

Super-fast jet travel poised for comeback

Boeing is partnering with Nevada-based startup Aerion Corporation to develop a business jet that promises to bring back the luxury of supersonic air travel for the first time since Concorde retired in 2003

AERION AS2

Airframe: Built largely of carbon fibre composites for low weight, high strength and wing stiffness

Cabin: 8-12 passengers. Height of aft cabin is 1.88m – just 8cm less than Concorde

Engines: Three GE Affinity turbofans, 80kN (18,000-lb) thrust each. Reduced sonic boom due to fuselage design

AS2 SPECIFICATIONS

Max. speed	Mach 1.4 (1,728km/h) – Concorde speed Mach 2
Max. range	9,816km
Max. cruise altitude	15,545m
Max. take-off weight	54,884kg
First flight due	2023

AS2 designed to be up to 70 percent faster than today's quickest business jets

Travel time saved from New York to:

Tokyo: 1hr 57mins

Sydney: 4hrs 23mins

São Paulo: 2hrs 9mins

London: 1hr 55mins

Dubai: 2hrs 23mins

