



Cobham's AVIATOR 300D

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Cobham SATCOM - Singapore Airshow: Cobham Provides Tomorrow's Next-Gen Services Today

SwiftBroadband-Safety approved AVIATOR 300D and 350D systems offer new services and capabilities for a better connected, safer and more profitable airline

Singapore Air Show, 6-11 February, Changi Exhibition Centre, Stand M87, UK Pavilion

6 February 2018 (LYNGBY, Denmark): Leading satellite communications provider Cobham SATCOM has developed next generation SwiftBroadband-Safety-powered satcom systems allowing airlines and operators to benefit immediately from the unfolding revolution in aviation safety and the connected cockpit.

The AVIATOR 300D and 350D terminals are two of the latest additions to Cobham's established AVIATOR portfolio, offering a bridge to the new era of air traffic management (FANS 1/A) represented by the combination of Inmarsat's SwiftBroadband-Safety (SB-S) flight deck communications platform and Cobham's landmark AVIATOR S series.

With technology evaluations well underway of Inmarsat's SB-S, the experts from Cobham will be on hand at the 2018 Singapore Air Show to showcase AVIATOR S and SB-S, and outline the game-changing services and capabilities of tomorrow that its customers can receive today with its currently available terminals.

The AVIATOR 300D and 350D systems are already enabling airlines to capitalise on SB-S as a strategic asset, meeting the shift in aviation safety services by offering global, high-speed, secure IP connectivity for the cockpit and enhancing airline safety and operations through better communications and the availability of real-time, in-air information for pilots, crew and air traffic management. The 350D system has been selected by Hawaiian Airlines (HAL) for installation on its new Airbus A321neo (new engine option) fleet, while the 300D system has been installed on United and Hawaiian Airlines' Boeing 767 aircraft and Shenzhen Airlines' Airbus 320 aircraft, as part of the SB-S technology evaluation.

The AVIATOR 300D system, which includes Cobham's compact and lightweight IGA-5001 Intermediate Gain Antenna, ensures a low profile on the fuselage for fast and reliable connectivity on the Inmarsat satellite network, while the Cobham 350D system connects to Cobham's HGA-7001 High Gain antennas offering additional bandwidth. Further advantages of the systems include recurrent maintenance savings due to the integral high reliability of the underlying technology platform and weight savings (approximately 50 to 150 lbs) over traditional aviation satcom systems. The Cobham solutions both combine FANS 1/A safety services (CPDLC, ADS-C) and voice connectivity with IP data capability.

Andrew Legg, Regional Sales Director, APAC, Cobham SATCOM, said:

“With the first FANS 1/A deadline already in enforcement for routes along the NAT High Level, and further enforcements coming into play at the start of 2020 on FL290 and above, there’s a compelling advantage to upgrading communications equipment on board your aircraft today. As the only SB-S approved system currently flying, Cobham, with its AVIATOR 300D and 350D systems, can help you to meet the requirements of FANS 1/A and avoid the hassle of installation backlogs, supply and demand cost increases and the inability to fly key routes. Additionally, you can reap benefits of a better connected and more profitable airline, today.”

Cobham’s range of SwiftBroadband-Safety powered AVIATOR systems can tap in to all the powerful and flexible communications capabilities of Inmarsat’s SB-S data service, including secure connectivity for the cockpit, faster communications, continual positional awareness for flight tracking, flight data streaming and real-time electronic flight bag applications, such as networked graphical weather. Other benefits of the service include enhanced airline safety with services such as Black Box in the Cloud, as well as asset utilisation, security and operational efficiency in the form of more fuel-efficient routes and the ability to transmit vital aircraft performance and positioning data in real time.

Inmarsat is also highlighting an added bonus for airlines that greater capacity communications create new applications to improve flight safety. It recently launched the Certified Application Provider Programme to certify third party commercial applications for use on its SB-S platform which is open to established application providers and developers.

The ongoing evaluation of SB-S has demonstrated the speed and quality of SB-S applications, with live EFB capability achieved with the HAL Boeing 767-300 aircraft equipped with Cobham AVIATOR avionics and Inmarsat’s SB-S service.

Cobham SATCOM will showcase the AVIATOR S, AVIATOR SP 1600 and the UAV 200, the world’s smallest and lightest Inmarsat UAV satcom solution, at Singapore Air Show. Cobham is also offering a free consultation on Stand M87 for customers who would like to learn more about the benefits of SB-S.

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Notes for Editors:

Read more about the capabilities and benefits of Inmarsat's SwiftBroadband-Safety [here](#).

Thanks to satellite communications, airlines have saved over \$3 billion in the last 15 years according to a recent [Helios study](#).

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About Cobham SATCOM

Our satellite and radio communication terminals perform in the most challenging and remote environments on land, at sea and in the air.

We design and manufacture these high performance products under the AVIATOR, EXPLORER, SAILOR and Sea Tel brands providing customers with outstanding performance, value and support through our global sales and service network.

Please visit www.cobham.com/AVIATOR

About Cobham

The most important thing we build is trust.

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 Inmarsat

Inmarsat plc is the leading provider of global mobile satellite communications services. Since 1979, Inmarsat has been providing reliable voice and high-speed data communications to governments, enterprises and other organizations, with a range of services that can be used on land, at sea or in the air. Inmarsat operates around the world, with a presence in the major ports and centres of commerce on every continent. Inmarsat is listed on the London Stock Exchange (ISAT.L). For more information, please visit www.inmarsat.com.

The Inmarsat press release newsfeed and corporate updates are on @InmarsatGlobal.

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