



The new Cobham SATCOM AVIATOR UAV 200

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Cobham SATCOM: AVIATOR UAV 200 Unveiled at Xponential 2016

Revolutionary 1.45kg one-unit system is world's smallest Inmarsat UAV satcom solution for enhanced connectivity

XPONENTIAL 2016, 2nd to 5th May, Booth 1319

LYNGBY, Denmark – Cobham SATCOM has developed the world's smallest and lightest Inmarsat UAV satcom solution – the 1.45kg AVIATOR UAV 200.

Redefining UAV satcom connectivity by integrating all components into one compact lightweight unit, the new system delivers Inmarsat Class 4 SwiftBroadband services in a low-SWAP package which is 76 per cent lighter than existing comparable products on the market.

The AVIATOR UAV 200 has been introduced by Cobham to significantly enhance a Tactical Unmanned Aerial Vehicle's (TUAV) performance, range and payload capability by enabling operators to take advantage of the higher speed connectivity from today's satellite networks.

A cost-effective solution, the AVIATOR UAV 200 delivers greater operational flexibility for TUAVs in a number of applications, including military, border security enforcement, public safety, commercial use and scientific research.

Kim Gram, vice president of Cobham SATCOM's aeronautical business unit, said: "We are very pleased to introduce this revolutionary new solution for tactical UAVs, as it will provide these widely-used aircraft with a number of benefits for the first time and open up important opportunities within different applications in the field.

"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."

With improved satcom technology, UAV operators can benefit from improved aircraft control and situational awareness, with the ability to make real-time route adjustments while simultaneously tracking the airframe. Operators also have a constant overview of on-board systems and structural integrity with real-time health monitoring. Better connectivity allows access to BLOS situational data and live streaming of imagery and video which expands the role of real-time scene surveillance UAVs.

Mounted within the airframe and measuring 24cm x 16cm x 6cm, the Cobham AVIATOR UAV 200 delivers up to 200 kbps data and full, real-time control of data channels.

Andy Start, President, Inmarsat Global Government, said: “This announcement is a further example of Inmarsat’s leadership in the UAV industry. We have seen a global demand from military and government customers looking to increase the operational effectiveness of their TUAV platforms. Enabling Satcom on these small airframes really is a game changer.

“Increasingly, we are finding that our government customers around the world need to do more with highly challenged budgets. This product allows beyond line of sight flight and payload control for a wide range of small UAV platforms where previously this has simply not been possible. Adding the ability to extend their operational range significantly and provide access to real time situational data and video, it is a truly compelling package.”

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