



## EXECUTIVE JET SPECIFICATIONS

Registrations	A6-AJA / A6-AJB	
Date of Manufacture	April / May 2009	
Crew	2 flight crew	
Passengers	10 on seats, plus 3 on divan	
Propulsion	2 Turbofan Engines	
Engine Model	Rolls-Royce, AE 3007-A1E	
Engine Power (each)	7,987 lbs	
Max. Range	6,019 km	3,250 nm*
Max. Cruise Speed	833 km/h	450 kts
MMO (max. Mach)	Mach 0.80	
Service Ceiling	12,497 m	41,000 ft
Empty Weight	13,675 kg	30,148 lbs
Max. Takeoff Weight	22,500 kg	49,604 lbs
Max. Landing Weight	18,500 kg	40,785 lbs
Wing Span	21.17 m	69 ft 11
Wing Area	51.2 m	551 ft
Length	26.33 m	86 ft 5
Height	6.76 m	22 ft 2
Cabin Volume	46.7 m	1,650 ft
Cabin Height	1.82 m	6 ft
Cabin Width	2.1 m	6 ft 11
Baggage Volume	6.8 m	240 ft

*\*Range figures are based on ISA conditions with 8 average passengers and baggage*

## DESCRIPTION

The Legacy is a preferred jet for charter for long range and coast to coast travel, known for its uncompromising comfort and reasonable cost. The Legacy is an impressive medium-range mid-sized jet with one of the largest cabins and largest baggage capacity of any jet in its class. With three seating zones, the Legacy has the capability for both business and leisure. It offers seating for up to 12 passengers in an all first class configuration and has a range of over 7 hours flying.

The Legacy is Embraer's mid-size executive jet derived from the ERJ-135 commercial regional jetliner with a number of major changes to the airframe: the addition of winglets to provide increased lift and improved efficiency, underbelly and cargo compartment fuel tanks, increased thrust of its two Rolls-Royce AE3007 engines, and the Honeywell Primus 1000 avionics suite.

## CABIN SPECIFICATIONS

- Iridium Aircell Telephone
- Power Outlets
- 2 x Audio Auxiliary Inputs (for iPod)
- Data Port
- High Speed Internet Access (64 kbps)
- 13 Speaker Cabin Surround Sound System
- Headsets
- 2 x CD/DVD Players
- Airshow 4000
- 3 x 17 inch LCD Screens
- Full Galley and Wet Bar
- Fully Enclosed Aft Lavatory
- Forward Crew Lavatory
- Flight Attendant (1 or 2 depending on number of passengers)
- Convection Oven

