



Full-Flight Simulator

AIRBUS A330-300 (FT47)

Location Lufthansa Aviation Training, Frankfurt (Simulator-ID: FT47)

SIMULATOR	
Simulator Manufacturer	CAE, Canada
In Service Date	July 2004
Aircraft Model	A330-343
Registration (Master Aircraft)	D-AIKA
Product No.	MSN 570
Simulator Host Computer	IBM RISC System/6000 Model F50
Motion System	Series 600, Hydraulic, Synergistic 6 DOF
Control Loading	Electrical Load Units for Trim. Horizontal Stabilizer (THS) and Brake Pedals

AIRCRAFT SYSTEM	
Engine Version/FADEC STD.	Rolls-Royce RB211-TRENT 772B-60, FADEC/EEC A11.4
Auto Flight System AFS	
FMGEC	THALES/SMITH FMS2 Std. T2CD8 (Rev 2+), (aircraft LRU) (OPC & AMI Databases: DLH Config).
FCU	AB03, THALES AVIONICS, (aircraft LRU)
MCDU	BA01, THALES AVIONICS, (aircraft LRU)
Electronic Flight Control System	
FCPC (PRIM)	STD. M16, AIRBUS FRANCE, SoftEFCS
FCSC (SEC)	STD. L17A/M16, AIRBUS FRANCE, SoftEFCS
FCDC	STD. L17/M15, THALES AVIONICS, SoftEFCS
PFTU	6259-2, SAGEM FRANCE, (aircraft LRU)
Fuel Control Manag. Computer (FCMC)	Stage 10, AIRBUS/ SIMMONDS PREC
Electronic Instrument System (EIS2)	
DU	EIS2, LCD Technology, Thales Avionics, (aircraft LRU)
DMC	EIS2 L6-1, Thales Avionics, (aircraft LRU)
FWC	T7, Airbus France, (aircraft LRU)
SDAC	C9-0, AIRBUS FRANCE
BSCU	9C, Messier Bugatti
ADIRS	LITTON -314 + Air Data Monitoring/BUSS
MMR	Hosts GPS, Rockwell Collins
Standby Instrument System	
Integrated Standby System (ISIS) VA01	
Weather Radar System	
Dual Weather Radar with PWS (Rockwell Collins)	
EGPWS	MARK V, Honeywell (aircraft LRU), RAAS available
TCAS II	Change 7.1, Rockwell Collins
ATSU (AOC/FANS)	FANS A, Airbus France, (aircraft LRU), CNS/ATM: CPDLC simulation available
SATCOM	SDU, Honeywell
EFB	Electronic Flight Bag Class 2 (Goodrich), (aircraft LRU)
VISUAL	
Visual System Manufacturer	Evans & Sutherland
Type of Image Generator	EP-100OCT
Type of Display	CAE Wide Mirror 200x40 deg FOV, ESCP 2000 Projectors
Illumination Levels	Day/Dusk/Night/Dawn
Number of Airport Scenes	more than 100

INSTRUCTOR STATION	
Display	2 LCD touch screen monitors
Printer/Plotter	HP Laserjet 4050N, monochrome
Number of Malfunctions	300
Automated Training Lessons	Provision of customized Training Lessons on request
Multiple Weather Simulation	Provides setting of individual weather conditions for 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 Landing and T/O Windshear profiles available
TCAS	various scenarios with individual definition of intruder trajectory available
ATIS	ATIS integral part of Multiple Weather simulation
FMS Flight Plan Copy / Load	Automatic reload of entered Flight Plan after reposition to same airport. On request: manual load of predefined Flight Plans.
Debrief Station	Video and Audio Recording, basic Display-animation
Display Options	metric / imperial / CIS
OPTIONS	
	Provision of Customer Options on request
Electronic Flight Bag	Lufthansa Class II EFB
EGPWC	RAAS activated
QUALIFICATIONS	
German LBA	JAA Level D, annually, according to JAR-STD 1A
EASA-ID	DE-1A-047