



Boeing 737-300 (FT38)

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, Berlin-Schoenefeld (Simulator-ID: FT38)

Simulator

Simulator Manufacturer	CAE, Canada
In Service Date	January 2001
Aircraft Model	737-300
Registration (Master Aircraft)	D-ABEW (overhead switch position - Boeing standard)
Product No.	PS 706
Simulator Host Computer	IBM F50
Motion System	CAE Series 600, 6 DOF, digital, hydrostatic
Control Loading	digital, hydrostatic

Aircraft System

Basic Engine Version	CFM 56-3C1
Auto Flight System	Honeywell SP300 (-4FCC)
FMC	Smiths, Load 10.7 (hardware)
TCAS II, Version 7.1	Collins (software solution)
ACARS	Allied Signal Avionics (hardware AMU)
EGPWC	Honeywell (hardware)
GPS	Single channel Mercury card
IRS	Honeywell
Engine Indication	EIS

EIS Primary Engine Display
EIS Secondary Engine Display

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 90

Instructor Station

Computer	IOS running on host computer
Display	2 touch-sensitive Color Graphic LCD Displays
Printer/Plotter	Laser Printer outside simulator
Number of Malfunctions	about 350, all abnormal checklists are covered
Automated Training Lessons	Available on request, profile mode
Windshear/Microburst Scenarios	various windshear profiles for T/O and Landing available (incl. FAA)
TCAS	scenarios for all types of Traffic and Resolution Advisories
ATIS	Digital Voice System
Video	Sony Color System
Recorder	Sony

Options

EFIS	all SGU pins available
FMC	all FMC pins available (i.e. various T/O thrust ratings)
Autoflight	all FCC pins available
EGPWC	EGPWC or GPWC, all strapping available (i.e. callouts)
Cabin Pressure Controller	digital or analogue
GPS	installed or not installed
Standby Power	several configurations
for 737-400 operators	extended tail position, FMC with 22K rating

Qualifications

German LBA	JAA Level D, annually, according to JAR-STD 1A
EASA-ID	DE-1A-035

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.

Klick here to find our full-flight simulator fleet: [Airbus](#) [Boeing](#) [Bombardier](#) [Embraer](#).

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