



Boeing 777-200LR (FT62)

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: 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

Illumination Levels	single chip DLP
Number of Airport Scenes	Day/Dusk/Dawn/Night 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 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
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

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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