



Shenzhen Airlines has selected Cobham's AVIATOR 300D system for its Airbus A320 fleet

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Cobham SATCOM: Cobham Announces Success for Connected Cockpit Solutions at Farnborough

AVIATOR satcom to power connectivity for Shenzhen Airlines and Super Hercules fleets

Cobham announced the latest orders for its AVIATOR satcom-powered cockpit connectivity solutions at Farnborough International Air Show this year.

Demonstrating significant industry support for the systems, Cobham confirmed that Shenzhen Airlines has selected the AVIATOR 300D system for its entire Airbus A320 fleet. Cobham also revealed details of a five-year \$40m deal to deliver its AVIATOR 700D systems for integration in the C-130J Super Hercules fleets as part of the Block 8.1 upgrade programme.

“Connected cockpits are rapidly changing the face of aviation and air traffic management, and includes military aircraft wishing to operate in controlled airspace. Cobham is a pioneer in this field for both airlines and military platforms.” said Paul Kahn, Sector President Cobham Communications & Connectivity.

Chinese operator Shenzhen Airlines ordered 77 AVIATOR 300D systems, powered by Inmarsat’s next-generation SB-S satellite IP platform, for the Airbus aircraft, enabling unprecedented visibility into operations through dedicated IP connectivity between the aircraft and the ground. The airline has also received a Supplemental Type Certificate (STC) to extend the system to its Boeing 737 aircraft. The agreement follows a successful in-flight evaluation on the A320s during which the technology demonstrated significant communications, tracking and safety benefits and proved its compliance with the Civil Aviation Authority of China (CAAC)’s CCAR 121 and AC-121 (4-minute) mandates. The advanced SB-S aviation safety service is available to Chinese airlines under a milestone agreement between Inmarsat, China Transport Telecommunication Information Group Company Limited (CTTIC) and Aviation Data Communication Corporation (ADCC).

Cheng-Yu Tang, General Manager, Cobham SATCOM Greater China, who was in charge of this project, said: “With this new order, Shenzhen has demonstrated its confidence in our AVIATOR 300D system and the Inmarsat SB-S IP platform through CTTIC’s turn-key solutions and its Aero Safety Data Platform, and also proved it is fully committed to optimising flight deck and aircraft operations across their fleets in this ground-breaking new era in Chinese aviation.”

In an upgrade that will first be installed across the fleets of the United States government, Cobham has already delivered the first of its Future Air Navigation (FANS) 1/A compliant AVIATOR 700D systems for the Super Hercules fleets.

Meeting the airlifter’s future civilian airspace operational needs, the AVIATOR

700D complies to the FANS 1/A, Controller Pilot Data Link Communications (CPDLC) and voice safety service operations via the system's cockpit data and voice channels. Providing access to separate channels for voice and data service, simultaneous voice calling and secure data transfer, the Cobham system will increase C-130J operators' mission effectiveness with voice calls, e-mail, internet and video streaming on demand across several users simultaneously.

For further information, please visit www.cobham.com/AVIATOR

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Editor's notes

More information on Cobham's SB-S terminals for air transport and business jet aircraft [here](#).

What is FANS 1/A in 200 seconds video and Q&A page [here](#)

For more information on SB-S, please visit the Inmarsat [website](#) and download the SB-S and Complete Connected Aircraft whitepapers [here](#).

View SB-S video [here](#), along with an infographic [here](#).

Read "Evaluating the Economic Benefits of Connected Airline Operations" a report Sky High Economics Report from the London School of Economics and download full report [here](#).

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About Cobham Aerospace Communications

Innovating the control and communications technology aircraft depend on.

Our avionics, connectivity and Satcom solutions are at the leading edge of technological development.

In the fields of commercial aerospace, defence and security, 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.