



Airbus A340-300 (FT36)

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: FT36)

Simulator

Simulator Manufacturer	CAE, Canada
In Service Date	February 2000
Aircraft Model	A340-300
Registration (Master Aircraft)	D-AIGO
Product No.	MSN 0233
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 CFM56-5C4, 34.000 lbs T/O thrust, FADEC C3K
Initial Qualification	JAR-STD 1A, C1

Auto Flight System

FMGEC	Pegasus P3A11, Thales Avionics, Honeywell
Flight Control Unit	-608, Thales Avionics
MCDU	A3NN, Thales Avionics

Electronic Flight Control System

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

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

Visual

Visual System Manufacturer	Evans & Sutherland
Type of Image Generator	EP-1000CT
Type of Display	CAE Wide Mirror 180x40 deg FOV, ESCP 2000 Projectors
Illumination Levels	Day/Dusk/Night/Dawn
Number of Airport Scenes	more than 100

Instructor Station

Displays	2 TFTs with capacitive touch screen, forward facing
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
ACARS Scenarios	various datalink applications
Debrief Station/Video/Recording	Digital Debrief System

Options

Electronic Flight Bag	Lufthansa Class II EFB
FANS	full FANS A available
EGPWC	NO RAAS available

Qualifications

German LBA	JAA Level D, annually, according to JAR-STD 1A
EASA-ID	DE-1A-034

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

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