

News Release

16 November, 2021

Cobham and Boeing Partner for NextGen/IRIS-Capable SATCOM Solution

Cobham Aerospace Communications and Boeing have teamed to install Cobham's NextGen/IRIS-capable AVIATOR S SATCOM system on a 737-9 operated by Alaska Airlines. The system is part of Boeing's ongoing, multi-aircraft ecoDemonstrator Program, which seeks to leverage a variety of emerging technologies to boost aircraft performance, maximize flight efficiency, and improve the passenger experience.



Boeing's ecoDemonstrator program focuses on three areas: Innovation, Collaboration, and Acceleration of new technologies into its products and services. Cobham Aerospace Communications' AVIATOR S contributes to the digital solutions and environmental sustainability objectives by improving cockpit activities through connectivity.

Enabling aircraft communications over the ATN/IPS (Aeronautical Telecommunications Network / Internet Protocol Suite) protocol, AVIATOR S enables safety services like FANS 1/A and 4D trajectory guidance (like NextGen and IRIS) over SwiftBroadband, and enables improved communication with Air Traffic Control. By optimizing flight routes, the number of aircraft in holding patterns above airports are minimized, fuel consumption is reduced, and the number of delayed flights decreases, heightening passenger satisfaction.

Cobham's AVIATOR S family of SATCOM systems is suitable for all single-aisle and wide-body commercial transport aircraft. It's flexible, configurable, and operates across two separate and secure domains:

- Aircraft Information Service Domain (AISD) – For Electronic Flight Bag (EFB) and flight data streaming
- Aircraft Control Domain (ACD): For multiple voice channels, APDLC, ADS-C – FANS 1/A, and ACARS

Eiji Kawaishi, CEO, Cobham Aerospace Communications, said: "*Cobham is proud that our AVIATOR S SATCOM System has been selected for groundbreaking ecoDemonstrator initiative, and we look forward to the evolution of the program and to the further growth of our partnership with Boeing.*"

About Cobham Aerospace Communications

Cobham Aerospace Communications is a business unit within Advent International. With offices in the USA, South Africa, Denmark, France, Canada, India and China, our global footprint allows us to serve a worldwide customer base. Our avionics, connectivity and SATCOM solutions are at the cutting edge of technology innovation. 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. We provide SATCOM solutions to the world's leading aircraft OEMs and integrators. Learn more at www.cobhamaerospacecommunications.com.

About Boeing

As a leading global aerospace company, Boeing develops, manufactures and services commercial airplanes, defense products and space systems for customers in more than 150 countries. As a top U.S. exporter, the company leverages the talents of a global supplier base to advance economic opportunity, sustainability and community impact. Boeing's diverse team is committed to innovating for the future and living the company's core values of safety, quality and integrity. Learn more at www.boeing.com

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