**Concorde gave the world a glimpse of a faster future.**

- **Aerodynamic Validation:** Concorde’s highly advanced wind tunnel testing required months and millions of dollars per iteration.
- **Engines:** Four Rolls Royce/Snecma Olympus 593 turbojet engines provided the thrust necessary for takeoff, cruising and landing.

**Advanced technology for its time.**

- **Aircraft:** Concorde needed the additional thrust to reach supersonic speeds.

"Concorde was a technological marvel in the 1960s, but its designers were ultimately limited by the technology of their time."

- **Blake Scholl, CEO**

**Boom brought together its team of engineers to leverage this technological progress to make our world dramatically more accessible.**

**Overture is quieter, more fuel efficient, and more affordable, becoming the first supersonic airliner of the next era in transportation.**

**Aerospace technology has advanced a great deal since Concorde was designed in the 1960s. Today, we enjoy:**

- **More efficient propulsion systems**
- **Faster computational design techniques**
- **Better materials**

**Leveraging new technological advancements.**

- **Aerodynamics:** Boom’s engineers use Computational Fluid Dynamics (CFD) software and other advanced modeling tools to ensure their aircraft has the smoothest possible flight path.
- **Materials:** Concorde’s fuselage was made of aluminum, but Overture’s fuselage is made of advanced composite materials, which are lighter, stronger, and more efficient.
- **Engines:** Overture’s medium-bypass turbofan engines are quieter, cleaner, and don’t require gas-guzzling afterburners.
- **Fuel Consumption:** Boom is targeting fuel-burn parity with subsonic business class and also testing alternative fuels, which would substantially lower Overture’s carbon footprint.

**Boom is inspired by what Concorde’s designers and operators accomplished, proving that supersonic travel was possible.** Fifty years since Concorde first took flight, Boom is committed to making supersonic travel accessible and the planet dramatically more accessible.