



## Full-Flight Simulator

# BOMBARDIER CRJ-900 (FT29)

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

|                         |                                |
|-------------------------|--------------------------------|
| SIMULATOR               |                                |
| Simulator Manufacturer  | CAE, Canada                    |
| In Service Date         | December 2006 (CRJ-900)        |
| Aircraft Model          | CL600-2D24 (CRJ-900LR)         |
| 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-4000/4010      |
| <b>Flight Control Panel</b>       | FCP-4002           |
| <b>CDU</b>                        | CDU-4100           |
| <b>DCU</b>                        | DCU-4000/4004      |
| <b>EFD</b>                        | EFD-4076           |
| <b>Head-Up Guidance Computer</b>  | HGC                |
| <b>HGS Overhead Unit</b>          | OHU                |
| <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;<br>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>ACARS Scenarios</b>                    | n/a  |
| <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 A, LEVEL D (CRJ-900)

**EASA-ID**

DE-1A-083 (CRJ-900)