



# Airbus A320-200 (FT55)

## 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

Essen, cooperation partner TFC Käufer (Simulator-ID: FT55)

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### Simulator

<b>Simulator Manufacturer</b>	CAE, Canada
<b>In Service Date</b>	August 2008
<b>Aircraft Model</b>	A320-214, A320-232
<b>Registration (Master Aircraft)</b>	n/a (Airbus Standard 1.5.0)
<b>Product No.</b>	n/a
<b>Simulator Host Computer</b>	1 Operation Server, Single Duo-core Intel Woodcrest
<b>Motion System</b>	electro-mechanical motion system (EMM), 42 inch
<b>Control Loading</b>	digital

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### Aircraft System

<b>Engine Version</b>	
<b>Primary Fit</b>	General Electric CFM56-5B4, 27000 lbs T/O thrust
<b>Secondary Fit</b>	IAE V2527-A5, 27000 lbs T/O thrust

### Aerodynamic Data Revision

Aerospatiale D00218202 Aerodynamic Specification for Flight Training Simulator,  
Aerospatiale D00620000 Inertia & Moments for Flight Simulator  
Standard 1-5-0 CFM Engines,  
Aerospatiale D00620100 Inertia Moments for Simulator Standard 1-5-0  
IAE Engines,

## Auto Flight System

<b>FMGS</b>	S5C12 Topflight Thales Avionics (CFM) (Software simulation), S5I11 Topflight Thales Avionics (IAE) (Software simulation)
<b>FCU</b>	EM2 Std.2, Thales Avionics Sa
<b>FAC</b>	CR121, Thales Avionics Sa (software simulation)
<b>MCDU</b>	Thales Avionics

## Electronic Flight Control System

<b>ELAC</b>	L91, Thales Avionics Sa (sEFCS)
<b>SEC</b>	L112, Thales Avionics Sa (sEFCS)
<b>FCDC</b>	L56, LITEF GmbH (sEFCS)

## Electronic Instrument System

<b>DMC</b>	EIS2 / S8, Thales Avionics
<b>FWC</b>	H2-F5, Airbus France (CAE software simulation)

## EGPWS

TCAS II  
Sundstrand - Honeywell  
7.1, Honeywell (software simulation)

## Standby Instrument System

Thales Avionics Sa (simulated instrument)

## Visual

<b>Visual System Manufacturer</b>	CAE, Canada
<b>Type of Image Generator</b>	Tropos 6400 (1920x1080 pixel)
<b>Type of Display</b>	CAE Wide Mirror 180x40 deg FOV, "eyevis" LED Projectors ESP-LHD 1000 single chip DLP
<b>Illumination Levels</b>	Day/Dusk/Dawn/Night
<b>Number of Airport Scenes</b>	36

## Instructor Station

<b>Displays</b>	2 touch-sensitive, high resolution color LCDs.
<b>Printer/Plotter</b>	Monochrome Laser Printer
<b>Number of Malfunctions</b>	221
<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>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>FMS Flight Plan Copy / Load</b>	copy of entered flight plans and manual load of predefined flight plans on request
<b>Debrief Station/Video/Recording</b>	n/a
<b>Display Options</b>	metric and/or imperial

## Options

<b>Electronic Flight Bag</b>	Provision of Customer Options on request
<b>EGPWC</b>	Lufthansa Class II EFB (Standalone Version : no A/C Position available) NO RAAS available

## Qualifications

<b>German LBA</b>	JAA Level D, annually, according to JAR-STD 1A
<b>EASA-ID</b>	DE-1A-069

## 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. [Click here to find our full-flight simulator fleet: Airbus, Boeing, Bombardier, Embraer.](#) [Click here to find our other training devices.](#)

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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)