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## **Honeywell To Use High Band-Width TTP Databus In New APEX™ Cockpit**

### **New Databus To Reduce Wiring, Aircraft Weight And Costs**

SUN 'N FUN, Lakeland, Florida, April 8, 2001 -- Honeywell [NYSE: HON]

announced today that it will use the high-speed Timed Triggered Protocol (TTP) databus for its new line of APEX™ integrated cockpits for general aviation aircraft and helicopters.

Honeywell will use a five megabits per second databus that will be implemented jointly with TTTech AG of Austria to support all APEX systems. TTP® provides the ability to transmit key flight information, including data from the attitude, heading and air data sensor system, radios, flight controls and safety systems, as well as data from non-essential systems.

“The data needed to make APEX the next generation avionics suite for general aviation must be transferred through a high-bandwidth information network designed to keep the databus on line, even if there is an internal error, keeping the flight display in operation for the pilot” said Chad Cundiff, APEX product manager, Honeywell Business, Regional and General Aviation.

TTP will be certified to the highest critically levels. It is also being developed for critical automotive applications such as drive by wire and brake by wire. In order to meet the requirements for these critical applications, Honeywell and TTTech have entered a

partnership to develop and test the implementation of the Time Triggered communication architecture utilizing the strengths of both companies.

The information will power a new cockpit display system that will utilize Honeywell's Visual Cueing and Control, VC<sup>2™</sup>, to provide significant enhancements in pilot performance by replicating the cues a pilot sees flying on a clear day. VC<sup>2</sup> improves a pilot's situational awareness by eliminating the need to continuously interpret a variety of different dials and then form a mental picture of the aircraft's position. Instead, VC<sup>2</sup> integrates information in a way that is familiar and natural for a pilot. The system is designed for aircraft ranging from the smallest single-engine airplanes and helicopters through light jets that can be flown with one pilot.

“APEX is the next step in the continuation of Honeywell's commitment to flight safety,” Cundiff added. “It uses a number of technologies developed from across Honeywell, such as Honeywell's Digital Engine Operating System (DEOS) which was developed for Primus Epic, Honeywell's new integrated avionics suite for business aircraft. DEOS meets the FAA's “Level A” availability and reliability requirements, which qualifies it for use in flight critical systems and is much more robust than the operating systems developed for personal computers,” he said

APEX scalable architecture combined with the TTP databus accommodates a large number of system configurations for various aircraft, including access to third-party devices. New functions to the APEX system can be easily added to accommodate growth in areas such as communication, navigation /air traffic management (CNS/ATM).

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TTTech (Time-Triggered Technology) is the world's leading supplier of TTP<sup>®</sup> related technology and software-tools. TTTech's products enable customers to build TTP-based systems quickly and efficiently. These comprise TTPtools<sup>™</sup>, an integrated software development environment for TTP<sup>®</sup> based systems, and a variety of hardware products based on the TTP<sup>®</sup> controller chip. TTTech also provides a broad range of services, from training courses on TTP to worldwide product and project support. Further information on TTTech is available at [www.tttech.com](http://www.tttech.com).

Honeywell's aerospace business has sales of \$10 billion and is headquartered in Phoenix, Arizona, USA. It is a leading global provider of integrated avionics, engines, systems and service solutions for aircraft manufacturers, airlines, business and general aviation, military, space and airport operations.

Honeywell is a US\$25-billion diversified technology and manufacturing leader, serving customers worldwide with aerospace products and services; control technologies for buildings, homes and industry; automotive products; power generation systems; specialty chemicals; fibers; plastics; and electronic and advanced materials. The company is a leading provider of software and solutions and Internet e-hubs including MyPlant.com and MyFacilities.com, and it is a founding member of Cordiem, LLC, an aerospace industry business-to-business Internet exchange and applications service provider. Honeywell employs approximately 120,000 people in 95 countries and is traded on the New York Stock Exchange under the symbol HON, as well as on the London, Chicago and Pacific stock exchanges. It is one of the 30 stocks that make up the Dow Jones Industrial Average and is also a component of the Standard & Poor's 500 Index. Additional information on the company is available on the Internet at [www.honeywell.com](http://www.honeywell.com).

This release contains forward-looking statements as defined in Section 21E of the Securities Exchange Act of 1934, including statements about future business operations, financial performance and market conditions. Such forward-looking statements involve risks and uncertainties inherent in business forecasts as further described in our filings under the Securities Exchange Act.

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