

## **Boom Supersonic and Collins Aerospace Sign Expanded Agreement for Major Aircraft Systems for Overture**

*Collins and Boom to collaborate on Ice Protection and Air Data Systems for sustainable supersonic aircraft*



**Denver**, July 19, 2022 -- [Boom Supersonic](#), the company building the world's fastest airliner, optimized for speed, safety, and sustainability, announced today at the Farnborough International Airshow an agreement with Collins Aerospace on the Overture program. Carrying 65–80 passengers at twice the speed of today's airliners and running on 100% sustainable aviation fuel (SAF), Overture will fly Mach 1.7 over water with a range of 4,250 nautical miles.

Under the new agreement between the two companies, Collins will assist Boom in the evaluation and development of major aircraft systems and components for Overture. Engineers at Collins and Boom will perform aerodynamic analysis to evaluate Overture's Ice Protection System, the system that prevents the formation of ice on the aircraft during flight. Boom will also work with Collins to assess Air Data System architectures that meet Overture's field performance and range requirements.

"We are thrilled to be expanding our collaboration with Collins to develop key components for Overture," said Kathy Savitt, Boom's President. "This agreement leverages the deep expertise and scale of Collins as we ramp up for Overture production, and together we will work toward an aircraft that is fast, safe, and sustainable."

The expanded joint effort with Collins builds upon several years of successful [collaboration](#) aimed at improving propulsion system performance and minimizing aircraft noise on Overture. Collins and Boom have worked together to develop inlet, nozzle, and exhaust system technologies to facilitate the net-zero carbon operation of Overture.

"Collins is capitalizing on decades of experience to provide key technologies for Overture that will play an integral role in making sustainable supersonic flight a reality for passengers," said Colin Mahoney, President, Customer & Account Management for Collins Aerospace.

Today for the first time, Boom unveiled Overture's refined design, combining a number of engineering innovations in aerodynamics, noise reduction, and performance at the Farnborough International Airshow. Boom also announced today that it would collaborate with Northrop Grumman to offer a special mission variant of Overture to government and military customers. The first Overture aircraft is on track to roll out in 2025, fly in 2026, and carry its first passengers by 2029.

For more information about Overture, please visit: <https://boomsupersonic.com/overture>



### **About Boom Supersonic**

Boom Supersonic is transforming air travel with Overture, the world's fastest airliner, optimized for speed, safety, and sustainability. Carrying 65–80 passengers, Overture will fly at twice the speed of today's airliners and will run on 100% sustainable aviation fuel (SAF). Overture's order book, including purchases and options from United Airlines and Japan Airlines, stands at 70 aircraft. Boom is also working with the United States Air Force and Northrop Grumman for military and defense applications of Overture. Suppliers collaborating with Boom on the Overture program include Collins Aerospace, Eaton, Safran Landing Systems, and Rolls-Royce. Designed and built in the United States, the first Overture aircraft will roll out in 2025, begin flight tests in 2026 and begin carrying passengers in 2029. For more information, visit <https://boomsupersonic.com>.

Photos and video available at <https://boomsupersonic.com/press>.

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### **About Collins Aerospace**

Collins Aerospace, a Raytheon Technologies business, is a leader in technologically advanced and intelligent solutions for the global aerospace and defense industry. Collins Aerospace has the extensive capabilities, comprehensive portfolio and broad expertise to solve customers' toughest challenges and to meet the demands of a rapidly evolving global market. For more information, visit [CollinsAerospace.com](https://CollinsAerospace.com)

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