Published on *Innovative Solutions & Support* (https://presscenter.innovative-ss.com) on 10/29/12 11:52 am EDT

Innovative Solutions & Support Introduces Cockpit/IP® II Flight Deck for Business/General Aviation Jets

Release Date:
Monday, October 29, 2012 11:52 am EDT

Terms:

Dateline City:
EXTON, Pa.

EXTON, Pa.--(BUSINESS WIRE)--Innovative Solutions & Support, Inc. (NASDAQ:ISSC) announced today that it has developed its NextGen Cockpit/IP® II flight deck for business and general aviation aircraft. The Cockpit/IP II is an advanced next generation design that includes significant innovations in aircraft systems design to improve overall operations, direct operating costs, technology, comfort and performance. The system supports dual flight management systems, electronic-charts, satellite weather, synthetic vision, integrated TAWS and enhanced vision (FLIR) and has been developed from the experience gained on commercial air transport and OEM programs.

Innovative Solutions & Support's President Shahram Askarpour stated, "The Cockpit/IP II flight deck is one of the most advanced cockpits available on any aircraft. The microprocessors in the IS&S displays control all major aircraft systems including Electronic Flight Bag applications, Radios, Transponders and Radars. FMS precision navigation and Synthetic Vision give pilots unrivaled performance. The Cockpit/IP II has a 60% larger display area and more display pixels than latest generation aircraft and is fully compliant with NextGen requirements for RNP and ADS-B."

The Integrated Flight Management System features include:

- Coupled WAAS/LPV Approaches
- Full RNP compliance to DO-236B with better than 0.1 nm precision
- Required Time of Arrival (4D trajectory to each waypoint)
- Dual Flight Management System with Synthetic DME capability
- Dual IS&S Beta 3 GPS Receivers compliant with ADS-B out requirements
- Accuracy < 3m <1m differential
- ADAHRS
- Dual remote radio controls
- Remote Audio Control and Management

The Integrated Electronic Flight Bag features include:

- Airport Diagrams and Approach
- Moving Maps with Overlay of:
  - Flight Plan
  - Airspaces
  - Airways (both High and Low)
  - Runway Depictions
  - Navigation Aids
  - Intersections
- XM satellite weather supports all available weather services
- Electronic Checklists
- Display and Control of Enhanced Vision System/FLIR

Video data is presented on the LCD multifunction display.

The IS&S developed Integrated Multifunction Standby Unit (IMSU) is also incorporated in the Cockpit/IP II platform. The IMSU provides pilots with an unmatched performance in stability and accuracy of attitude, heading and air data parameters.

Mr. Askarpour continued, "We design all of our products to meet the most stringent industry requirements as well as to easily accommodate foreseeable future needs. The Cockpit/IP II flight deck is equally suitable for owners of both newly manufactured aircraft and aircraft in need of an upgrade."

About Innovative Solutions & Support, Inc.

Headquartered in Exton, Pa., Innovative Solutions & Support, Inc. (www.innovative-ss.com) is a systems integrator that designs and manufactures flight guidance and cockpit display systems for Original Equipment Manufacturers (OEM's) and retrofit applications. The company supplies integrated Flight Management Systems (FMS) and advanced GPS receivers for precision low carbon footprint navigation.

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.

Photos/Multimedia Gallery Available: http://www.businesswire.com/cgi-bin/mmg.cgi?eid=50457809&lang=en

Language:
English

Contact:

Innovative Solutions & Support, Inc.
Jason Zywalewski, +1-610-646-9800 ext 609
jzywalewski@innovative-ss.com

Ticker Slug:
Ticker: ISSC
Exchange: NASDAQ

Source URL: https://presscenter.innovative-ss.com/press-release/innovative-solutions-support-introduces-cockpitip-ii-flight-deck-businessgeneral-aviat