



Cobham's AVIATOR UAV 200

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## **Cobham SATCOM - Singapore Airshow: Tiny AVIATOR UAV 200 is Redefining Satcom Connectivity**

*World's smallest and lightest Inmarsat terminal demonstrates how Cobham SATCOM's versatile range of SwiftBroadband solutions are leading the industry*

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

**6 February 2018 (LYNGBY, Denmark):** Cobham SATCOM is revolutionising satcom technology with a game-changing range of versatile solutions from the world's most compact to the highest performance Inmarsat terminals. At Singapore Air Show, Cobham demonstrates the flexibility of its exclusive product range by showcasing one of the most innovative systems available – the AVIATOR UAV 200.

As the world's smallest and lightest Inmarsat UAV satcom solution, the AVIATOR UAV 200 system weighs just 1.45kg, which is 76 per cent lighter than existing comparable products on the market. Offering internet connectivity for smaller airframes or Tactical Unmanned Aerial Vehicles (TUAVs), it integrates all components into one compact lightweight unit and delivers Inmarsat Class 4 SwiftBroadband services in a low-SWAP package.

The cost-effective solution has been introduced by Cobham to significantly enhance a UAV's performance, range and payload capability by enabling operators to take advantage of the higher speed connectivity from today's satellite networks without all the bulk. Providing several benefits for these widely-used aircraft for the first time, the AVIATOR UAV system offers near real-time data streaming of surveillance footage and data, as well as capacity for enhanced aircraft control and health monitoring Beyond the Line Of Sight (BLOS). The satcom terminal recently passed video footage during independent work with AnsuR Technologies and Barnard Microsystems, evidence of its significant value and strategic enhancement for BLOS UAV operational scenarios.

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

*“Miniaturisation is so important for the satcom market right now, and it's something that we're really good at here at Cobham. The AVIATOR UAV 200 is so exciting because it will make a huge difference to operational flexibility in a number of applications, such as military, border security enforcement, public safety, commercial use and scientific research. Until now, the size, weight and power requirements of Inmarsat satcom hardware were too restrictive for smaller UAVs which depend upon lightweight components to maximise range, endurance and operational use. AVIATOR UAV 200 matches the connectivity and performance of larger, class-leading satcom systems, but in a far smaller, lighter and less power-demanding package.*

*“By highlighting this tiny system alongside the next-gen AVIATOR S, we can fully*

*demonstrate the diverse range of innovative satcom solutions that we are able to offer our customers, from the revolutionary solution for tactical UAVs to our systems designed to meet the future needs of the aviation industry.”*

Cobham SATCOM is also highlighting its 4-channel SwiftBroadband AVIATOR 1600SP satcom system for use in Intelligence, Surveillance and Reconnaissance (ISR). Cobham’s Special Purpose systems are developed for special applications or customers with specific requirements such as multichannel for expanded bandwidth requirements and special extended qualifications for temperature, vibration and unpressurised environments.

The ground-breaking AVIATOR S Series is also on show at Singapore where Cobham’s specialists will be on hand to explain the future of the connected flight deck and the powerful and flexible communications capabilities of Inmarsat’s SwiftBroadband-Safety (SB-S) service enabled by the next-gen systems.

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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](http://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](http://www.cobham.com/careers).