



Full-Flight Simulator

AIRBUS A380-800 (FT52)

Location Lufthansa Aviation Training, Frankfurt (Simulator-ID: FT52)

SIMULATOR	
Simulator Manufacturer	Thales, England
In Service Date	January 2010
Aircraft Model	A380-841
Registration (Master Aircraft)	D-AIMA
Product No.	MSN 038
Simulator Host Computer	Ind. Dual Pentium PC (Thales C2000X+, RACE 4+ Power PC boards (RISC))
Motion System	Thales - Hydraulic, Synergistic 6 DOF, digital, Digital
Control Loading	Digital, hydraulic

AIRCRAFT SYSTEM	
Engine Version	Rolls Royce RB211-Trent 972-84, 341.60 kN
FADEC (EEC)	L11.1
Aerodynamic Data Revision	Airbus Standard 1.4.0
Auto Flight System (AFS)	Airbus Standard 1.4.0
WBBC	W9.1B
FMS	L2.1
FCGU	P10.7
FCU, FCUB	H4.4 Std. 4.1
Electronic Flight Control System	Airbus Standard 1.4.0
PRIM	P10.7
SEC	S10.4
FDC	F10.4b
Control & Display System	L5.2 (Airbus Standard 1.4.0)
Clock	L3
FWS	L52B
DU (CDS)	HW S5, SW L5.1b
ECAM	Customized
KCCU	S7
CMV (ETACS, CDSS, CVMS, OANS)	L4
HSMU	Airbus Standard 1.4.0
BCS/SCS	S6E/S5B
ADIRS	L4.2
MMR/GPS, SNS, RA	Airbus Standard 1.4.0
OANS	A5.2
AESS (XPDR, TCAS, TAWS, WXR/PWS)	Airbus Standard 1.4.0
RAIMS	Airbus Standard 1.4.0
VISUAL	
Visual System Manufacturer	Rockwell Collins, England
Type of Image Generator	EP-1000CT & EP10
Type of Display	TTS Wide Mirror 200x40 deg FOV, "eyevis" LED Projectors ESP-LHD 1000, single chip DLP
Illumination Levels	Day/Dusk/Night/Dawn
Number of Airport Scenes	more than 90

INSTRUCTOR STATION	
Display	2x15" LCD with capacitive touch screens mounted on IOS seat (FFIOS)
Printer/Plotter	Monochrome /Colour Laser Printer
Number of Malfunctions	300
Automated Training Lessons	Available on request for Proficiency Check, Conversion, LOFT, Refresher
Multiple Weather Simulation	Provides setting of individual weather conditions at different airports either by selection of a predefined weather scenario or by manual presetting.
Predictive windshear scenarios	various FAA windshear profiles available
Non-Predictive windshear scenarios	various windshear profiles for T/O and Landing available
TCAS	various scenarios with individual definition of intruder trajectory available
Datalink (AOC/FANS)	various AOC scenarios available, customized AOC applications on request
ATIS	Available
FMS Flight Plan Copy/Load	copy of entered flight plans and manual load of predefined flight plans on request, automatic reload of entered flight plan after reposition to the same T/O position
Debrief Station	Video and Audio Recording, basic Display and 3-D animation
Display Options	Metric and/or imperial
OPTIONS	
	Provision of Customer Options on request
QUALIFICATIONS	
German LBA	JAA Level D, annually, according to JAR-FSTD A
EASA-ID	DE-1A-080