

News Release

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Cobham Selected by Embraer for EMB-312 Tucano Avionics Upgrades

LE BOURGET, Paris – Cobham has been chosen by Embraer to provide an advanced flight display system for 14 EMB-312 Tucanos being upgraded for the Colombian air force beginning in 2012. The highly integrated suite features large-format synthetic vision flight displays, advanced flight management capability, integrated hazard alerting, and integrated engine displays and master caution system. Growth options include a digital autopilot with 3-D autoflight capability and automatic stall/overspeed protection and simulated tactical radar training using virtual scenarios.



Cobham is a trusted supplier of avionics and other subsystems for all major aircraft manufacturers as well as militaries around the world, and has built a reputation for innovation and safety-critical system performance in harsh conditions. Cobham was the first avionics company to certify synthetic vision and highway-in-the-sky navigation and is already delivering area navigation and approach capabilities that comply with the FAA's NexGen 2020 airspace plan.

“This system will extend the life of Tucanos and provide operational capabilities that are currently unavailable in this class of aircraft,” said Roger Smith, general manager of Cobham Commercial Systems’ Mineral Wells facility.

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The EMB-312 Tucano is a tandem-seat, single-turboprop aircraft operated by military training organizations around the world. The Cobham system features both basic flight instrumentation and military HUD (Head-Up Display) symbology, along with advanced concepts such as up-front mission control and menu-driven systems to effectively prepare student military aviators to confidently move into the next phase of the training curriculum.

About Cobham

Cobham specializes in meeting the insatiable demand for data, connectivity and bandwidth in defense, security and commercial environments. Offering a technically diverse and innovative range of technologies and services, the Group protects lives and livelihoods, responding to customer needs with agility that differentiates it. The most important thing we build is trust. Employing more than 11,000 people on five continents, the Group has customers and partners in over 100 countries, with annual revenue of some £1.9bn / US\$3 billion.

About Cobham Commercial Systems

Cobham Commercial Systems is a leading provider of integrated avionics systems, emergency locator systems and radar and missile electronics for military and civil customers. Cobham's avionics systems can be offered individually or integrated to provide an entire cockpit. Its synthetic vision Electronic Flight Instrument System (EFIS) revolutionized safety in low-level flight operations and is now approved on more than 700 aircraft and helicopter models. Cobham's new Helicopter Stability Augmentation System (HeliSAS) adds to its extensive range of fixed wing auto-pilot solutions and brings added safety within the reach of a host of operators for whom such systems were previously too expensive and heavy. Cobham Commercial Systems is also an acknowledged expert in Emergency Locator Transmitter and Personal Locator Beacon technologies, from personal units to Original Equipment Manufacturer mounted systems on airliners and helicopters. Its radar and missile RF front end electronics are part of many radars, missiles, and space and commercial radar systems as well as leading edge Active Electronically Scanned Array (AESA) solutions.



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Contacts:

Media Relations

Greg Caires

+ 1 703 414 5310

greg.caires@cobham.com

Investor Relations

Julian Wais

+44 (0) 1202 857998

julian.wais@cobham.com