



## Full-Flight Simulator

# BOEING 737-300 (FT38)

Location Lufthansa Aviation Training, Berlin-Schoenefeld (Simulator-ID: FT38)

SIMULATOR	
Simulator Manufacturer	CAE, Canada
In Service Date	January 2001
Aircraft Model	737-300 FFS
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	
<b>Visual System Manufacturer</b>	Evans & Sutherland
<b>Type of Image Generator</b>	EP-1000CT
<b>Type of Display</b>	CAE Wide Mirror 180x40 deg FOV, ESCP 2000 Projectors
<b>Illumination Levels</b>	Day/Dusk/Night/Dawn
<b>Number of Airport Scenes</b>	more than 90
INSTRUCTOR STATION	
<b>Computer</b>	IOS running on host computer
<b>Display</b>	2 touch-sensitive Color Graphic LCD Displays
<b>Printer/Plotter</b>	Laser Printer outside simulator
<b>Number of Malfunctions</b>	about 350, all abnormal checklists are covered
<b>Automated Training Lessons</b>	Available on request, profile mode
<b>Windshear/Microburst Scenarios</b>	various windshear profiles for T/O and Landing available (incl. FAA)
<b>TCAS</b>	scenarios for all types of Traffic and Resolution Advisories
<b>ATIS</b>	Digital Voice System
<b>Video</b>	Sony Color System
<b>Recorder</b>	Sony
OPTIONS	
<b>EFIS</b>	all SGU pins available
<b>FMC</b>	all FMC pins available (i.e. various T/O thrust ratings)
<b>Autoflight</b>	all FCC pins available
<b>EGPWC</b>	EGPWC or GPWC, all strapping available (i.e. callouts)
<b>Cabin Pressure Controller</b>	digital or analogue
<b>GPS</b>	installed or not installed
<b>Standby Power</b>	several configurations
<b>for 737-400 operators</b>	extended tail position, FMC with 22K rating
QUALIFICATIONS	
<b>German LBA</b>	JAA Level D, annually, according to JAR-STD 1A
<b>EASA-ID</b>	DE-1A-035