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Rockwell Collins Showcases Pro Line Fusion® for Commercial Helicopter Platforms at HeliTech International 2015

New demonstrator on display at the London helicopter expo.



The flexible and modular Rockwell Collins Pro Line Fusion® integrated avionics system has been selected for 20 aircraft, including business jet, air transport, tilt-rotor and military flight decks. It's even been flight tested as an unmanned aerial system ground station.

For the first time, the demonstrator will be showcased at the Helitech International Helicopter Expo and Conference 2015 in London. The award-winning system made its entrance into the commercial helicopter market earlier this year, with the company recently announcing an agreement with Airbus Helicopters and Vector Aerospace to jointly develop and market the integrated avionics solution to upgrade Airbus Helicopters platforms.

The brand new Pro Line Fusion demonstrator will make its first appearance at Helitech in the Rockwell Collins exhibit (Stand K31) where visitors can fly the rotary wing avionics solution.

Featuring advanced graphical interfaces, intuitive icons and easily configurable multi-function display windows, Pro Line Fusion makes it easy for pilots to keep their eyes forward, with the right information in the right place. Now, pilots can more naturally and effectively stay focused on the mission during all phases of flight and in all flying conditions.

With an intuitive layout that can be preconfigured to match specific operational scenarios, the system offers a variety of innovative technologies designed to reduce pilot workload and enhance situational awareness.

The mission-specific operational profiles include offshore platform approaches, hover in place, extended search and rescue patterns, and other critical mission capabilities. Combining large, high-resolution displays with the ease of touch-screen operations (complemented by intuitive keypad and cursor controls), Pro Line Fusion can meet the demands of any helicopter mission today and for the future.

In addition to Pro Line Fusion, Rockwell Collins will also showcase the following technologies for commercial helicopters:

HeliSure flight situational awareness

HeliSure delivers sensor data in real time through an intuitive user interface that features 3D visualization for information that pilots can easily, quickly and effectively process. The first two products of the HeliSure family are Helicopter Synthetic Vision System (H-SVS) and Helicopter Terrain Awareness and Warning System (H-TAWS), which have been selected by AgustaWestland for the AW149, AW189, AW101 and AW169 platforms.

RTA-4100 MultiScan Weather Radar

The RTA-4100 MultiScan Weather Radar represents a major step forward in automation for helicopter flight crews. The system automatically scans ahead of the aircraft and combines the returns through advanced digital processing and analysis algorithms to display not just precipitation rates, but the actual weather threats.

DF-500 Direction Finder

The highly capable DF-500 system pinpoints distress signals with unmatched accuracy and reliability. It enables aircraft to receive and immediately locate activated 406 MHz Emergency Position-Indicating Radio Beacon (EPIRB) signals, allowing crews to go directly to people in distress.

For more information, please visit www.rockwellcollins.com.