



Aerion AS2 General Specifications and Performance Objectives

Maximum operating speed	1.5 Mach
Long-range cruise, supersonic	1.4 Mach
Boomless cruise ^(SM)	1.1-1.2 Mach
Long-range subsonic cruise	.95 Mach
Approach speed	<135 kts / 250 kph
Maximum IFR range, Mach 1.4	4,750 nm / 8,797 km
Maximum IFR range, Mach 0.95	5,300 nm / 9,816 km
Maximum cruise altitude	51,000 ft / 15,545 m
BFL at ISA S.L.	7,500 ft / 2,286 m
MTOW	121,000 lbs / 54,884 kg
BOW	57,801 lbs / 26,218 kg
Wing area	1,350 sq ft / 125 sq m

EXTERIOR DIMENSIONS

Length	170 ft / 51.8 m
Width / Wingspan	61 ft / 18.6 m
Height	22 ft / 6.7 m

INTERNAL DIMENSIONS

Max height	6 ft 2 in / 1.9 m
Max width, aft seating area	7 ft 6 in / 2.2 m
Cabin length	30 ft / 9.1 m
Passengers	8-12

Range figures, other performance data, and specifications are preliminary and subject to change.