

For Immediate Release:

Applied Dynamics International and Gulfstream Aerospace Build State-of-the-Art Advanced Aircraft Simulation and Test Facility in Savannah

November 19, 2014 Ann Arbor, Michigan.

Applied Dynamics and Gulfstream Aerospace recently finished building a state-of-the-art simulation and test facility at Gulfstream's Research and Development Campus in Savannah, Ga. The facility supports the development of Gulfstream's G500 and G600 aircraft programs, which the company announced on Oct. 14.

The new Gulfstream laboratory and the latest Applied Dynamics software and integrated systems build on the development and test beds for the G280, G550 and G650 aircraft. The new facility provides Gulfstream with fully featured model-based systems engineering tools and program support, including iron bird, avionics integration, and cockpit development for the new Gulfstream Symmetry™ Flight Deck.

The facility will be used to accomplish vendor integration, aircraft dynamics, training, and analysis from conceptual development, to first simulated flight, to regulatory approval, to first test flight, and on to continued support for the life of the program. This approach reduces flight time and vendor management costs while increasing test fidelity.

"Gulfstream is a pioneer of innovation with their latest aircraft technology developed with an exemplary use of model-based systems engineering methodology and technology," said Scott James, president and CEO of Applied Dynamics, "and Applied Dynamics is very proud to be a technology partner in this aviation renaissance."

Gulfstream Aerospace uses Applied Dynamics as a technical partner for hardware-in-the-loop, software development, systems integration benches, iron birds, integrated test beds, and engineering services to support their full family of aircraft. This major new systems and services contract strengthens the relationship and will provide Gulfstream with a facility to showcase what is possible in simulated environments for aircraft development.

About Applied Dynamics, Applied Dynamics helps companies make better use of simulation assets through all stages of product development, verification testing, demonstration, training, and maintenance. Applied Dynamics flagship product, the ADvantage Framework, is a model based systems engineering software platform providing an agile, feature-rich environment for supporting product lifecycle through development, integration, verification, certification, and maintenance. ADvantage embraces an open architecture and allows its users to leverage best-in-class COTS and open source technologies. The ADvantage user base includes more than 50% of the Fortune 500 aerospace and defense companies and extends into marine, power systems, oil & gas, and the automotive industry.

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