

RAPID TRANSIT FOR A RAPIDLY EVOLVING WORLD.



AERION SUPERSONIC BUSINESS JET SPECIFICATIONS

DIMENSIONS

Exterior

Length	148.25 ft	45.19 m
Wingspan	64.2 ft	19.57 m
Height	23.25 ft	7.09 m
Wing area	1,200 sq ft	111.48 sq m

Interior

Maximum height	6.21 ft	1.89 m
Maximum width	6.54 ft	1.99 m
Length	29.5 ft	8.99 m

PERFORMANCE

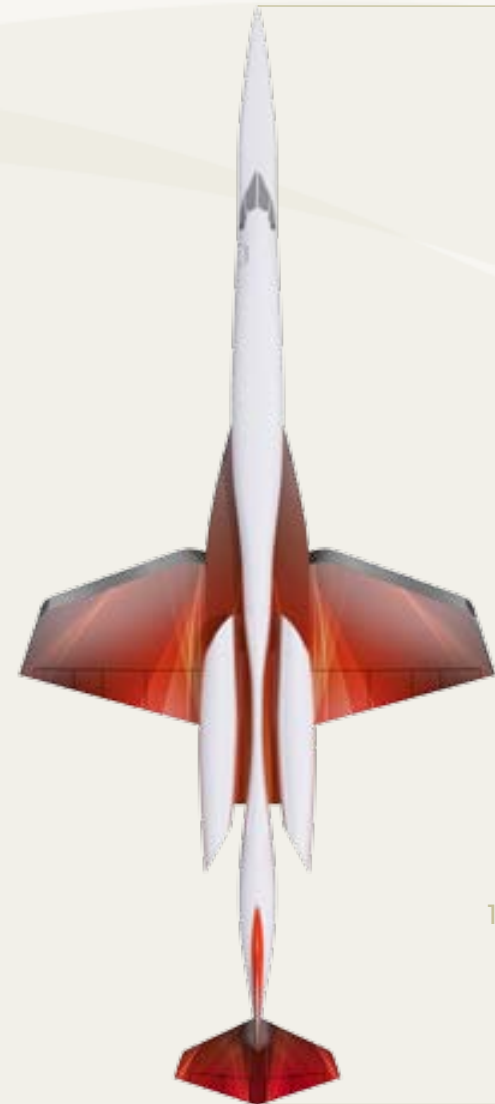
Maximum cruise speed	Mach 1.6	
Long-range cruise (supersonic)	Mach 1.5	
No-boom cruise (supersonic)	Mach ~1.1 to 1.2	
High-speed cruise (subsonic)	Mach .99	
Approach speed (min. landing wgt.)	120 kts	230 kph
Balanced field length	<6,000 ft., ISA, S.L.	<1,829 m
Landing distance, wet runway	<3,460 ft	<1,524 m
Range (NBAA IFR)	>4,000 nm	>7,408 km
Ceiling	51,000 ft	15,545 m

WEIGHTS

Maximum takeoff weight	90,000 lb	40,823 kg
Basic operating weight	45,100 lb	20,457 kg
Maximum fuel	45,400 lb	20,593 kg

POWERPLANTS

Engines	Two Pratt & Whitney JT8D-219	
Thrust (each)	21,700 lb, flat-rated to 19,600 lb	80.1 kN



148.25 ft



64.2 ft



23.25 ft