



## Full-Flight Simulator

# BOEING 767ER (FT41)

Location Lufthansa Aviation Training, Frankfurt (Simulator-ID: FT41)

<b>SIMULATOR</b>	
<b>Simulator Manufacturer</b>	Thales, England
<b>In Service Date</b>	July 2001
<b>Aircraft Model</b>	767-300ER
<b>Registration (Master Aircraft)</b>	D-ABUI
<b>Product No.</b>	VN691, Line # 562, MSN 26988
<b>Simulator Host Computer</b>	Thales C2000X, PC-based network, Industrial PC Computer (I.C.S. B2 chassis) with RACE3+, Windows NT O/S
<b>Motion System</b>	Hydraulic, Synergistic 6 DOF, 60" Stroke
<b>Control Loading</b>	digital, hydraulic

<b>AIRCRAFT SYSTEM</b>	
<b>Engine Version</b>	
<b>Primary Fit</b>	PW4060, Phase 3
<b>Secondary Fit</b>	CF6-80C2 B6F
<b>Auto Flight System</b>	
<b>Flight Control Unit</b>	Collins (Software simulation)
<b>MCDU</b>	Honeywell (Original A/C unit)
<b>Flight Management Computer</b>	Honeywell FMC Pegasus incl. Simsoft (software simulation)
<b>GPS</b>	Honeywell Multi Mode Receiver (software simulation)
<b>ACARS</b>	Allied Signal (Software simulation)
<b>IRS</b>	Honeywell (Software simulation)
<b>EGPWS</b>	Honeywell (Original A/C unit), RAAS (Customer Option)
<b>TCAS II</b>	7.1, Honeywell TPA-100B (software simulation)
<b>VISUAL</b>	
<b>Visual System Manufacturer</b>	Evans & Sutherland
<b>Type of Image Generator</b>	EP-100OCT
<b>Type of Display</b>	TTS Wide Mirror 180x40 deg FOV, ESCP 2000 Projectors
<b>Illumination Levels</b>	Day/Dusk/Night/Dawn
<b>Number of Airport Scenes</b>	initially 75, later more than 100
<b>INSTRUCTOR STATION</b>	
<b>Display</b>	2x15" LCD with capacitive touch screens mounted on IOS seat (FFIOS)
<b>Printer/Plotter</b>	Monochrome Laser Printer
<b>Number of Malfunctions</b>	more than 300
<b>Automated Training Lessons</b>	available on request for Base Check, Conversion, LOFT, Refresher
<b>Landing Training</b>	Individual definition of a generic airfield (RWY Characteristics: Length, Width, parallel RWY; RWY Lights: VLA, Appr. Lights)
<b>Multiple Weather Simulation</b>	not available
<b>Unusual Attitude Recovery Training</b>	not available
<b>Predictive Windshear Scenarios</b>	Various FAA windshear profiles available
<b>Non-Predictive Windshear Scenarios</b>	various windshear profiles for T/O and Landing available
<b>TCAS</b>	various scenarios with individual definition of intruder trajectory available
<b>ATIS</b>	available
<b>ACARS Scenarios</b>	various datalink applications
<b>FMS Flight Plan Copy / Load</b>	copy of entered flight plans and manual load
<b>Debrief Station/Video/Recording</b>	Video available
<b>Display Options</b>	metric and/or imperial

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**OPTIONS**

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Provision of Customer Options available on request

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**QUALIFICATIONS**

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**German LBA**

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JAA Level D, annually, according to JAR-STD 1A, Amdt. 2

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**EASA-ID**

DE-1A-039