



## Full-Flight Simulator

# BOMBARDIER CRJ-900 (FT39)

Location Lufthansa Aviation Training, Berlin-Schoenefeld (Simulator-ID: FT39)

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

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AIRCRAFT SYSTEM

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<b>Engine Version</b>	CF34-8C5 (CRJ-900)
<b>Flight Management Computer</b>	FMC-4200
<b>Flight Control Computer</b>	FCC-4010
<b>Flight Control Panel</b>	FCP-4002
<b>CDU</b>	CDU-4100
<b>DCU</b>	DCU-4004
<b>EFD</b>	EFD-4076
<b>Head-Up Guidance Computer</b>	HGC Rockwell Collins
<b>HGS Overhead Unit</b>	OHU
<b>EGPWS</b>	H/W Version 965-0976-003
<b>TCAS II</b>	TCAS II Version 7.1 with several scenarios
<b>ISIS</b>	ISIS

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VISUAL

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

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INSTRUCTOR STATION

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

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OPTIONS

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

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QUALIFICATIONS

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**German LBA**

JAR-STD 1A, LEVEL D

**EASA-ID**

DE-1A-053 (CRJ-900)