



# Airbus A320-200 (FT44)

## 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, Berlin-Schoenefeld (Simulator-ID: FT44)

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### Simulator

<b>Simulator Manufacturer</b>	CAE, Canada
<b>In Service Date</b>	April 2006
<b>Aircraft Model</b>	A320-214
<b>Registration (Master Aircraft)</b>	n/a (Airbus Standard 1.3.2)
<b>Product No.</b>	2RQC
<b>Simulator Host Computer</b>	IBM PC X235
<b>Motion System</b>	Series 600, 6 DOF, digital
<b>Control Loading</b>	digital, hydraulic

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### Aircraft System

**Engine Version** CFM56-5B4

### Auto Flight System

<b>FMGS</b>	Thales, C13042AA01 FMS2 Type Pegasus – rehosted (CFM) Level/Std. P1C8
<b>FCU</b>	Sextant Std M11
<b>FAC</b>	CR102 (Software simulation)
<b>MCDU</b>	Honeywell (Orig. a/c boxes) Std. 1.2

### Electronic Flight Control System

<b>ELAC</b>	Airbus sEFCS package Level/Std. L81
<b>SEC</b>	Airbus sEFCS package Level/Std. L104-01

<b>FCDC</b>	Airbus sEFCS package Level/Std. 53
<b>DMC</b>	Orig. a/c box installed Level/Std. EIS2-S7
<b>FWC</b>	CAE Software Simulation Level/Std. H2-F7
<b>TCAS II</b>	CAE Software Simulation Level/Std. 7.1
<b>ACARS</b>	Orig. a/c box installed Level/Std. ATSU
<b>EGPWS</b>	Orig. a/c box installed
<b>ADIRU</b>	CAE Software Simulation Level/Std. HG2030AD11
<b>MMR (hosts GPS)</b>	CAE Software Simulation
<b>ISIS</b>	orig. a/c instruments installed

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### Visual

<b>Visual System Manufacturer</b>	Evans & Sutherland
<b>Type of Image Generator</b>	EP-1000CT
<b>Type of Display</b>	ESP200 180x40 deg FOV mirror
<b>Illumination Levels</b>	Day/Dusk/Dawn/Night
<b>Number of Airport Scenes</b>	more than 70 on request available

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### Instructor Station

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

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### Options

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

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### Qualifications

<b>German LBA</b>	JAA Level D, annually, according to JAR-STD 1A Amendmend 3
<b>EASA-ID</b>	D-1A-051

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### 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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