

## **NEWS RELEASE**

**CONTACT:** Harry De Meijer  
Applied Dynamics International  
Phone: (734) 973-1300  
Email: adinfo@adi.com

**DATE:** June 10, 2000

For Immediate Release

### **ROLLS ROYCE SELECTS ADI'S BEACON SOFTWARE TOOL FOR NIMROD UPGRADE PROGRAM**

ANN ARBOR, Michigan - Applied Dynamics International, Inc. (ADI) today announced that British Aerospace Military Aircraft and Aerostructures (BAe) will use ADI's BEACON software tool to design the General Systems Utility Systems Management System (USMS) software on the NIMROD MRA4. BAe will upgrade the Royal Air Force's (RAF) current fleet of 21 NIMROD MR Mk2 maritime patrol aircraft to NIMROD MRA4 standards.

The General Systems USMS computers monitor and control a number of sub-systems ranging from fuel management and gauging to waste water. The computers will autonomously control these sub-systems and display data and status information in the cockpit when required. BEACON is used to graphically specify, automatically code, and unit test embedded software to safety-critical standards.

"With the first flight of the NIMROD MRA4 scheduled for early 2000, we have a very challenging development time schedule," said Steve Wheatley, BAe's Software Development Group Leader. "The software development lifecycle has had to change while maintaining integrity; the General Systems USMS software is Integrity Level S4. To achieve this, we needed to automate as much of the design process as possible using concurrent engineering and tools like BEACON."

In addition, Mr. Wheatley explains, BAe chose BEACON "because of its low-level design expression, auto-code generation capabilities and because of BEACON's success in other safety-critical aircraft development programs in the United States. We found ADI to be a capable and very adaptable supplier in this technically changing environment."

"ADI is pleased that BAe has selected BEACON as a software design tool for the NIMROD upgrade program," said John McIntosh, President and CEO of Applied Dynamics International. "As we have seen with other customers, we're confident that BEACON will help BAe meet its aggressive software development cycles."

Applied Dynamics International is a supplier of advanced embedded hardware and software tools for the aviation, aerospace, automotive, defense, electronics and other related industries. In addition to its Michigan headquarters, ADI has an international office in the United Kingdom and installations in 23 countries and representatives throughout the world.

###