



## Full-Flight Simulator

# AIRBUS A320-200 (FT75)

Location Lufthansa Aviation Training, Frankfurt (Simulator-ID: FT75)

SIMULATOR	
Simulator Manufacturer	CAE, Canada
In Service Date	December 2017
Aircraft Model	A320-271N /-214
Registration (Master Aircraft)	n/a (Airbus Standard 2.0.0)
Product No.	113567
Simulator Host Computer	Distributed Simulation Nodes, Intel x64 architecture
Motion System	electro-mechanical motion system (Moog EMM 2n Gen), 60 inch
Control Loading	digital

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**AIRCRAFT SYSTEM**


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**Engine Version**
**Primary Fit**

PW1127G-JM, 27000 lbs T/O thrust, FCS3.1

**Secondary Fit**

CFM56-5B4, 27000 lbs T/O thrust, 5BTF3

**Aerodynamic Data Revision**

 RQTG D00228600 for PW1127G-JM engine RQTG  
 D00226700 for CFM56-5B4 engine

**Auto Flight System**
**FMGS**

 Thales Release 1A (AP/FD TCAS option available) Level/Std.:  
 CFM: S7APC16 / PW: S7AP115

**FCU**

Std.4 with expedite function Level/Std.: Std 4

**FAC**

FAC C, ROPS function available (CAE Software Simulation)

**MCDU**

Thales Avionics (Simulated Hardware)

**FCDC**

STD 59 (sEFCS)

**Electronic Instrument System**
**DMC**

EIS2 / S13.2

**FWC**

H2-F9D

**TCAS II**

Honeywell TPA100B (CAE Software Simulation)

**EGPWC**

Honeywell MKV-A (rehosted)

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**VISUAL**


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**Visual System Manufacturer**

CAE Electronics

**Type of Image Generator**

Tropos 6000XR Series

**Type of Display**

CAE Wide Mirror 200x40 deg FOV, 3 ch LED Projectors

**Illumination Levels**

Day/Dusk/Dawn/Night

**Number of Airport Scenes**

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)
<b>Multiple Weather Simulation</b>	n/a
<b>Upset Prevention and Recovery Training (UPRT)</b>	Full Stall qualified acc. to CS-FSTD(A) Issue 2
<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 (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
<b>OPTIONS</b>	
	Provision of Customer Options on request
<b>Electronic Flight Bag</b>	Airbus EFB Class II option available
<b>QUALIFICATIONS</b>	
<b>German LBA</b>	EASA CS-FSTD (A), Level D
<b>EASA-ID</b>	DE-1A-102