



Full-Flight Simulator

BOEING 747-400 (FT16)

Location Lufthansa Aviation Training, Frankfurt (Simulator-ID: FT16)

SIMULATOR	
Simulator Manufacturer	CAE, Canada
In Service Date	December 1989
Aircraft Model	747-400
Registration (Master Aircraft)	D-ABVO
Product No.	RT441
Simulator Host Computer	IBM RISC System/6000 model F40
Motion System	6 DOF, digital
Control Loading	digital

AIRCRAFT SYSTEM	
Engine Version	CF6-80C2-B1F (57900 lbs T/O thrust)
Aerodynamic Data Revision	Boeing Simulation Data Package
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)
APU	PW901A
EIU	Collins
DU	CRT, Honeywell
Fuel System	Horizontal Stabilizer Fuel Tank
IRS	Honeywell (Software Simulation)
EGPWS	available (Orig. a/c box); RAAS (Customer Option)
SATCOM	available (Software simulation)
TCAS II	7.1, Honeywell (Orig. a/c box)
Weight and Balance System	available (Software simulation)
Weather Radar System	Bendix
Runway Guidance	PVD
VISUAL	
Visual System Manufacturer	Rockwell Collins, England
Type of Image Generator	EP-100OCT
Type of Display	Suprawide 150x40 deg FOV mirror, "eyevis" LED Projectors
Illumination Levels	Day/Dusk/Night
Number of Airport Scenes	more than 90
INSTRUCTOR STATION	
Display	2 x 20" color touch sensitive LCDs, side mounted
Printer/Plotter	Monochrome Laser Printer
Number of Malfunctions	380
Automated Training Lessons	available on request for Base Check, Conversion, LOFT, Refresher
Multiple Weather Simulation	N/A
Unusual Attitude Recovery Training	available
Windshear / Microburst Scenarios	various windshear profiles for T/O and Landing available
ATIS	available
ACARS Scenarios	various datalink applications
FANS Scenarios	available
Debrief Station/Video/Recording	DVD Recording System
Display Options	metric and/or imperial

OPTIONS	
EFB	Lufthansa Class II EFB Provision of Customer Options available on request
QUALIFICATIONS	
German LBA	JAA Level DG, annually, according to JAR-STD 1A
EASA-ID	DE-1A-007