

Airports Authority of India

Press Release

India's Airspace gets an additional layer of surveillance with deployment of space-based ADS-B air traffic surveillance system

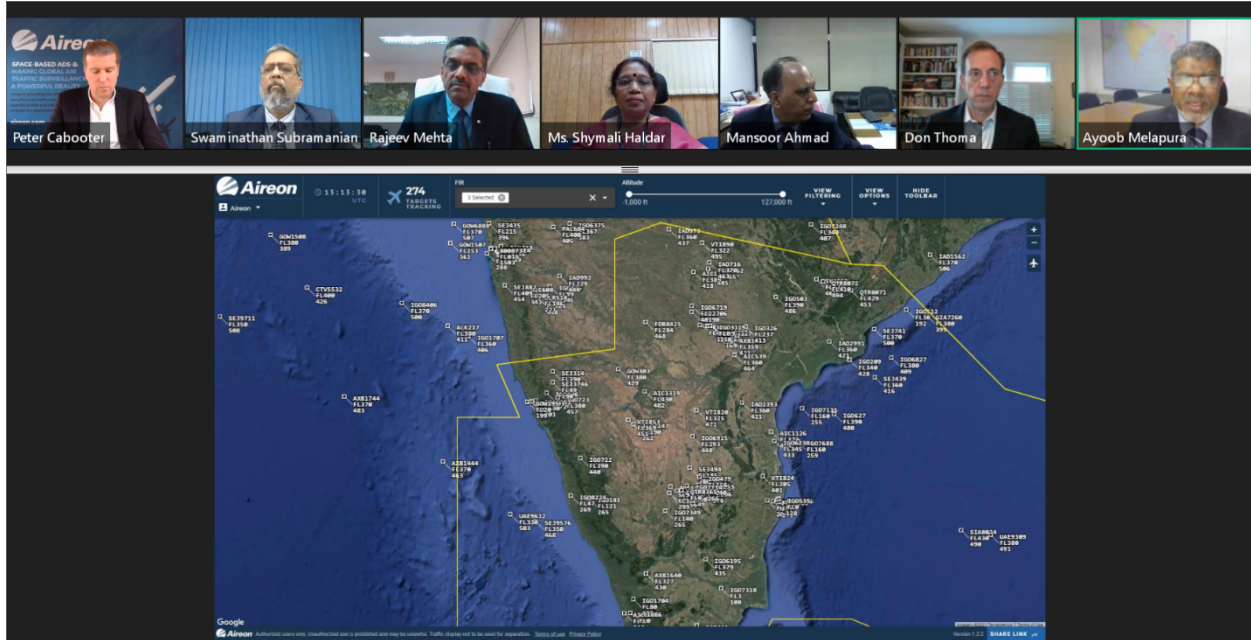
New Delhi, 01st February, 2021 : Airports Authority of India (AAI) announced on 29th January, 2021 that Aireon's space-based ADS-B air traffic surveillance system has been successfully deployed across Mumbai, Chennai and Kolkata's oceanic airspaces. The system has been executed within 18 months of the signing of the contract to implement the service. As the third largest airspace in the world, AAI is making significant strides towards enhancing safety and efficiency across their ever-growing, highly trafficked area.

AAI's deployment of space-based ADS-B now provides an additional layer of surveillance, backing up the existing ground-based network. With a vast airspace of over nine million square kilometers, multiple crossing airways and dense, continuously growing traffic, multi-layer surveillance covering the entirety of the airspace provides more efficient solutions, safer processes and greater visibility. Improved communications and data sharing between Asia, the Middle East and Europe is also a main objective aimed at reducing delays and improving the flying experience for all users.

"The collaboration and determination to complete implementation testing remotely by both the AAI and Aireon teams have set the region up for a successful 2021," said Vineet Gulati, Board Member, Air Navigation Services, AAI. "Despite the challenges that came because of the ongoing global pandemic, AAI was able to continue testing to prepare our airspace to go live with Aireon's safety-of-life service. When travel picks up again, AAI will be ready to support the rapid increase of aircraft in a cohesive and efficient manner."

"It's been a pleasure working alongside the AAI team. Their determination to prepare for future air travel and improve safety to match their robust traffic growth is the innovative thinking that is propelling the aviation industry forward," said Don Thoma, Aireon CEO. "Deploying real-time air traffic surveillance is an initiative that has driven AAI to be a leader not only in the region, but throughout the world."

Prior to the deployment of the Aireon system, aircraft were compelled to fly at uneconomical levels due to the high-traffic and many conflict points at crossing paths, burning extra fuel and resulting in extra expenses for airlines. Now, with more accurate position reporting available throughout the entire region, aircraft are more likely to get preferred flight levels and route changes, alleviating the prior issues.



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About Aireon LLC

Aireon operates the first ever, space-based air traffic surveillance system for Automatic Dependent Surveillance-Broadcast (ADS-B) equipped aircraft throughout the entire globe. Aireon harnesses next-generation aviation surveillance technologies that were formerly ground-based and extends their reach throughout the world to significantly improve efficiency, enhance safety, reduce emissions and provide cost savings benefits to all stakeholders. Aireon's high-fidelity, low-latency surveillance data is available for various applications, allowing aerospace industry partners access to revolutionary data capabilities that enhance asset

tracking, aircraft situational awareness and decision support analytical tools. In partnership with leading ANSPs from around the world, like NAV CANADA, Enav, NATS, the Irish Aviation Authority (IAA) and Naviair, as well as Iridium Communications, Aireon provides global, real-time, space-based aircraft data for enhanced air traffic surveillance, innovation and analytics. For more information, please visit **www.aireon.com**.