



Full-Flight Simulator

AIRBUS A320-200 (FT43)

Location Lufthansa Aviation Training, Berlin-Schoenefeld (Simulator-ID: FT43)

SIMULATOR	
Simulator Manufacturer	CAE, Canada
In Service Date	August 2002
Aircraft Model	A320-212 / A320-232
Registration (Master Aircraft)	D-AICI
Product No.	L322
Simulator Host Computer	IBM Netfinity M20
Motion System	Series 600, 6 DOF, digital
Control Loading	digital, hydraulic
AIRCRAFT SYSTEM	
Engine Version	
Primary Fit	General Electric CFM56-5A3, 26500 lbs T/O thrust
Secondary Fit	IAE V2527-A5, 27000 lbs T/O thrust
Aerodynamic Data Revision	D00500302 and D00503300 Aerodynamic Specification for FFS
Auto Flight System	
FMGS	Thales FMS2 rehosted
FCU	Sextant Std M11
FAC	CR102 (Software simulation)
MCDU	Thales (Orig. a/c boxes)
Electronic Flight Control System	
ELAC	seFCS rhosted / L91

SEC	sEFCS rhosted / L112
FCDC	sEFCS rhosted / 56
DMC	Orig. a/c box installed, EIS1 V60
FWC	Orig. a/c box installed, H2-F7
TCAS II	CAE Software Simulation, 7.1
ACARS	Orig. a/c box installed, ATSU
EGPWS	Orig. a/c box installed
ADIRS	CAE Software Simulation
MMR (hosts GPS)	CAE Software Simulation
VISUAL	
Visual System Manufacturer	Evans & Sutherland
Type of Image Generator	EP-1000CT
Type of Display	ESP200 180x40 deg FOV mirror
Illumination Levels	Day/Dusk/Night
Number of Airport Scenes	more than 70 on request available
INSTRUCTOR STATION	
Display	2x15" LCD touch screens mounted on IOS seat (FFIOS)
Printer/Plotter	Monochrome Laser Printer
Number of Malfunctions	334
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	Provides setting of individual weather conditions at all different airports available
Unusual Attitude Recovery Training	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
ACARS Scenarios	various datalink applications customized datalink applications available on request
FMS Flight Plan Copy / Load	copy of entered flight plans and manual load of predefined flight plans
Debrief Station/Video/Recording	Color camera and SVHS Video Recorder
Display Options	metric and/or imperial

OPTIONS

10 different Customer Options available.
Up to 20 different FMS NAV databases loadable and selectable for different Customers.

QUALIFICATIONS

German LBA

JAA Level D, annually, according to JAR-STD 1A

EASA-ID

DE-1A-040