Published on *Innovative Solutions & Support* (https://presscenter.innovative-ss.com) on 10/15/18 12:00 pm EDT

IS&S ThrustSense Full Regime Autothrottle Programs to be Certified with Additional Capability

Release Date:
Monday, October 15, 2018 12:00 pm EDT

Terms:

Dateline City:
EXTON, Pa.

EXTON, Pa.--(BUSINESS WIRE)--Innovative Solutions & Support, Inc. (IS&S) (NASDAQ: ISSC) will be completing ThrustSense certification of the King Air early 2019 with additional capability including Vmc_a Mitigation and Hot Start Protection. The FAA certified full regime PC-12 autothrottle will also be adding Hot Start protection and In-trail Spacing to the STC during the same timeframe. In addition, the King Air and PC-12 ThrustSense Systems provide FADEC like functionality while providing speed envelope protection easing pilot workload and increasing situational awareness.

For King Air Vmc_a Mitigation, ThurstSense continually monitors multiple engine parameters and will detect the loss of an engine then computes the amount of rudder authority loss due to the reduction of airflow over the rudder. It uses this to calculate the reduction in thrust from the remaining engine to prevent hazardous yaw. Real-time monitoring of YAW provides additional safety in engine-out conditions. Hot Start Protection on the King Air and PC-12 will provide a warning to the pilot of an impending hot start allowing the pilot to close the Fuel Cut Off Lever to protect the engine. In-trail spacing will be available on the IS&S PC-12 4D NexGen Flight Deck equipped with ThrustSense enabling the pilot to automatically follow an airplane, along its track at a constant speed/distance as requested by ATC.

The IS&S Autothrottle, ThrustSense, is offered as a standalone installation integrated with the Company's Integrated Stand by Unit (ISU) or with one of its two 4D NexGen Flight Decks. These 4D Systems will be on display and demonstrated at the NBAA Convention, Indoor Static 4 from October 16-October 18 in Orlando.

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.

Language:
English

Contact:

Innovative Solutions & Support, Inc.
Tom Grunbeck, +1-484-502-6658
tgrunbeck@innovative-ss.com

Ticker Slug:
Ticker: ISSC
Exchange: NASDAQ

Source URL: https://presscenter.innovative-ss.com/press-release/iss-thrustsense-full-regime-autothrottle-programs-be-certified-additional-capability