

# Boeing 747-400

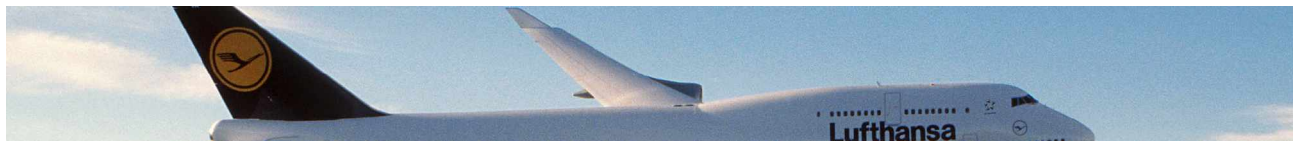
## / Full-Flight Simulator



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.

|                         |                                                                  |                                                      |
|-------------------------|------------------------------------------------------------------|------------------------------------------------------|
| <b>Location</b>         | Lufthansa Flight Training Center, Frankfurt (Simulator-ID: FT14) |                                                      |
| <b>Simulator</b>        | > Simulator Manufacturer                                         | CAE Inc., 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                                              |
| <b>Aircraft Systems</b> | > 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)                      |





## Boeing 747-400 / Full-Flight Simulator

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|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Visual             | <ul style="list-style-type: none"> <li>&gt; Visual System Manufacturer</li> <li>&gt; Type of Image Generator</li> <li>&gt; Type of Display</li> <li>&gt; Illumination Levels</li> <li>&gt; Number of Airport Scenes</li> </ul>                                                                                                                                                                                                                                                                     | <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"> <li>&gt; Displays</li> <li>&gt; Printer/Plotter</li> <li>&gt; Number of Malfunctions</li> <li>&gt; Automated Training Lessons</li> <li>&gt; Multiple Weather Simulation</li> <li>&gt; Unusual Attitude Recovery Training</li> <li>&gt; Windshear / Microburst Scenarios</li> <li>&gt; TCAS</li> <li>&gt; ATIS</li> <li>&gt; ACARS Scenarios</li> <li>&gt; FANS Scenarios</li> <li>&gt; Debrief Station/Video/Recording</li> <li>&gt; Display Options</li> </ul> | <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"> <li>&gt; Electronic Flight Bag</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                       | <p>Class II, Goodrich</p> <p>Provision of Customer Options available on request</p>                                                                                                                                                                                                                                                                                                                                                                                                               |
| Qualifications     | <ul style="list-style-type: none"> <li>&gt; German LBA</li> <li>&gt; JAA STD ID Code</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                    | <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: Mar 10

### / Full-Flight Simulator Fleet

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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)

Lufthansa Flight Training GmbH  
 Airportring, Gate 24, Bldg. 391  
 60549 Frankfurt/Main  
 Germany

Tel. +49 (0) 69 696 724 44  
 Fax +49 (0) 69 696 954 11  
[sales@lufthansa-flight-training.com](mailto:sales@lufthansa-flight-training.com)  
[www.lufthansa-flight-training.com](http://www.lufthansa-flight-training.com)

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