



## Full-Flight Simulator

# AIRBUS A320-200 (FT71)

Location Lufthansa Aviation Training, Frankfurt (Simulator-ID: FT71)

SIMULATOR	
Simulator Manufacturer	CAE, Canada
In Service Date	December 2014
Aircraft Model	A320-214, A320-232
Registration (Master Aircraft)	n/a (Airbus Standard 1.9.)
Product No.	n/a
Simulator Host Computer	Distributed Simulation Nodes, Intel x64 architecture
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, 5BS4F3
Secondary Fit	IAE V2527-A5, 27000 lbs T/O thrust, SCN21/AA
Aerodynamic Data Revision	RQTG D00226700 for CFM56-5B4 engine RQTG D00226800 for V2527-A5 engine
Auto Flight System	
FMGS	Thales Release 1A (AP/FD TCAS option available) Level/Std.: CFM: Std S7PC13 / IAE: Std S7PI12
FCU	Std.4 with expedite function Level/Std.: Std 4
FAC	FAC C, ROPS function available (CAE Software Simulation)
MCDU	Thales Avionics (Simulated Hardware)

<b>FCDC</b>	STD 59 (sEFCS)
<b>Electronic Instrument System</b>	
<b>DMC</b>	EIS2 / S11
<b>FWC</b>	H2-F9D
<b>TCAS II</b>	Honeywell TPA100B (CAE Software Simulation)
<b>ACARS</b>	préFANS+(CSB2.2B), Airbus France (ATSU, CAE Software Simulation)
<b>EGPWC</b>	Honeywell MK V (CAE Software Simulation)
<b>VISUAL</b>	
<b>Visual System Manufacturer</b>	CAE Electronics
<b>Type of Image Generator</b>	Tropos 6000XR Series
<b>Type of Display</b>	CAE Wide Mirror 200x40 deg FOV, 3 ch LCoS Sony HD Projectors
<b>Illumination Levels</b>	Day/Dusk/Dawn/Night
<b>Number of Airport Scenes</b>	20, more than 200 available on request
<b>INSTRUCTOR STATION</b>	
<b>Printer/Plotter</b>	Color Laser Printer
<b>Number of Malfunctions</b>	>200
<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>	Airport/En Route Environment for 10 Airports
<b>Upset Prevention and Recovery Training (UPRT)</b>	Scenario and Manoeuvre based Training, Visualisation aids
<b>Predictive Windshear Scenarios</b>	various FAA windshear profiles availables
<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 (Voice ATIS and D-ATIS)
<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>	CAE Debrief Station
<b>Display Options</b>	metric and/or imperial

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OPTIONS

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**Electronic Flight Bag**

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Provision of Customer Options on request

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Airbus EFB Class II option available

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QUALIFICATIONS

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**German LBA**

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EASA CS-FSTD (A), Level D

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**EASA-ID**

DE-1A-096