

EMBRAER 145 S5-ACJ



AIRCRAFT SPECIFICATIONS

Manufactured in: Brazil
Maintenance : Europe
Crew: 2 pilots & 1 cabin crew
Capacity: 49 seats
Number of engines: 2
Engine type: AE3007A1

EXTERNAL DIMENSIONS

Wingspan: 20.04 m / 65.9 ft
Length: 29.87 m / 98 ft
Height: 6.76 m / 22.2 ft

PERFORMANCE

Cruise speed: 833 km/h / 450 kts
Cruising altitude: 11 278 m / 37 000 ft
Range: 2 778 km / 1 500 nm

MAIN CABIN DIMENSIONS

Length: 16.34 m / 53.60 ft
Width: 2.1 m / 6.9 ft
Height: 1.82 m / 6 ft

CARGO HOLD

Maximum capacity: 1 200 kg / 2 645 lb
Volume : 9.20 m³ / 324.9 ft³
Luggage/person : 24 kg / 53 lb

OPERATING WEIGHT

Max. take-off weight:
21 990 kg / 48 480 lb
Max. landing weight:
19 300 kg / 42 549 lb
Max. zero fuel weight:
17 900 kg / 39 463 lb
Max. fuel load: 5 116 kg / 11 281 lb
Empty weight: 12 578 kg / 27 730 lb
Max. payload: 5 322 kg / 11 733 lb