



Bombardier CRJ-100/900 (FT 29)

Full-Flight Simulator

With our full-flight simulators we offer you a flight training that meets the latest technical standard and is tailor-made for the requirements of modern airlines. Naturally we adapt our simulators so that they reflect your fleet's systems environments and cockpit layouts as well as your airline's procedures. This enables you to orient your training to accord with your own line operations.

Location

Lufthansa Aviation Training, Berlin-Schoenefeld , (Simulator-ID: FT29)

Simulator

Simulator Manufacturer	CAE, Canada
In Service Date	May 1996 (CRJ-100), December 2006 (CRJ-900)
Aircraft Model	CL600-2D24 (CRJ-900LR), CL600-2B19 (CRJ-100)
Simulator Host Computer	IBM F50 AIX
Motion System	CAE Series 600, 6-DOF, digital
Control Loading	Digital, hydraulic

Aircraft System

Engine Version	CF34-8C5 (CRJ-900), CF34-3A1 (CRJ-100)
Flight Management Computer	FMC-4200
Flight Control Computer	FCC-4000/4010
Flight Control Panel	FCP-4002
CDU	CDU-4100
DCU	DCU-4000/4004
EFD	EFD-4076
Head-Up Guidance Computer	HGC
HGS Overhead Unit	OHU
EGPWS	H/W Version 965-0976-003
ISIS	ISIS

Visual

Visual System Manufacturer	CAE Inc.
Type of Image Generator	TROPOS 6200 LCoS "eyevis" LED Projectors
Type of Display	180x40 FOV mirror
Illumination Levels	Day/Dusk/Dawn/Night
Number of Airport Scenes	About 190

Instructor Station

Display	two 19" Touch-Sensitive Color Graphic LCD Displays; Pushbuttons for direct action
Printer/Plotter	Monochrome Laser Printer
Number of Malfunctions	available on request
Automated Training Lessons	available on request
Non-Predictive Windshear scenarios	available
TCAS	TCAS II 7.1 with several scenarios
ATIS	available
ACARS Scenarios	n/a
Debrief Station/Video/Recording	digital debrief system
Display Options	metric or imperial

Options

EFIS/EICAS	ROCKWELL COLLINS ProLine4
FMS	ROCKWELL Collins FMS 4200
RAAS	available
Head-up guidance system	ROCKWELL COLLINS HGS Model 4200
EFB	available

Qualifications

German LBA	JAR-STD A, LEVEL D (CRJ-900) ; FFS DG AC 120-40B (CRJ-100)
EASA-ID	DE-1A-083 (CRJ-900), DE-1A-022 (CRJ-100)

Simulator Fleet

At our locations in Frankfurt/Main, Berlin, Bremen, Munich, Essen, Vienna and Zurich about 40 full flight simulators reproducing more than 20 aircraft types are at your disposal for cockpit crew training.

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