



AVIATOR 300D

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## Cobham SATCOM: First Chinese Certification Awarded to Cobham SATCOM System

*Validation of Supplemental Type Certificate (VSTC) for Cobham AVIATOR 300D on Airbus A320 series is the first time a SwiftBroadband ACARS-capable modem has received CAAC certification*

**LYNGBY, Denmark** – The Cobham SATCOM AVIATOR 300D system has received a Civil Aviation Administration of China (CAAC) Validation of Supplemental Type Certificate (VSTC) for installation aboard the Airbus A320

series. It is the first time a SwiftBroadband ACARS (Aircraft Communication and Addressing Reporting System)-capable modem has received Chinese certification.

The significant Supplemental Type Certificate (STC) means that Chinese airlines and Chinese-registered aircraft can now order and install the Cobham solution on the Airbus aircraft A319, A320 and A321 to benefit from improved communications, connectivity, flight safety and operations on-board.

Enabling cockpit connectivity for ACARS over SwiftBroadband on the Airbus aircraft, AVIATOR 300D uses Inmarsat SwiftBroadband IP data and circuit-switched voice capabilities to provide services such as aircraft flight tracking information and Ethernet ports for connecting devices such as Aircraft Interface Devices (AIDs) and Electronic Flight Bags (EFBs) for the pilots to obtain real-time information including graphical weather updates. AVIATOR 300D also has the bandwidth to send the real-time data of the aircraft health monitoring systems, such as engine monitoring.

Jianmin Cui, Director for Cobham SATCOM China Operations, said: “This certification for our AVIATOR 300D system is very important for the industry in this region and is also a significant milestone for Cobham as we can now offer Chinese airlines a low cost, compact Inmarsat satcom solution. It is a first for the industry, for Inmarsat and also for Cobham. This system provides Chinese airlines an optimal option to comply with the CAAC 4 minute-mandate with more capable data applications.

“The installation of our system on the Airbus aircraft will introduce many benefits for airlines. For example, airlines’ flight operations departments will have the ability to access aircraft data in real time from the ground while the aircraft is in flight, which will significantly improve flight safety and operational efficiencies.”

The VSTC is developed and owned by Avionics Support Group Inc (ASG) for the SwiftBroadband Unit and Delta G for the antenna.

The AVIATOR 300D system, which features the compact and lightweight Intermediate Gain Antenna IGA-5001 to ensure a low profile on the fuselage, provides for fast and reliable connectivity on the Inmarsat SwiftBroadband I-4 satellite network. The system supports high quality, low-cost voice calling and the full complement of data services and provides near global coverage,

on the ground or in the air.

Further advantages include recurrent maintenance savings due to the high reliability of the AVIATOR system and recurrent weight savings (approximately 50 to 150lbs) over traditional legacy SATCOM systems.

The full Cobham SATCOM AVIATOR range includes the revolutionary AVIATOR S series, AVIATOR 700 and 700D, AVIATOR 350 with High Gain Antenna (HGA), AVIATOR 300D with IGA as well as the exceptionally compact and lightweight AVIATOR 200 with Low Gain Antenna (LGA).

For further information please visit [www.cobham.com/satcom](http://www.cobham.com/satcom).

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## **Cobham SATCOM**

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## **About Cobham SATCOM**

**Providing dependable communications and internet access anywhere under the most demanding conditions.**

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.

## **About Cobham**

**The most important thing we build is trust.**

Cobham is a leading global technology and services innovator, respected for providing solutions to the most challenging problems, from deep space to the depths of the ocean.

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