

# New passenger jet to fly faster than Concorde

Aerospace company Boom has unveiled a prototype of a supersonic passenger jet that aims to be the next generation Concorde. The XB-1 demonstrator, or "Baby Boom", is a one-third scale version of the full production model intended to be ready by 2020

## XB-1 SUPERSONIC DEMONSTRATOR

- **Crew:** Two (pilot + flight-test engineer)
- **Length:** 20m ● **Wingspan:** 5m
- **Max. take-off weight:** 6,100kg
- **Max. speed:** Mach 2.2 (2,335 km/h) – 10% faster than Concorde
- **First test flight:** Late 2017

**Frame:** Lightweight, heat-resistant composite materials

**Powerplant:** Three General Electric J85-21 engines, non-afterburning, proprietary variable-geometry intake and exhaust



## BOOM PASSENGER AIRLINER

- **Crew:** Two ● **Passengers:** 45-55
- **Length:** 52m
- **Wingspan:** 18m



● Boom claims plane is 2.6 times faster than current jetliners, able to fly from London to New York in just 3.25 hours for \$5,000 return ticket

**TRAVEL TIMES**  
Claimed by Boom aircraft  
Normal passenger flight

**Tokyo-San Francisco**  
5hrs 30min / 11 hours

**New York-London**  
3hrs 15min / 7 hours

**Sydney-Los Angeles**  
6hrs 45min / 15 hours

Source  
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