

Airbus A340-300

/ 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 Base Frankfurt (Simulator-ID: FT27)	
Simulator	> Simulator Manufacturer	CAE Inc., Canada
	> In Service Date	November 1992
	> Aircraft Model	A340-300
	> Registration (Master Aircraft)	D-AIGA
	> Product No.	020
	> Simulator Host Computer	IBM RISC System/6000 model F50
	> Motion System	Series 500, 6 DOF, digital
	> Control Loading	digital, hydraulic
Aircraft Systems	> Engine Version	General Electric CFM56-5C2, 31.200 lbs T/O thrust
	> Auto Flight System	
	FMGEC	Pegasus P3A11 ,Thales Avionics, Honeywell
	Flight Control Unit	-608, Thales Avionics
	> Electronic Flight Control System	
	PRIM	L16, Airbus France (orig. A/C boxes)
	SEC	L14, Thales Avionics (orig. A/C boxes)
	FCDC	L18, Thales Avionics (orig. A/C boxes)
	> DU	-111, Thales Avionics
	> DMC	V111X, Thales Avionics
	> FWC	L11-0, Airbus France (orig. A/C boxes)
	> EGPWS	MK V, Honeywell
	> TCAS II	7.0, Honeywell
	> ACARS	(ATSU), -B050, Aerospatiale
	> ADIRS	Litton (software simulation)
	> GPS/ MMR	Rockwell Collins (software simulation)





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Visual	<ul style="list-style-type: none"> > Visual System Manufacturer > Type of Image Generator > Type of Display > Illumination Levels > Number of Airport Scenes 	Rediffusion Simulation Ltd., Crawley, England (now TTS) SPX550 (SPX-AT) Suprawide, 150x40 deg FOV Day/Dusk/Night more than 90
Instructor Station	<ul style="list-style-type: none"> > Displays > Printer/Plotter > Number of Malfunctions > Automated Training Lessons > Landing Training > Multiple Weather Simulation > Windshear / Microburst Scenarios > TCAS > ATIS > ATSU Scenarios > Debrief Station/Video/Recording 	2 CRTs with capacitive touch screen Monochrome Printer more than 400 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) Provides setting of individual weather conditions at different airports either by selection of a predefined weather scenario or by manual presetting various windshear profiles for T/O and Landing available various scenarios with individual definition of intruder trajectory available available available Videorecorder available
Options	<ul style="list-style-type: none"> > BITE Simulation > EFB 	available for maintenance training Class II, Goodrich
Qualifications	<ul style="list-style-type: none"> > German LBA > JAA STD ID Code 	JAA Level D, annually, according to JAR-STD 1A Zero Flight Time (Approved for Lufthansa) DE-1A-014

last update: Mar 10

/ Full-Flight Simulator Fleet

At our locations in Frankfurt/Main, Bremen, Berlin, Vienna and Munich 35 full-flight simulators reproducing 20 aircraft types are at your disposal for cockpit crew training.

Airbus A310-300/A300-600(R) (Frankfurt), Airbus A310-300 (Berlin), Airbus A319-100 (Frankfurt), Airbus A320-200 (2 simulators, Frankfurt), Airbus A320-200 (2 simulators, Vienna), Airbus A320-200 (3 simulators, Berlin), Airbus A320 (Munich), Airbus A321-100 (Frankfurt), Airbus A330-300 Enhanced (Frankfurt), Airbus A340-300 (2 simulators, Frankfurt), Airbus A340-600 (Frankfurt), Airbus A330-300/A340-600 (Munich), Airbus A380 (Frankfurt)
 Boeing 737-300 (2 simulators, Frankfurt), Boeing 737-300 (Berlin), Boeing 737-300/400/500 (Frankfurt), Boeing 737-800 (3 Simulators, Berlin), Boeing 747-200 (Frankfurt), Boeing 747-400 (3 simulators, Frankfurt), Boeing 757-200/767-300ER (Frankfurt), Boeing 767-300ER (Frankfurt), Boeing MD-11/MD-11F (Frankfurt), Boeing MD-11 (Zurich), Boeing 777-200LR (Berlin), **Boeing 747-8 (Frankfurt, 2012)**
 Dash 8-Q400 (Vienna)

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