



# ERJ145



## ERJ 145 INTERIOR CONFIGURATION 50 SEATS AT 31" PITCH

### WEIGHTS

	EP		LR	
Maximum Takeoff Weight	20,990 kg	46,275 lb	22,000 kg	48,501 lb
Maximum Lading Weight	18,700 kg	41,226 lb	19,300 kg	42,549 lb
Basic Operating Weight (std)	11,947 kg	26,339 lb	12,114 kg	26,706 lb
Maximum Zero Fuel Weight	17,100 kg	37,699 lb	17,900 kg	39,462 lb
Maximum Payload	5,153 kg	11,360 lb	5,786 kg	12,755 lb
Maximum Usable Fuel*	4,132 kg	9,109 lb	5,136 kg	11,322 lb
Maximum Usable Fuel	5,146 l	1,359 gal	6,396 l	1,690 gal

(\* ) Fuel density: 0.803 kg/l (6.70 lb/gal)

### PERFORMANCE

	EPA1/1	LRA1
<b>Max Cruise Speed</b>	M 0.78	M 0.78
<b>Time to climb to FL350</b> TOW for 400 nm, full PAX	20 min	18 min
<b>Takeoff field length</b> TOW for 400nm, full PAX, ISA, SL	1,410 m	1,380 m
	4,626 ft	4,528 ft
<b>Takeoff field length</b> MTOW, ISA, SL	2,030 m	2,270 m
	6,660 ft	7,448 ft
<b>Landing field length</b> MLW, ISA, SL	1,400 m	1,400 m
	4,593 ft	4,593 ft
<b>Service Ceiling</b>	37,000 ft	37,000 ft
<b>Range</b> MLW, ISA, SL	1,200 nm	1,550 nm
	2,224 km	2,873 km