



Airbus A340-300 (FT27)

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: FT27)

Simulator

Simulator Manufacturer	CAE ,Canada
In Service Date	November 1992
Aircraft Model	A340-300
Registration (Master Aircraft)	D-AIGB
Product No.	024
Simulator Host Computer	IBM RISC System/6000 model F50
Motion System	Series 500, 6 DOF, digital
Control Loading	digital, hydraulic

Aircraft System

Engine Version	GE/Snecma CFM56-5C2, 31.200 lbs T/O thrust, FADEC C3K
Initial Qualification	FAA 120-40B Level D; EASA-Level DG

Auto Flight System

FMGEC	Pegasus P3A11 ,Thales Avionics, Honeywell
Flight Control Unit	608, Thales Avionics
MCDU	L3-1, Thales Avionics

Electronic Flight Control System

PRIM	L20, Airbus France (org. A/C boxes)
SEC	L20, Thales Avionics (org. A/C boxes)
FCDC	L22, Thales Avionics (orig. A/C boxes)

Electronic Instrument System

DU 111, Thales Avionics
DMC V113X, Thales Avionics
FWC L13-0, Airbus France (org. A/C boxes)

EGPWS MK V, Honeywell
TCAS II 7.1 Honeywell TPA100B (org. A/C boxes)
ACARS (ATSU), -B050, Airbus France
ADIRS Litton (software simulation)
GPS/ MMR Rockwell Collins (software simulation)

Visual

Visual System Manufacturer Rockwell Collins, Horsham, England
Type of Image Generator EP-1000CT
Type of Display Suprawide 150x40 deg FOV mirror, LCoS Projectors JVC VS2000
Illumination Levels Day/Dusk/Night
Number of Airport Scenes more than 90

Instructor Station

Displays 2 CRTs with capacitive touch screen
Printer/Plotter Monochrome Printer
Number of Malfunctions more than 400
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 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 various scenarios with individual definition of intruder trajectory available
ATIS available
ATSU Scenarios various datalink applications
Debrief Station/Video/Recording Videorecorder available

Options

BITE Simulation available for maintenance training
Electronic Flight Bag Lufthansa Class II EFB
EGPWC NO RAAS available

Qualifications

German LBA JAA Level DG, annually, according to JAR-STD 1A
EASA-ID DE-1A-014

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](#).