

## SPECIFICATIONS

WEIGHTS	ER Version		LR Version	
Maximum Takeoff Weight	41,887 lb	19,000 kg	44,092 lb	20,000 kg
Maximum Landing Weight	40,785 lb	18,500 kg	40,785 lb	18,500 kg
Maximum Zero Fuel Weight	34,392 lb	15,600 kg	35,274 lb	16,000 kg
Basic Operating Weight	25,137 lb	11,402 kg	25,355 lb	11,501 kg
Maximum Payload	9,255 lb	4,198 kg	9,919 lb	4,499 kg
Maximum Fuel	9,109 lb	4,132 kg	11,322 lb	5,136 kg

### PERFORMANCE (LR Version)

Maximum Operating Speed	M 0.78	M 0.78
Time to Climb to FL 350, TOW for 400 nm	15 min	15 min
Takeoff Field Length, ISA, SL, MTOW	5,774 ft	1,760 m
Takeoff Field Length, ISA, SL, TOW for 400 nm	4,364 ft	1,330 m
Landing Field Length, ISA, SL, MLW	4,462 ft	1,360 m
Range, 37 PAX @ 200 lb (90.7 kg), LRC	1,750 nm	3,241 km

### EXTERNAL DIMENSIONS

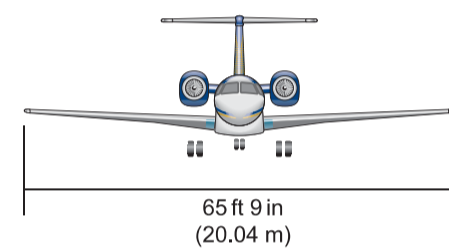
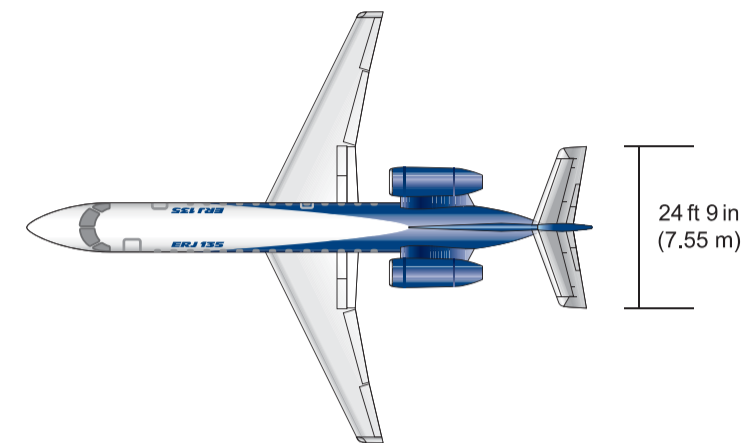
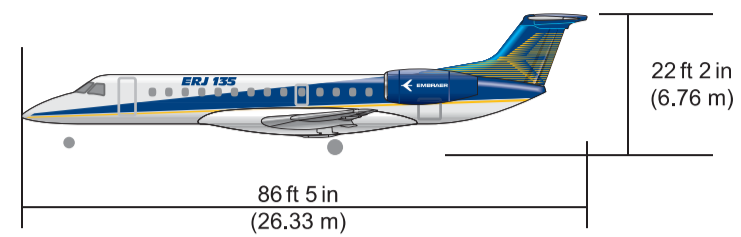
Wingspan	65 ft 9 in	20.04 m
Length Overall	86 ft 5 in	26.33 m
Height Overall	22 ft 2 in	6.76 m
Horizontal Stabilizer Span	24 ft 9 in	7.55 m
Fuselage Diameter	7 ft 6 in	2.28 m

### INTERNAL DIMENSIONS

Cabin Length (excluding cockpit)	42 ft 6 in	12.95 m
Cabin Width	6 ft 11 in	2.10 m
Cabin Height	6 ft 0 in	1.82 m
Aisle Width	17.0 in	0.43 m
Seat Width	17.3 in	0.44 m

May 2005

## VIEWS



ERJ 135

THE ERJ 145 FAMILY  
**135 140 145 145 XR**  
 CAPACITY: 37S - EATS RANGE: 1,750 nm  
 THE EVOLUTION OF REGIONAL.

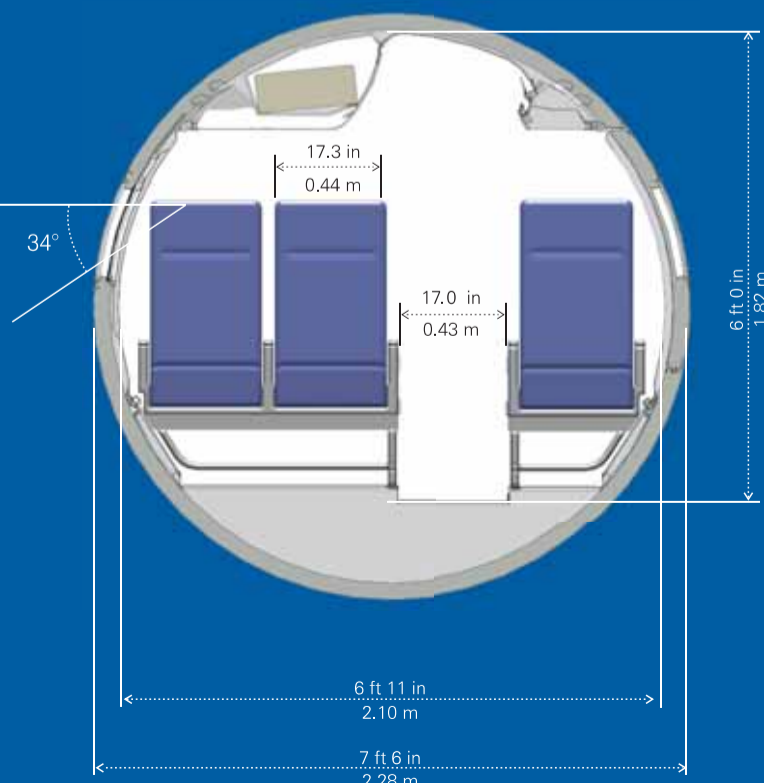


ERJ 135

## ERJ 135

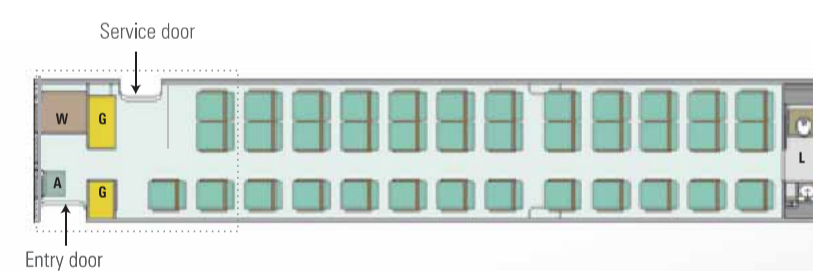
Setting the standard in regional jet transport

The ERJ's three-abreast configuration and large eye-level windows create a spacious and comfortable cabin environment. A wide aisle and unobtrusive overhead bin doors allow easy passenger access to make boarding and deplaning fast and smooth.

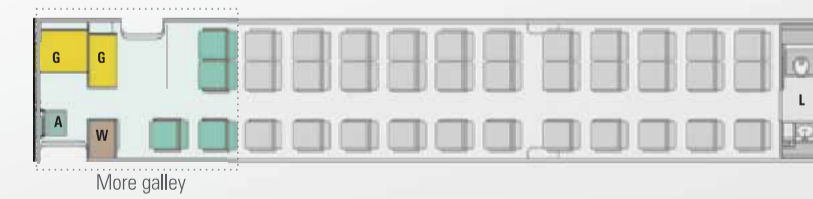


### ERJ 135 INTERIOR LAYOUTS

STANDARD LAYOUT  
 37 seats at 31" pitch



### OPTIONAL CONFIGURATIONS



A - Flight Attendant Seat  
 L - Lavatory  
 G - Galley  
 W - Wardrobe



A proven and versatile regional jet family

With more than 7 million flight hours logged on over 900 aircraft delivered to some 30 operators around the world, the ERJ 145 family of regional jets has proven to be a reliable choice for regional air transport. Three options for airplane size and mission range ensures the ERJ will meet any airline market requirement.

### Engine

The Rolls-Royce AE3007 A installed in the ERJ 135 provides up to 7,426 lb of maximum take-off thrust and offers uncomplicated maintenance procedures thanks to unhandled engine interchangeability design, common hardware among all ERJ family members, and trend data monitoring capability. A dual-channel FADEC system and functional redundancy help to reduce pilot workload and deliver maximum engine reliability. Low noise and pollutant emissions of the ERJ 145 family make them very well accepted by airport neighborhood.

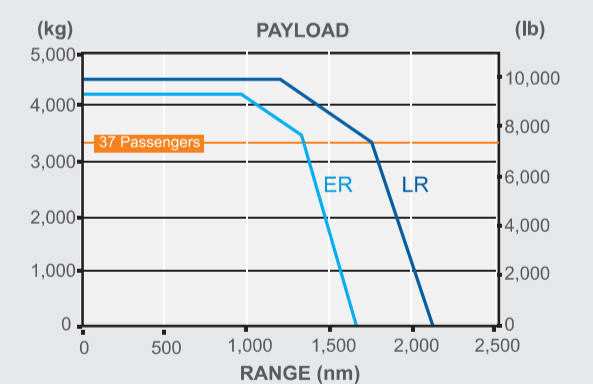


### Cockpit

01. Overhead Panel
02. Flight Guidance Panel
03. Display Control Panel
04. Integrated Standby Instrument System (ISIS)
05. Engine Indication and Crew Alerting System (EICAS)
06. Radio Management Unit (RMU)
07. Multi-Function Flight Display (MFD)
08. Primary Flight Display (PFD)
09. Audio Control Panel
10. Flight Management System (FMS)

### PERFORMANCE

Both the Extended Range and Long Range versions of the ERJ 135 deliver superior mission range and excel on short airfields and hot and high operations.



### ECONOMICS

Proven reliability, simplified maintenance procedures, fast ground turn-around time, and more than 95% parts and systems commonality among all ERJ 145 family members ensure high daily utilization, providing jet speed and efficiency at turboprop operating costs.