



Full-Flight Simulator

AIRBUS A320-200 (FT66)

Location Lufthansa Aviation Training, Frankfurt (Simulator-ID: FT66)

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|---------------------------------------|--|
| 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 |
| 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

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

Electronic Instrument System

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|----------------|---|
| 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) Sundstrand - |
| EGPWC | Sundstrand - Honeywell (CAE Software Simulation) |

VISUAL

| | |
|-----------------------------------|---|
| Visual System Manufacturer | CAE Electronics |
| 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 |

INSTRUCTOR STATION

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|---|---|
| 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 availables |
| 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)

QUALIFICATIONS

German LBA

JAA Level D, annually, according to JAR-FSTD A

EASA-ID

DE-1A-087
