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Innovative Solutions & Support Flight Management System in Operation on Eclipse Twin-Engine Jet

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EXTON, Pa.--(BUSINESS WIRE)--Innovative Solutions & Support, Inc. (IS&S) (NASDAQ:ISSC) announced today that its Flight Management System (FMS) is in operation on the Eclipse Aerospace Twin-Engine Jet.

The IS&S developed FMS and dual WAAS/SBAS Beta-3 GPS receivers are approved to TSO C-146c and TSO C-145c respectively. The system received Type 2 LOA in compliance with AC20-153A and RTCA DO-200A navigation data.

“Eclipse Twin-Engine Jet operators are now able to upgrade their aircraft with an Integrated Flight Management System through Eclipse Aerospace,” said Roman Ptakowski, President of IS&S. “The Avio IFMS avionics suite is one of the most advanced cockpits available on any aircraft. The thirteen microprocessors in the IS&S displays control all major aircraft systems. Improvements to e-Chart, mapping, and satellite weather functionality along with FMS precision navigation give the Eclipse Twin-Engine Jet unrivaled performance.”

The Flight Management System features:

- Coupled WAAS/LPV Approaches
- Performance Based Top of Descent
- RNP 0.1 nm Precision
- Coupled Enroute GPS Navigation
- Coupled Missed Approach
- Coupled Procedure Turn
- Coupled Holding Patterns
- Automated Airway Entry
- Coupled Offsets

The E-chart feature is enhanced to allow selection from a list of applicable charts based on the flight plan and to view nearest airports. Charts may be overlaid on the moving map to improve situational awareness.

The update includes improved Mapping functions such as:

- Overlay of Flight Plan
- Airspaces
- Airways (both High and Low)
- Runway Depictions
- Navigation Aids
- Intersections

XM satellite weather data display has been expanded to depict:

- Airport information and local weather
- Canadian NEXRAD
- METARs
- TAFs
- Graphical presentation of freezing levels and winds aloft

Flight Management data is presented on the Avio IFMS MFD, a high resolution 15” LCD multifunction display in detailed text as well as graphically on the moving map. The intuitive user interface provides the pilot with simplified data entry through integrated bezel pushbuttons and encoders as well as the externally mounted keyboard.

Eclipse Aerospace is offering the Integrated Flight Management System as part of the Total Eclipse package.

About Innovative Solutions & Support, Inc.

Headquartered in Exton, Pennsylvania USA, Innovative Solutions & Support, Inc. (www.innovative-ss.com) is a systems integrator engaged in the design, manufacture and marketing of Flat Panel Display Systems, Air Data equipment, Flight Information Computers, Engine and Fuel Measurement and Control Computers, and advanced monitoring systems that measure and display critical flight information. This includes data relative to aircraft separation, airspeed and altitude as well as fuel and critical engine parameters.

Certain matters contained herein that are not descriptions of historical facts are "forward-looking" (as such term is defined in the Private Securities Litigation Reform Act of 1995). Because such statements include risks and uncertainties, actual results may differ materially from those expressed or implied by such forward-looking statements. Factors that could cause results to differ materially from those expressed or implied by such forward-looking statements include, but are not limited to, those discussed in filings made by the Company with the Securities and Exchange Commission. Many of the factors that will determine the Company's future results are beyond the ability of management to control or predict. Readers should not place undue reliance on forward-looking statements, which reflects management's views only as of the date hereof. The Company undertakes no obligation to revise or update any forward-looking statements, or to make any other forward-looking statements, whether as a result of new information, future events or otherwise.

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