BOOM SUPERSONIC SIGNS SAF OFFTAKE AGREEMENT WITH AIR COMPANY

News / Manufacturer



Boom Supersonic has signed a sustainable aviation fuel offtake agreement with Air Company. As part of the agreement, Boom will purchase up to 5 million gallons of AIRMADE SAF on an annual basis over the duration of the Overture flight test program, advancing the company's net zero commitments. Overture will carry passengers at twice the speed of today's fastest commercial aircraft while operating on 100% sustainable aviation fuel.

Kathy Savitt, President of Boom Supersonic, commented: "Sustainable aviation fuel is critical to sustainable supersonic travel, and fuel made from CO2 is the most scalable pathway to abundant SAF.We look forward to partnering with AIR COMPANY to power Overture's flight test program with 100% SAF."

AIRMADE SAF from AIR COMPANY is expected to power Overture during its net zero carbon flight test program at the Overture Superfactory in Greensboro, North Carolina. Using a similar proprietary technology that mimics photosynthesis to create its consumer ethanol, AIR COMPANY has developed and deployed its single-step process for CO2-derived fuel production using renewable electricity.

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AIR COMPANY CEO, Gregory Constantine, said: "AIR COMPANY and Boom Supersonic are two companies making real strides towards a markedly different world of aviation. Working with Boom Supersonic to offer the first commercially available power-to-liquid SAF has been an incredible marriage of two forward-thinking companies, ready to improve the world in which we live and fly. We look forward to a long partnership and are excited to share more innovation as the relationship continues."

This agreement with AIR COMPANY is the latest in a series of milestones Boom has achieved on its path to bring sustainable supersonic flight to millions of travelers. Boom is excited to work with partners committed to net zero carbon Overture operations. Boom was also the first aircraft manufacturer to sign the Amazon Climate Pledge in 2020, committing to achieving the goals of the Paris Agreement by 2040.

Boom recently released its findings after conducting extensive research analyzing key drivers required to achieve exponential growth in the SAF industry. Emerging SAF technologies can reduce up to 100% of carbon emissions compared to traditional jet fuel it replaces. While SAF production is still in its infancy, the SAF industry is well poised to achieve exponential growth seen in other renewable energy sectors. If SAF scales at the rate of solar energy, it could reach projected international jet fuel demand by 2036. This growth is necessary to address the global demand for aviation fuel with SAF in the 2030-2045 timeframe.

"As fuel stakeholders, Boom and our customers have a responsibility to help next-generation SAF scale," said Ben Murphy, Boom's VP of Sustainability. "Early buy-in from future SAF users like us sends a critical signal to researchers, producers, and investors that the demand is there."

25 SEPTEMBER 2022

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