



# Airbus A330-300 (FT47)

## 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

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### Location

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

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### Simulator

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

### Aircraft System

<b>Engine Version/FADEC STD.</b>	Rolls-Royce RB211-TRENT 772B-60, FADEC/EEC A11.4
<b>Auto Flight System AFS</b>	THALES/SMITH FMS2 Std. T2CD8 (Rev 2+), (aircraft LRU)
<b>FMGEC</b>	(OPC & AMI Databases: DLH Config).
<b>FCU</b>	AB03, THALES AVIONICS, (aircraft LRU)
<b>MCDU</b>	BA01, THALES AVIONICS, (aircraft LRU)
<b>Electronic Flight Control System</b>	
<b>FCPC (PRIM)</b>	STD. M16, AIRBUS FRANCE, SoftEFCS
<b>FCSC (SEC)</b>	STD. L17A/M16, AIRBUS FRANCE, SoftEFCS
<b>FCDC</b>	STD. L17/M15, THALES AVIONICS, SoftEFCS
<b>PFTU</b>	6259-2, SAGEM FRANCE, (aircraft LRU)
<b>Fuel Control Manag. Computer (FCMC)</b>	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	T5, 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-1000CT
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

Displays	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 wind profiles available
Non-Predictive Windshear Scenarios	Various Landing and T/O Windshear profiles available
TCAS	Various scenarios with individual definition of intruder trajectory available
Datalink (AOC/FANS)	Various AOC (ACARS) and CPDLC scenarios 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

## 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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Lufthansa Aviation Training Germany GmbH

Airporting, Tor 24, 60549 Frankfurt, E-mail: [customersupport@lat.dlh.de](mailto:customersupport@lat.dlh.de)

[lufthansa-aviation-training.com](http://lufthansa-aviation-training.com)