

Boeing 747-400

/ 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 Flight Training Center, Frankfurt (Simulator-ID: FT14)	
Simulator	> Simulator Manufacturer	CAE Electronics Ltd., Montreal, Canada
	> In Service Date	December 1988
	> Aircraft Model	B747-400
	> Registration (Master Aircraft)	D-ABVD
	> Product No.	RT434
	> Simulator Host Computer	IBM RISC System/6000 model F40
	> Motion System	6 DOF, digital
	> Control Loading	digital
Aircraft Systems	> Engine Version	General Electric CF6-80C2-B1F (57900 lbs T/O thrust)
	> Auto Flight System	Collins DAFS
	Flight Management System	Honeywell (Orig. a/c boxes)
	FCC	Collins (Orig. a/c boxes)
	MCDU	Honeywell (Orig. a/c boxes)
	> ACARS	available (MU, Orig. a/c box)
	> Fuel System	Horizontal Stabilizer Fuel Tank
	> EGPWS incl. RAAS	available (orig. a/c box)
	> SATCOM	available (Software simulation)
	> TCAS II	Honeywell (Orig. a/c box)
	> Weight and Balance System	available (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 	<p>Rockwell Collins</p> <p>EP-1000CT</p> <p>Suprawide, 150x40 deg FOV, LCoS Projectors JVC VS-2000</p> <p>Day/Dusk/Night</p> <p>more than 90</p>
Instructor Station	<ul style="list-style-type: none"> > Displays > Printer/Plotter > Number of Malfunctions > Automated Training Lessons > Multiple Weather Simulation > Unusual Attitude Recovery Training > Windshear / Microburst Scenarios > TCAS > ATIS > ACARS Scenarios > FANS Scenarios > Debrief Station/Video/Recording > Display Options 	<p>2 x 20" colour touch sensitive LCDs, side mounted</p> <p>Monochrome Laser Printer</p> <p>380</p> <p>available on request for Base Check, Conversion, LOFT, Refresher</p> <p>N/A</p> <p>available</p> <p>various windshear profiles for T/O and Landing available</p> <p>various scenarios with individual definition of intruder trajectory available</p> <p>available</p> <p>various datalink applications</p> <p>available</p> <p>Sony Video Colour System</p> <p>metric and/or imperial</p>
Options	<ul style="list-style-type: none"> > Electronic Flight Bag 	<p>Class II, Goodrich</p> <p>Provision of Customer Options available on request</p>
Qualifications	<ul style="list-style-type: none"> > German LBA > JAA STD ID Code 	<p>JAA Level DG, annually, according to JAR-STD 1A, Zero Flight Time Training (approved for Lufthansa)</p> <p>DE-1A-006</p>

last update: Dec 09

/ 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, 2011)**

Dash 8-Q400 (Vienna)

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