



Airbus A330-200 (FT69)

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: FT69)

Simulator

Simulator Manufacturer	CAE Electronics Ltd.
In Service Date	October 2012
Aircraft Model	Airbus A330-200E
Registration (Master Aircraft)	n/a (Airbus Standard LR 2.4)
Product No.	2THP (CAE)
Simulator Host Computer	AVNET PC
Motion System	MOOG, EMM Series 5200, 60 inch, 6 DOF
Control Loading	Digital, electric

Aircraft System

Engine Version	Rolls Royce Trent 772B-60, FADEC/EEC
Primary Fit	Pratt&Whitney PW4170, FADEC
Secondary Fit	General Electric CF6-80E1A3, FADEC
Third fit:	

Auto Flight System

Flight Management Guidance System	Thales FMS2 rehosted
FCU	Orig. a/c box installed
FAC	CAE Software Simulation
MCDU	Thales Orig. a/c box installed

Electronic Flight Control System

FCPC	Airbus sEFCS package
FCSC	Airbus sEFCS package
FCDC	Airbus sEFCS package

Electronic Instrument System

DMC	CAE Software simulation
FWC	Airbus SAS rehosted
ACARS	Orig. a/c box installed
APU	CAE software simulation
DU	CAE modified hardware
TCAS	7.1, CAE Software Simulation
EGPWS	Honeywell, Orig. a/c box installed

Visual

Visual System Manufacturer	CAE Electronics Ltd., Montreal, Canada
Type of Image Generator	TROPOS 6200
Type of Display	200x40 deg FOV, "eyevis" LED Projectors ESP-LHD 1000, single chip DLP
Illumination Levels	Day/Dusk/Dawn/Night
Number of Airport Scenes	More than 70 on request available

Instructor Station

Display	2x15" LCD touch screens mounted on IOS seat (FFIOS)
Printer/Plotter	Monochrome Laser Printer
Number of Malfunctions	269
Automated Training Lessons	available on request for Base Check, Conversion, LOFT, Refresher
Landing Training	Individual definition of a generic airfield (RWY Characteristics: Length, Width, parallel RWY; RWY Lights: VLA, Appr. Lights) not available (single weather simulation around the a/c)
Multiple Weather Simulation	available
Unusual Attitude Recovery Training	various FAA windshear profiles available
Predictive Windshear Scenarios	various windshear profiles for T/O and Landing available
Non-Predictive Windshear Scenarios	various scenarios with individual definition of intruder trajectory available
TCAS	available
ATIS	available
ACARS scenarios	Customized datalink applications available on request
FMS Flight Plan Copy / Load	copy of entered flight plans and manual load of predefined flight plans
Debrief Station/Video/Recording	Colour camera and DVD-RAM recorder
Display Options	metric and/or imperial

Options

20 different Customer Options available.
Up to 20 different FMS NAV databases loadable and selectable for different customers.

Qualifications

German LBA	JAA Level D, annually, according to JAR-FSTD A
EASA-ID	DE-1A-091

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.

Klick here to find our full-flight simulator fleet: [Airbus](#) [Boeing](#) [Bombardier](#) [Embraer](#)

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