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Applied Dynamics International's ADvantage Real-Time Simulation Framework Selected by Gulfstream Aerospace for Aircraft Development

Ann Arbor, Mich., July 5, 2005 – Applied Dynamics International today announced that Gulfstream Aerospace has selected the ADvantage real-time simulation and desktop cosimulation framework for the development of advanced aircraft technologies. The ADvantage framework will enable Gulfstream to expand their use of real-time simulation and is a significant indication of Gulfstream's commitment to advanced aircraft technologies.

Melissa Wright, President, Applied Dynamics, said: "It's a pleasure to see ADI tools used to support the development of industry leading aerospace technology. Gulfstream is recognized as the leader in the business jet market industry and we are pleased to be working with them."

Today, aerospace and defense programs are relying more on advanced electronic systems to improve and enhance platform capability. As a result, the flight test systems are more complex and potential design flaws must be discovered well before flight test begins. Real-time aircraft simulation is used in integration labs to develop and verify electronic features before they reach the production line. These integration labs enable test pilots to take new electronic features through the paces on the ground in a controlled environment before they are tested using more expensive flight tests. Efficient integration labs reduce the cost and time to market for new technology.

ADvantage is an efficient and scalable simulation framework used to combine models developed using popular simulation tools such as Simulink®, electrical interfaces such as ARINC-429 and MIL-STD-1553, and embedded controller code, to develop and test advanced aircrafts, land vehicles, spacecrafts, weapon systems and more.

Applied Dynamics International, a pioneer in the development, manufacture, and application of simulation and control system technology for 47 years, was founded by four members of the University of Michigan faculty in 1957. ADI is a supplier of advanced embedded hardware and software development tools for the aerospace, automotive, defense, electronics and other related industries. Headquartered in Ann Arbor, MI, Applied Dynamics International also has offices in the United Kingdom, installations in 23 countries and representatives throughout the world. Visit ADI at www.adi.com

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