

# Airbus A320-200

## / 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.

<b>Location</b>	Lufthansa Flight Training Center, Frankfurt (Simulator-ID: FT49)	
<b>Simulator</b>	<ul style="list-style-type: none"> <li>&gt; Simulator Manufacturer</li> <li>&gt; In Service Date</li> <li>&gt; Aircraft Model</li> <li>&gt; Registration (Master Aircraft)</li> <li>&gt; Product No.</li> <li>&gt; Simulator Host Computer</li> <li>&gt; Motion System</li> <li>&gt; Control Loading</li> </ul>	<p>Thales Training &amp; Simulation Ltd.                  July 2004                  A320-211 / A320-232                  D-AIQW                  MSN 1367                  Industrial Dual Pentium PC, 60 Hz (Thales - C2000X+, RACE III Power PC boards (RISC))                  Hydraulic, Synergistic 6 DOF, digital, COSMOS M2K                  digital, hydraulic</p>
<b>Aircraft Systems</b>	<ul style="list-style-type: none"> <li>&gt; Engine Version                         <ul style="list-style-type: none"> <li>Primary Fit</li> <li>Secondary Fit</li> </ul> </li> <li>&gt; Auto Flight System                         <ul style="list-style-type: none"> <li>FMGS</li> <li>FCU</li> <li>FAC</li> <li>MCDU</li> </ul> </li> <li>&gt; Electronic Flight Control System                         <ul style="list-style-type: none"> <li>ELAC</li> <li>SEC</li> <li>FCDC</li> </ul> </li> <li>&gt; DMC</li> <li>&gt; FWC</li> <li>&gt; TCAS II</li> <li>&gt; ACARS</li> <li>&gt; EGPWS</li> <li>&gt; GNADIRU</li> <li>&gt; MMR</li> <li>&gt; Standby Instrument System</li> </ul>	<p>General Electric CFM56-5A1, 25000 lbs T/O thrust                  IAE V2527-A5, 27000 lbs T/O thrust</p> <p>FA8C701 Legacy FG, Thales Avionics Sa (CFM) (Software simulation) / FA8I701 Legacy FG, Thales Avionics Sa (IAE) (Software simulation)</p> <p>EM2 Std.3, Thales Avionics Sa (Orig. a/c box)                  CR102, Thales Avionics Sa (Software simulation)                  Honeywell Air Transport (Orig. a/c boxes)</p> <p>L81, Thales Avionics Sa (Airbus Gray Box)                  L104, Thales Avionics Sa (Airbus Gray Box)                  L53, LITEF GmbH (Airbus Gray Box)                  V40, Thales Avionics Sa (Orig. a/c boxes)                  H2-E2, Airbus France (Airbus simulation package)                  7.0, Rockwell Collins Inc. (Software simulation)                  préFANS+ (CSB2.2B), Airbus France (ATSU, Orig. a/c box)                  MK V, Honeywell International Inc. (Orig. a/c box)                  Litton Systems Inc. (Software Simulation)                  hosts GPS, Thales Avionics Sa (Software simulation)                  Thales Avionics Sa (ISIS, Org. a/c unit)</p>





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Visual	<ul style="list-style-type: none"> <li>&gt; Visual System Manufacturer</li> <li>&gt; Type of Image Generator</li> <li>&gt; Type of Display</li> <li>&gt; Illumination Levels</li> <li>&gt; Number of Airport Scenes</li> </ul>	<p>Rockwell Collins EP-1000CT TTS Wide Mirror 200x40 deg FOV Day/Dusk/Night/Dawn about 100</p>
Instructor Station	<ul style="list-style-type: none"> <li>&gt; Displays</li> <li>&gt; Printer/Plotter</li> <li>&gt; Number of Malfunctions</li> <li>&gt; Automated Training Lessons</li>   <li>&gt; Landing Training</li>   <li>&gt; Multiple Weather Simulation</li>   <li>&gt; Unusual Attitude Recovery Training</li> <li>&gt; Predictive Windshear Scenarios</li> <li>&gt; Non-Predictive Windshear Scenarios</li> <li>&gt; TCAS</li>   <li>&gt; ATIS</li> <li>&gt; Datalink (AOC/FANS)</li>   <li>&gt; FMS Flight Plan Copy / Load</li>   <li>&gt; Debrief Station/Video/Recording</li>   <li>&gt; Display Options</li> </ul>	<p>2x15" LCD touch screens mounted on IOS seat (FFIOS) Monochrome / colour Laser Printer 300 available on request for Base Check, Conversion, LOFT, Refresher Individual definition of a generic airfield (RWY Characteristics : Length, Width, parallel RWY; RWY Lights: VLA, Appr. Lights) Provides setting of individual weather conditions at different airports either by selection of a predefined weather scenario or by manual presetting available various FAA windshear profiles available various windshear profiles for T/O and Landing available various scenarios with individual definition of intruder trajectory available available various AOC scenarios available customized AOC applications on request 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 Video and Audio Recording, basic Display and 3D-animation metric and/or imperial</p>
Options		Provision of Customer Options on request
Qualifications	<ul style="list-style-type: none"> <li>&gt; German LBA</li>   <li>&gt; JAA STD ID Code</li> </ul>	<p>JAA Level D, annually, according to JAR-STD 1A Zero Flight Time (Approved for Lufthansa) DE-1A-046</p>

last update: Mar 10

### / Full Flight Simulator Fleet

At our locations in Frankfurt/Main, Bremen, Berlin, Vienna and Munich 35 full flight simulators reproducing 20 aircraft types are at your disposal for cockpit crew training.

Airbus A310-300/A300-600(R) (Frankfurt), Airbus A310-300 (Berlin), Airbus A319-100 (Frankfurt), Airbus A320-200 (2 simulators, Frankfurt), Airbus A320-200 (2 simulators, Vienna), Airbus A320-200 (3 simulators, Berlin), Airbus A320 (Munich), Airbus A321-100 (Frankfurt), Airbus A330-300 Enhanced (Frankfurt), Airbus A340-300 (2 simulators, Frankfurt), Airbus A340-600 (Frankfurt), Airbus A330-300/A340-600 (Munich), Airbus A380 (Frankfurt)  
Boeing 737-300 (2 simulators, Frankfurt), Boeing 737-300 (Berlin), Boeing 737-300/400/500 (Frankfurt), Boeing 737-800 (3 Simulators, Berlin), Boeing 747-200 (Frankfurt), Boeing 747-400 (3 simulators, Frankfurt), Boeing 757-200/767-300ER (Frankfurt), Boeing 767-300ER (Frankfurt), Boeing MD-11/MD-11F (Frankfurt), Boeing MD-11 (Zurich), Boeing 777-200LR (Berlin), **Boeing 747-8 (Frankfurt, 2012)**  
Dash 8-Q400 (Vienna)

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