

Advatech Receives Tasks to Expand and Enhance the Integrated System and Cost Modeling (ISCM) Tool Suite (August 2009)

Advatech is providing AFRL with realistic cost, schedule, and performance estimates and analysis support of launch vehicle systems to replace the EELV, which is scheduled to be phased out by 2030. Using the ISCM suite of tools, Advatech also will assess system concepts for effectively sustaining the solid motor industrial base and the use of Air Force space system to support NASA programs.

For almost a decade Advatech has been developing integrated engineering design and analysis tools for DoD. The hard-won advancements and lessons learned have been incorporated into Advatech's ISCM Tool Suite. ISCM is database driven and currently supports Launch Vehicles, Spacecraft, Boosters, and Post Boost Vehicles. It provides an integrated assessment of performance, cost, schedule and risk for the system architectures being evaluated. The tool suite uses historical information, along with its extensive data base of existing launch vehicles and components that can be used as a starting design and/or modified to quickly assess any desired vehicle configuration. ISCM provides life cycle estimates for performance, schedule, cost, and risk. Since the Concept of Operations (ConOps) is key to mission suitability and drives critical system and infrastructure decisions, it is included in the evaluation, along with the derived facility and labor requirements.

=====

Advatech Receives a Subcontract to Support of Army Space and Missile Defense (SMDC), (September 2009)

Advatech will provide systems engineering and analysis & design support services to SMDC through their Space & Missile Defense Initiative Support (SMDIS) III contract. The SMDIS III provides planning, integration, control, and coordination of Army forces and capabilities in support of US Strategic Command Missions. Advatech's specific role will be to perform analysis of missions and system concepts in support of the Prompt Global Strike (PGS) initiative.

=====

Advatech Pacific Awarded Contract to Develop Integrated Modeling and Simulation Tools to for Advanced Propulsion Concepts Supporting Current and Future Air Force Missions (January 2010)

The Air Force faces and must respond to ever changing requirements to insure US access to, and operations in, space. Air Force Research Laboratory (AFRL) mission is to explore and assess new technologies that have the potential for maintaining the Air Force's space superiority. Advatech's analysis of new technologies and system concepts provide our AFRL customers with technical feasibility assessments for near-term and future technology investments.

=====

Advatech Pacific's Integrated Tools Presented at ANNAF 7th Modeling and Simulation Conference in Colorado Springs, CO (May 2010).

Congress passed the Defense Acquisition Reform Act of 2010 to gain better oversight into the reasons for an apparent systemic problem with cost and schedule overruns on most Defense Major Acquisitions. Advatech presented the Integrated ISCM suite of tools and concepts for performing early physics-based and cost/risk-based acquisition development planning and subsequently assessing program changes that affect cost/risk, schedule, and performance.