

PRESS RELEASE

For Immediate Release
Friday, July 23, 2004

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Call: (301) 317-6568

AirplanePDQ Version 5 Takes off

Laurel, MD – Today, DaVinci Technologies, developers of the award-winning AirplanePDQ software, began shipping its 5th major release of the program. Dr. Gil Crouse, Jr. founder and president of DaVinci Technologies said, “Initial response to the new version from our users has been outstanding. We’ve incorporated many suggestions from our users to make this the best AirplanePDQ yet.” One customer and beta tester, a mechanical design engineer with over 20 years experience in the aerospace industry, commented,

“I think these products [AirplanePDQ and Airfoil Optimizer, a companion product] are the best design tools available to the layman for preliminary aircraft design. They are easy to use, relatively bug-free, well documented and an excellent value.”

With new FAA rules for light-sport aircraft taking effect September 1st, the AirplanePDQ software is well positioned to help designers and aviation enthusiasts create new designs to meet the expected demand in the light-sport aircraft category. Said Crouse, “The new light-sport aircraft category has the potential to revolutionize the experimental and light, general-aviation industry. AirplanePDQ is ideally suited for development of this type of aircraft and will help designers produce safe and appealing light-sport aircraft.”

About the New AirplanePDQ v5

The new release of **AirplanePDQ** takes the product well beyond last year’s version that featured stunning *three-dimensional graphics*; this year’s release of AirplanePDQ v5 incorporates numerous additional features into its award-winning design. New **three-dimensional lofting** capabilities allow for easier fuselage shape development. Responding to popular demand, the new AirplanePDQ offers more flexibility with support for **complex wing shapes** such as strakes and winglets. With the ability to insert wings or stabilizers anywhere on the design, it can model almost **any aircraft configuration**. Previous versions of AirplanePDQ focused solely on powered aircraft, but the new version can be used for **sailplanes** and will calculate lift-to-drag ratios and minimum descent rates. The new version continues its support of the X-Plane flight simulation program and offers compatibility with **X-Plane version 7**. Even with all of these great new features, AirplanePDQ is easier to use than ever and has a significantly **expanded online help system** to help users take advantage of its power.

About AirplanePDQ

AirplanePDQ, first released in September 2000, is a multiple award-winning conceptual design tool for light-sport aircraft, ultralight, and experimental aircraft. Its intuitive structure is easy for amateur airplane designers to use and is praised by both amateur and professional users. It integrates aircraft sizing and analysis tools with a full-featured computer aided design package so that the designer can focus on the look and layout of the aircraft while the software performs the detailed analysis calculations. The software assists with the initial sizing of the aircraft to achieve specified goals, with performance analysis to understand the expected flight envelope of the design, and with weight and balance to ensure that the center of gravity range of the airplane will be sufficient for the expected loading conditions. Designed by 38-year-old aerospace engineer Gil Crouse, Jr., Ph.D., AirplanePDQ enables would-be airplane designers to experiment with their design ideas for a completely new airplane, or analyze modifications to existing designs. “This may not be ‘airplane design for dummies,’ but it’s pretty close.” Crouse said, “What we’ve done is take the tedious computational work out of the design process so that a person without an engineering background can enjoy experimenting with various design ideas without getting bogged down in the math.”

The new AirplanePDQ can be ordered from the company web site at www.davinci.aero or via phone at (877) 334-4731 or (301) 317-6568.

About DaVinci Technologies

DaVinci Technologies, Incorporated was formed in 1999 and is based in Laurel, MD. The company develops and markets computer software for aircraft designers and aviation enthusiasts. More information is available at the web site: www.davinci.aero or through email at info@davinci.aero. For an interview or for further information, call (301) 317-6568.



DaVinci Technologies, Incorporated

PO Box 5159, Laurel, MD 20726-5159
Voice: (301) 317-6568 Fax: (208) 485-7749
info@davinci.aero
www.davinci.aero



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