



## Full-Flight Simulator

# BOEING 757-200 (FT25)

Location Lufthansa Aviation Training, Frankfurt (Simulator-ID: FT25)

SIMULATOR	
Simulator Manufacturer	Thales, England
In Service Date	December 1990
Aircraft Model	757-230
Registration (Master Aircraft)	D-ABNP (NE174, S/N 26433)
Product No.	W/O 5217
Simulator Host Computer	RACE4+RISC with Gould Emulator System (GEM)
Motion System	Hydraulic, digital, synergistic 6 DOF
Control Loading	digital, hydraulic

AIRCRAFT SYSTEM	
<b>Engine Version</b>	PW2040
<b>Engine Data</b>	Boeing Simulation Data Package
<b>Aerodynamic Data</b>	Boeing Simulation Data Package
<b>Flight Control Data</b>	Boeing Simulation Data Package
<b>Auto Flight Control System AFC</b>	COLLINS FCC-702
<b>Flight Management System</b>	Honeywell FMC Pegasus incl. SIMSOFT
<b>Electronic Flight Instrument System</b>	Honeywell (Orig. a/c box)
<b>MCDU</b>	Honeywell (Orig. a/c boxes)
<b>EICAS</b>	EAP-703
<b>MMR and GPS</b>	available (software simulation)
<b>EGPWC</b>	Honeywell (Original A/C box), RAAS (Customer option)
<b>TCAS II</b>	7.1, Honeywell (Software simulation)
VISUAL	
<b>Visual System Manufacturer</b>	Rockwell Collins, Horsham, England
<b>Type of Image Generator</b>	EP-1000CT
<b>Type of Display</b>	Suprawide 150x40 deg FOV mirror, eyevis ESP-LHD 1000 LED
<b>Illumination Levels</b>	Day/Dusk/Night
<b>Number of Airport Scenes</b>	more than 90
INSTRUCTOR STATION	
<b>Display</b>	2 CRTs with touch screen
<b>Printer/Plotter</b>	monochrome printer A4
<b>Number of Malfunctions</b>	more than 350
<b>Automated Training Lessons</b>	available on request for Base Check, Conversion, LOFT, Refresher
<b>Windshear / Microburst Scenarios</b>	various FAA windshear profiles available various windshear profiles for T/O and Landing available
<b>ATIS</b>	available
<b>ACARS Scenarios</b>	various datalink applications
OPTIONS	
	Provision of Customer Options available on request
QUALIFICATIONS	
<b>German LBA</b>	JAA Level CG, annually, according to JAR-STD 1A
<b>EASA-ID</b>	DE-1A-003