



EMBRAER EMB145

SPECIFICATIONS

FULL FLIGHT SIMULATOR

Manufacturer:	CAE, Montreal
In Service:	Since 2005
Approval Standard:	JAR-STD 1A Amend. 3
Certification Level:	D
Approval Authority:	Swiss FOCA
FSTD ID:	CH-116
Computer Host:	IBM xSeries 230
Motion System:	CAE 600 Series, 6 DOF
Visual System:	CAE Maxvue Plus
Field Of View:	180 x 40 degrees
Simulated Engines:	RR Allison AE 3007 A1
Autopilot:	Hardware Primus 1000
HUD:	Flight Dynamics 3300 V3
FMS:	Honeywell / Universal



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AIRCRAFT

Aircraft Range:	Short
Manufacturer:	Embraer
Length:	29.87 m
Wing Span:	20.04 m
Height:	6.75 m
Take Off Weight:	22'000 kg
Standard Payload:	5'786 kg
Fuel:	5'136 kg
Max. Range:	2'445 km
Average Speed:	Mach 0.78
Engines:	RR Allison AE 3007
Thrust Per Engine:	3'438 kg
Price (1995):	CHF 18 mio.
Passengers:	49
Cockpit Crew:	2
In Service:	2000–2006