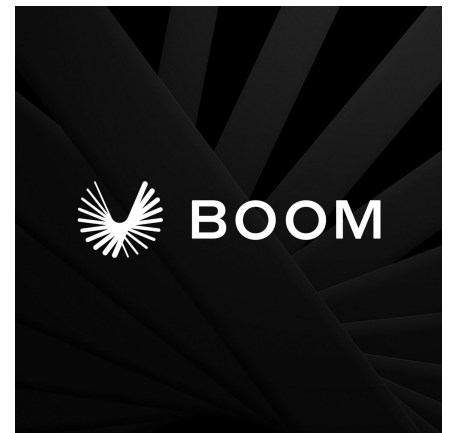


Boom Supersonic

Company Information

Founder & CEO:	Blake Scholl
Year Founded:	2014
Headquarters:	Denver, CO
Manufacturing Site:	Greensboro, NC
Funding:	\$700M+ from investment and other capital sources
Select Investors:	Bessemer Ventures, Prime Movers Lab, Emerson Collective, Celesta Capital, American Express, Y Combinator



Overture: The World's Fastest Airliner – Optimized for Speed, Safety, and Sustainability

Specifications

Capacity:	64-80 passengers
Sustainability:	Optimized for 100% SAF
Cruising Altitude:	60,000 feet
Profitable Routes	600+
Length:	201 feet
Wingspan:	106 feet
Speed:	Mach 1.7
Max Range:	4250 NM (7,871 KM)



Airlines

Order Book	Overture's order book stands at 130 aircraft, including orders and pre-orders from American Airlines, United Airlines, and Japan Airlines.
American Airlines	American Airlines made a deposit on up to 20 aircraft, with an option for 40 more, in August 2022. With this order, American is poised to have the world's largest supersonic fleet.

United Airlines In June 2021, United became the first U.S. airline to sign an aircraft purchase agreement with Boom Supersonic.

Japan Airlines In 2017, Japan Airlines (JAL) and Boom announced a strategic partnership to bring commercial supersonic travel to passengers.

High-speed Government Transport

Northrop Grumman Collaborating to adapt Overture for government and military missions.

U.S. Air Force Teaming on R&D to accelerate Overture supersonic capabilities.

Global Tier-1 Suppliers

Universal Avionics Overture's external vision system supplier, providing aircraft cameras, synthetic digital environments, and flight data during takeoff and landing through a head-worn device.

Honeywell Overture's integrated flight deck and avionics platform supplier.

Latecoere Overture and Symphony's electrical wiring interconnect system (EWIS) architecture supplier.

Aernnova Overture's wing supplier.

Leonardo Overture's primary engineering lead for fuselage structural components integration, design and build partner for fuselage sections.

Aciturri Overture's empennage supplier.

Collins Aerospace Overture ice protection and air data systems collaboration.

Eaton Hydraulic system analysis and design as well as fuel and inerting systems collaboration.

Safran Overture's landing gear system and controls supplier.

Overture Superfactory: The first Supersonic Airliner Factory in the United States

Final Assembly Line for Overture

The first assembly line will produce 33 Overture supersonic aircraft annually. A planned second assembly line will double aircraft production to 66 each year.

Milestones

2022	Site Selection: Piedmont Triad International Airport in Greensboro, NC
2023	Groundbreaking
2024	Construction Completion



XB-1: The World's First Independently Developed Supersonic Jet

XB-1 is a piloted demonstrator aircraft built to prove key technologies and materials for efficient supersonic flight.

Specifications

Engine	3 GE J85-15 Engines
Max thrust	12,300 pounds of force (lbf)
Length	62.6 feet
Wingspan	21 feet

Milestones

2020	Rollout
2021	Systems integration
2022	Ground testing in Centennial, CO
2023	Relocation and ground testing in Mojave, CA
2024	XB-1 completes first eight test flights in Mojave, CA



Symphony™: The purpose-built Turbofan Optimized for Supersonic Flight

Symphony is optimized for up to 100% SAF to enable net zero carbon operation.

Key Engine Features

35,000 lb thrust

72" fan

Hollow-core fan blades

Medium bypass ratio

Additive manufacturing

25% more time on wing*

10% lower operating cost*

100% SAF compatible

ICAO Chapter 14 noise levels

FAA Part 33 / EASA CS-E compliant

*When compared to derivative approaches

Partners & Suppliers

Florida Turbine Technologies (FTT)

Symphony engine design and lead partner on the initial production units for ground test, flight test, and certification.

Colibrium Additive

Providing additive technology design consulting for Symphony.

StandardAero

StandardAero is Boom's engine production and MRO supplier. StandardAero will assemble and test Symphony engines at its facility in San Antonio, Texas.

ATI

Advanced high-temperature materials and components for Symphony's high pressure compressor integrated blade and disk stages and for its turbine assembly.



Sustainability: Accelerating the Path to Sustainable Supersonic Travel

Boom's comprehensive sustainability efforts include mobilizing our value chain, collaborating with stakeholders across the global travel ecosystem, and leading advocacy to set new standards for travel.

Sustainability Efforts

Carbon Neutral in 2021

Accounting for emissions across scopes 1, 2, and 3, Boom achieved carbon neutrality in 2021 through greenhouse gas (GHG) emissions reduction initiatives and high-quality carbon credits.

SAF Offtake Agreements

Boom is building for a future of 100% sustainable aviation fuels (SAF) by partnering with Dimensional Energy and AIR COMPANY, suppliers of net zero carbon SAF. To date, Boom has secured 10 million gallons of SAF per year through the duration of the Overture flight test program.

Advancing SAF

Boom takes a two-pronged approach to advance SAF: Participating in industry efforts to rapidly scale drop-in 100% SAF, and accelerating the development of future pathways and fuel specifications that will provide greater long-term benefits.

