## Full-Flight Simulator

# BOEING 777-200LR (FT62)

**Location Lufthansa Aviation Training, Berlin-Schoenefeld (Simulator-ID: FT62)**

| SIMULATOR | |
|---|---|
| **Simulator Manufacturer** | CAE, Canada |
| **In Service Date** | June 2009 |
| **Aircraft Model** | 777-200LR |
| **Simulator Host Computer** | Intel XEON Dual Core |
| **Motion System** | electro-mechanical motion system (EMM), 60 inch |
| **Control Loading** | electrical, digital |

| AIRCRAFT SYSTEM | |
|---|---|
| **Basic Engine Data** | General Electric GE90-110B1L |
| **AIMS** | AIMS-2, Blockpoint V17.1 |
| **EGPWC** | Honeywell (965-0976-060-230-230) |
| **TCAS II** | Collins (software solution) |
| **Autopilot** | AFDS-770 |
| **WX-Radar** | Dual WXR System – with predictive windshear – Honeywell RDR-4000 |

## VISUAL

| | |
|---|---|
| **Visual System Manufacturer** | CAE Inc. |
| **Type of Image Generator** | Tropos 6200 |
| **Type of Display** | CAE Wide Mirror 200x40 deg FOV, "eyevis" LED Projectors ESP-LHD 1000 single chip DLP |
| **Illumination Levels** | Day/Dusk/Dawn/Night |
| **Number of Airport Scenes** | more than 100, development in progress |

## INSTRUCTOR STATION

| | |
|---|---|
| **Display** | 2 touch-sensitive, high resolution color LCDs |
| **Printer/Plotter** | Monochrome Laser Printer |
| **Number of Malfunctions** | About 275, all Non Normal Checklist Items covered |
| **Automated Training Lessons** | Available |
| **Multiple Weather Simulation** | 5 airports can be set with variable weather |
| **Unusual Attitude Recovery Training** | Available |
| **Predictive Windshear Scenarios** | Various FAA windshear profiles available |
| **Non-Predictive Windshear Scenarios** | Various windshear profiles for T/O and Landing available |
| **TCAS** | TCAS II, Version 7.1 scenarios for all types of Traffic and Resolution Advisories |
| **ATIS** | available |
| **Datalink (AOC)** | Available |
| **FMCS Flight Plan Copy / Load** | copy and save of flight plans entered in MCDU |
| **Video Recording** | Available |
| **Display Options** | Metric or Imperial |
| **Smoke Simulation** | Available |

| OPTIONS | |
|---|---|
| **AIMS** | all aircraft options supported |
| **Electronic Checklists (part of AIMS)** | Dual ECL supported, customer ECL can be loaded. Special consideration if aircraft and engine type are not matched |
| **Displays (part of AIMS)** | customer OPC diskette can be loaded |
| **FMCS (part of AIMS)** | customer FMCF AMI can be loaded<br>customer nav database diskette can be loaded |
| **CMCF (part of AIMS)** | customer CMCF AMI can be loaded |
| **EICAS (part of AIMS)** | All aircraft options supported |
| **Autoflight** | All aircraft options supported |
| **Warning Electronic System (WES)** | All aircraft options supported |
| **EGPWC** | All aircraft options supported, RAAS available |
| **RAAS** | available |
| **EFB (Electronic Flight Bag)** | Can be made available. Hardware needs to be supplied by customer as BFE |
| **EFB Class 1 (iPad)** | Simulated GPS Position available via Bluetooth (for Moving Map and other functions) |
| **Engines** | GE90-110B1L, GE90-110B1L1, GE90-110B1L2 |

| QUALIFICATIONS | |
|---|---|
| **German LBA** | JAA Level D, annually, according to JAR-FSTD A |
| **EASA-ID** | DE-1A-075 |