gov/SBIR/SBIR.html>.

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