



Full-Flight Simulator

BOMBARDIER CRJ-100 (FT28)

Location Lufthansa Aviation Training, Berlin-Schoenefeld (Simulator-ID: FT28)

SIMULATOR	
Simulator Manufacturer	CAE, Canada
In Service Date	November 1992
Aircraft Model	CL600-2B19
Product No	D-ACLA
Simulator Host Computer	IBM RISC 6000 Model 580
Motion System	CAE Series 500, 6-DOF, digital
Control Loading	Digital, hydraulic
AIRCRAFT SYSTEM	
Engine Version	General Electric CF34-3A1
Aerodynamic Data Revision	MAA-601R-165, Rev. F
Flight Management Computer	FMC-4200
DCU	DCU-4000
EFD	EFD-4076
Head-Up Guidance Computer	HGC
HGS Overhead Unit	OHU
EGPWS	H/W Version 965-0976-003
TCAS II	TCAS II Version 7.1 with several scenarios

VISUAL	
Visual System Manufacturer	CAE Inc.
Type of Image Generator	TROPOS 6200 LCoS; "eyevis" LED Projectors
Type of Display	150x40 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	about 330
Automated Training Lessons	available on request
Non-Predictive Windshear Scenarios	available
TCAS	TCAS II 7.1 with several scenarios
ATIS	available
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 2100
QUALIFICATIONS	
German LBA	JAR-STD 1A, LEVEL DG AC 120-40B
EASA-ID	DE-1A-021