



Full-Flight Simulator

AIRBUS A320-200 (FT76)

Location Lufthansa Aviation Training, Essen (Simulator-ID: FT76, cooperation partner TFC Käufer)

SIMULATOR

Simulator Manufacturer

CAE, Canada

In Service Date

April 2018

Aircraft Model

A320-214

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 2nd Gen),
60 inch

Control Loading

digital

AIRCRAFT SYSTEM	
Engine Version	
Primary Fit	CFM56-5B4, 27000 lbs T/O thrust, 5BS4F3
Secondary Fit	n/a
Aerodynamic Data Revision	RQTG D00226700 for CFM56-5B4 engine
Auto Flight System	
FMGC	Thales Rel 1A (AP/FD TCAS option available)
FCU	Std.4 with expedite function
FAC	FAC C, ROPS function available (CAE software simulation)
MCDU	Thales Avionics
Electronic Flight Control System	
ELAC	ELAC B Data Loading STD L98H (sEFCS)
SEC	SEC C Data Loading STD 126 (sEFCS)
FCDC	STD 59 (sEFCS)
Electronic Instrument System	
DMC	EIS2 / S13.2
FWC	H2-F9D
TCAS II	Honeywell TPA100B (CAE software simulation)
Standby Instrument System	Thales ISIS V2 (simulated instrument)
VISUAL	
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

INSTRUCTOR STATION	
Display	n/a
Printer/Plotter	Color Laser Printer
Number of Malfunctions	>200
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)
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 (Voice ATIS and D-ATIS)
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	
	Provision of Customer Options on request
Electronic Flight Bag	Airbus EFB Class II option available
EGPWC	Honeywell MKV-A (rehosted)
QUALIFICATIONS	
German LBA	EASA CS-FSTD (A), Level D
EASA-ID	DE-1A-103