



Airbus A320-200 (FT66)

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, Frankfurt (Simulator-ID: FT66)

Simulator

Simulator Manufacturer	CAE, Canada
In Service Date	December 2011
Aircraft Model	A320-214, A320-232
Registration (Master Aircraft)	n/a (Airbus Standard 1.7.0)
Product No.	n/a
Simulator Host Computer	1 Operation Server, Single Duo-core Intel Woodcrest
Motion System	electro-mechanical motion system (EMM), 60 inch
Control Loading	digital

Aircraft System

Engine Version	
Primary Fit	General Electric CFM56-5B4, 27000 lbs T/O thrust, 5BQ
Secondary Fit	IAE V2527-A5, 27000 lbs T/O thrust, SCN19

Aerodynamic Data Revision	RQTG D00224300 for CFM56-5B4 engine RQTG D00222003 for V2527-A5 engine
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Auto Flight System

FMGS	S5C12 Topflight Thales Avionics (CFM) (Software simulation), S5I11 Topflight Thales Avionics (IAE) (Software simulation)
FCU	EM2 Std.3, Thales Avionics Sa (Simulated Hardware)
FAC	CR121, Thales Avionics Sa (CAE Software Simulation)
MCDU	Thales Avionics (Simulated Hardware)

Electronic Flight Control System

ELAC	L93, Thales Avionics Sa (sEFCS)
SEC	112, Airbus France (sEFCS)
FCDC	57, Airbus France (sEFCS)

Electronic Instrument System

DMC	EIS2 / S8, Thales Avionics
FWC	H2-F5, Airbus France (CAE software simulation)
TCAS II	7.1, Honeywell (Software simulation)
ACARS	préFANS+(CSB2.2B), Airbus France (ATSU, CAE Software simulation)
EGPWS	Sundstrand - Honeywell (CAE Software Simulation)

Visual

Visual System Manufacturer	CAE, Canada
Type of Image Generator	Tropos 6400 (1920x1080 pixel)
Type of Display	CAE Wide Mirror 180x40 deg FOV, "eyevis" LED Projectors ESP-LHD 1000 single chip DLP
Illumination Levels	Day/Dusk/Dawn/Night
Number of Airport Scenes	200

Instruction Station

Printer/Plotter	Color Laser Printer
Number of Malfunctions	221
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)
Multiple Weather Simulation	not available
Unusual Attitude Recovery Training	available
Predictive Windshear Scenarios	various FAA windshear profiles available
Non-Predictive Windshear Scenarios	various windshear profiles for T/O and Landing available
TCAS	various scenarios with individual definition of intruder trajectory available
ATIS	available
FMS Flight Plan Copy / Load	copy of entered flight plans and manual load of predefined flight plans on request
Debrief Station/Video/Recording	CAE Debrief Station
Display Options	metric and/or imperial

Options

Electronic Flight Bag	Provision of Customer Options on request 01.04.2012 Lufthansa Class II EFB(Standalone Version-no A/C Position)
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Qualifications

German LBA	JAA Level D, annually, according to JAR-FSTD A
EASA-ID	DE-1A-087

Simulator Fleet

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