

News Release

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Cobham Announces New FANS Upgrade Solution for Business Jets

Chicago Jet Group to add the Cobham AVIATOR 300D and Avionica avWiFi to its F900 STC package to bring SB-S connectivity for cockpit and cabin



The Falcon 900B/C/EX series will be certified for the installation of Cobham's AVIATOR 300D. Credit: CJG

22 May 2018 (LYNGBY, Denmark): At this year's EBACE (29th to 31st May, Geneva, Booth O105), Cobham announces a new cost-effective communications upgrade option bringing all the benefits of Inmarsat's SB-S technology platform and FANS 1/A compliance to business jets.

Enabled by the development of an STC on a Chicago Jet Group (CJG)-owned Falcon 900 aircraft, this joint Cobham and CJG initiative brings a solution to the market that will allow operators to fly preferred



FANS routes with CPDLC and ADS-C functionality, while also servicing passengers with high speed data services, all via a single channel of SwiftBroadband. This will be accomplished by combining Cobham's Next Gen AVIATOR 300D satcom system with partner Avionica's avWiFi intelligent router. The revised STC will cover the Falcon 900 B/C/EX series with the potential for development on other airframes.

By providing direct satellite data link communication between the pilot and Air Traffic Control, operators can fly the most direct routes in the years ahead and bring critical safety, navigational and performance data directly into the cockpit to reduce pilot workload,

increase efficiency and improve overall operational safety. The complete segregation of safety and non-safety related voice and data connectivity ensures that international business travellers in the cabin will have access to connectivity for voice calls and internet.

Scott Beutel, Regional Director, Satcom Aero, Cobham, said: "As the only SB-S approved system currently flying, our AVIATOR satcom products are already allowing airlines to operate FANS routes over SwiftBroadband, so it's exciting to bring this technology to the business jet market. Like the airlines, business jet owners are embracing the concept of a fully connected flight deck as it will provide them with a new level of improved operations which will translate into an improved financial bottom line.

"There is a compelling advantage to upgrading communications equipment on board your aircraft, so we are pleased to work with our partners CJK and Avionica to enable an easy and cost-effective solution that ensures our Next Gen AVIATOR 300D and 350D systems are available to more customers."

Mike Mitera, President of Chicago Jet Group, added: "When Cobham approached us about the AVIATOR 300D and Avionica avWiFi package, we were very excited to work with them and develop an STC to bring this cost-effective cockpit and cabin connectivity solution to our customer base. Chicago Jet Group has been leading the way in researching FANS solutions and securing approvals for multiple retrofit FANS STC's so that we can equip operators to meet global navigation mandates. In addition to supporting FANS capability, this innovative solution will also provide voice and data connectivity to the cabin enabling passengers to stay connected globally during all phases of flight."

With its fuselage-mounted intermediate gain antenna, the AVIATOR 300D provides a connectivity option to operators at a price point well below historical solutions and offers more connectivity flexibility than other systems. In addition, the Cobham 350D system, type certified with antennas including Cobham's HGA-6000 series and HGA-7001, or Honeywell's AMT-50 and AMT-700, is available for customers requiring higher bandwidth.

The avWiFi, from leading aircraft data collection and data transmission manufacturer Avionica, is the smallest and lightest product on the market available to support such data segregation while also providing WiFi.

Cobham is offering an **exclusive 15% discount** on its AVIATOR 300D and 350D systems for orders placed at EBACE 2018. To find out more, get in touch or visit booth O105.

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About Cobham Aerospace Communications

Innovating the avionics and communications technology aircraft depend on.

Our avionics, connectivity, slip rings and microwave systems for air and space platforms are at the leading edge of technological development.

In the fields of defence, security and commercial aerospace, the innovative, high performance solutions we provide enable our customers' assets to perform to their maximum potential.

About Cobham

Cobham offers an innovative range of technologies and services to solve challenging problems in commercial, defence and security markets, from deep space to the depths of the ocean.

The challenging and rewarding roles we offer, across a wide range of disciplines, are what make Cobham a true global technology and services leader. To view our current roles visit www.cobham.com/careers.

About Avionica

Headquartered in Miami for 25 years, Avionica is the world's leading aircraft data collection and data transmission manufacturer, designing and producing innovative, safety-qualified, state of the art solutions that are revolutionizing air transportation. For more information, please visit www.avionica.com. Connect with us on Twitter and LinkedIn.

About Chicago Jet Group

Chicago Jet Group (CJG) operates an FAA Class 4 Part 145 Repair Station with EASA approval, focusing on the installation and certification of next-gen avionics technology in Part 25 aircraft, in addition to providing airframe and engine maintenance. Located in Chicago, CJG provides world-wide private jet charter, aircraft management, jet maintenance, avionics repair and avionics installations.

Experienced in FANS retrofit installation and certification, CJG has been active with FANS since its inception, developing STCs for operators interested in FANS/CPDLC solutions and satcom systems that provide performance, flexibility and value.

Cobham Contacts

Media enquiries:

Alex Holt
Marketing, Satcom Aero
Cobham Aerospace Communications
M: +44 7718 120805
alex.holt@cobham.com

Sales enquiries:

Scott Beutel
Regional Director, Satcom Aero
Cobham Aerospace Communications
M: +1 757 685-8323
scott.beutel@cobham.com