



Full-Flight Simulator

BOEING 777-300ER (FT70)

Location Lufthansa Aviation Training, Frankfurt (Simulator-ID: FT70)

SIMULATOR	
Simulator Manufacturer	Lockheed Martin Commercial Flight Training (LM CFT)
In Service Date	August 13, 2015
Aircraft Model	Boeing 777-300ER
Simulator Host Computer	Dell R7610 dual processor quad core Intel Xeon (64-bit Windows 7)
Motion System	MOOG FCS EPM 6 DOF 660-14000 (electrical, 60 inch)
Control Loading	electrical, digital
AIRCRAFT SYSTEM	
Basic Engine Data	General Electric GE90-115BL
AIMS	AIMS-2, Blockpoint V17.1
EGPWC	965-1690-055
Autopilot	AFDS-770
WX-Radar	Honeywell RDR-4000 - Dual WXR System - With Predictive Windshear

VISUAL	
Visual System Manufacturer	Rockwell Collins
Type of Image Generator	EP-8000
Type of Display	200x40 deg FOV, Q4 Mirror, BPS, "eyevis" LED Projectors ESP-LHD 1000, single chip DLP
Illumination Levels	Day/Dusk/Dawn/Night
Number of Airport Scenes	more than 50, development in progress
INSTRUCTOR STATION	
Display	2 touch-sensitive, high resolution color LCDs
Printer/Plotter	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)	will become available later than RFT
FMCS Flight Plan Copy / Load	available
Video Recording	part of debrief station, will become available later than RFT
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, patch by Boeing may be required
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)	Class 3 and Class 1 (iPad with data integration as per LCAG aircraft)
Engines	GE90-115BL
QUALIFICATIONS	
German LBA	EASA Level D, annually, according CS-FSTD (A)
EASA-ID	DE-1A-094