



Airbus A310-300 (FT20)

Full-Flight Simulator

With our full-flight simulators we offer you a flight training that meets the latest technical standard and is tailor-made for the requirements of modern airlines. Naturally we adapt our simulators so that they reflect your fleet's systems environments and cockpit layouts as well as your airline's procedures. This enables you to orient your training to accord with your own line operations

Location

Lufthansa Aviation Training, Frankfurt (Simulator-ID: FT20)

Simulator

Simulator Manufacturer	CAE, Canada
In Service Date	April 1991
Aircraft Model	A310-300
Registration (Master Aircraft)	D-AIDD
Product No.	488
Simulator Host Computer	IBM RISC System/6000 model F40
Motion System	6 DOF, digital
Control Loading	digital, hydraulic

Aircraft System

Engine Version	General Electric CF6-80C2A2
Auto Flight System	SFENA DAFS
FMS	Honeywell FMS; Smiths Ind. FMC available, 4052510-978 (FMGEC #1), 4052510-976 (FMGEC #2)
FCC, TCC, FCU	SFENA
FAC	B471ABM5
FWC	Aerospatiale Standard S13
TCAS II	Allied Signal (Hardware)
IRU	Litton LTN 90
EGPWS	available

EFIS Symbol Generator Unit Standard E21

Visual

Visual System Manufacturer	Rockwell Collins
Type of Image Generator	EP-1000CT
Type of Display	Suprawide, 150x40 deg FOV mirror, eyevis ESP-LHD 1000 LED
Illumination Levels	Day/Dusk/Night
Number of Airport Scenes	more than 90

Instructor Station

Displays	2 LCDs with capacitive touch screen
Printer/Plotter	Monochrome Printer
Number of Malfunctions	380
Automated Training Lessons	available: Proficiency Check, Refresher, LOFT
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 different airports either by selection of a predefined weather scenario or by manual presetting.
Windshear / Microburst Scenarios	various windshear profiles for T/O and Landing available
TCAS	10 scenarios available
ATIS	available
Debrief Station/Video/Recording	Videorecorder available

Qualifications

German LBA	JAA Level CG, annually, according to JAR-STD 1A
EASA-ID	DE-1A-032

Simulator Fleet

At our locations in Frankfurt/Main, Berlin, Bremen, Munich, Essen, Vienna and Zurich about 40 full flight simulators reproducing more than 20 aircraft types are at your disposal for cockpit crew training.

Klick here to find our full-flight simulator fleet: [Airbus](#), [Boeing](#), [Bombardier](#), [Embraer](#).

Klick here to find our [other training devices](#).