



Full-Flight Simulator

AIRBUS A320-200 (FT44)

Location Lufthansa Aviation Training, Berlin-Schoenefeld (Simulator-ID: FT44)

SIMULATOR	
Simulator Manufacturer	CAE, Canada
In Service Date	April 2006
Aircraft Model	A320-214
Registration (Master Aircraft)	n/a (Airbus Standard 1.3.2)
Product No.	2RQC
Simulator Host Computer	IBM PC X235
Motion System	Series 600, 6 DOF, digital
Control Loading	digital, hydraulic
AIRCRAFT SYSTEM	
Engine Version	CFM56-5B4
Auto Flight System	
FMGS	Thales, C13042AA01 FMS2 Type Pegasus – rehosted (CFM)
FCU	Sextant Std M11
FAC	CR102 (Software simulation)
MCDU	Honeywell (Orig. a/c boxes) Std. 1.2
Electronic Flight Control System	
ELAC	Airbus sEFCS package Level/Std. L81
SEC	Airbus sEFCS package Level/Std. L104-01
FCDC	Airbus sEFCS package Level/Std. 53
DMC	Orig. a/c box installed Level/Std. EIS2-S7

FWC	CAE Software Simulation Level/Std. H2-F7
TCAS II	CAE Software Simulation Level/Std. 7.1
ACARS	Orig. a/c box installed Level/Std. ATSU
EGPWS	Orig. a/c box installed
ADIRU	CAE Software Simulation Level/Std. HG2030AD11
MMR (hosts GPS)	CAE Software Simulation
ISIS	orig. a/c instruments installed
VISUAL	
Visual System Manufacturer	Evans & Sutherland
Type of Image Generator	EP-1000CT
Type of Display	ESP200 180x40 deg FOV mirror
Illumination Levels	Day/Dusk/Dawn/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	269
Automated Training Lessons	available on request for Base Check, Conversion, LOFT, Refresher
Landing Training	available on request for Base Check, Conversion, LOFT, Refresher Individual definition of a generic airfield (RWY Characteristics: Length, Width, parallel RWY; RWY Lights: VLA, Appr. Lights)
Multiple Weather Simulation	not available (single weather simulation around the a/c)
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
ACARS Scenarios	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 DVD-RAM 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 Amendmend 3
EASA-ID	D-1A-051