



Airbus A340-600 (FT63)

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, Munich (Simulator-ID: FT63)

Simulator

Simulator Manufacturer	CAE Inc., Canada
In Service Date	October 2009
Aircraft Model	A340-642
Registration (Master Aircraft)	Lufthansa D-AIHL
Product No.	MSN 583
Simulator Host Computer	IBM RISC System/6000 Model B80
Motion System	Electro Mechanical Motion (EMM)
Control Loading	Electrical Load Units for Trim. Horizontal Stabilizer (THS) & Brake Pedals

Aircraft System

Engine Version/FADEC STD.	ROLLS-ROYCE RB211-TRENT 556-61 FADEC/EEC Std. L5.6
Auto Flight System AFS FMGEC	THALES/SMITH FMS2 Std. T2E7 (Rev 2+), (rehosted) (OPC & AMI Databases: DLH Config).
FCU	AB03, Thales Avionics, (aircraft LRU)
MCDU	BA01, Thales Avionics, (aircraft LRU)
Electronic Flight Control System (EFCS)	
FCPC (PRIM)	STD. W11, Airbus France, SoftEFCS
FCSC (SEC)	STD. B9, Airbus France, (SoftEFCS)
FCDC	STD. I4-3, Thales Avionics, SoftEFCS
PFTU	6259-2, Sagem France, (aircraft LRU)

Fuel Control Manag. Computer (FCMC)	Flight Load 8.1, AIRBUS/PARKER HANNIFIN CORP
Electronic Instrument System (EIS2)	
DU	EIS 2, LCD Technology with video capability, Thales Avionics, (aircraft LRU)
DMC	EIS2 L6-1, Thales Avionics, (aircraft LRU)
FWC	T5, AIRBUS FRANCE, (aircraft LRU)
SDAC	C9-0, AIRBUS FRANCE
BSCU	S3-C, MESSIER BUGATTI
ADIRS	LITTON -312 + Air Data Monitoring function BUSS of P/N -314
MMR	hosts GPS, ROCKWELL COLLINS
Standby Instrument System	Integrated Standby Instrument System (ISIS) VA01
Weather Radar System	Dual Weather Radar MultiScan & PWS, ROCKWELL COLLINS
EGPWS	MARK V, HONEYWELL (aircraft LRU)
TCAS II	Change 7.1, ROCKWELL COLLINS
ATSU (AOC/FANS)	FANS A, Airbus France, (aircraft LRU)
	CNS/ATM: CPDLC simulation available.
SATCOM	SDU, ROCKWELL COLLINS
TACS	Taxi Aid Camera System simulation available, CIU, (aircraft LRU)
EFB	Electronic Flight Bag Class 2 (Goodrich), (aircraft LRU)

Visual

Visual System Manufacturer	Rockwell Collins, England
Type of Image Generator	EP-1000CT
Type of Display	CAE Wide Mirror 200x40 deg FOV, LCoS Projector JVC VS-2000 HD
Illumination Levels	Day/Dusk/Night/Dawn
Number of Airport Scenes	More than 100

Instructor Station

Displays	2 LCD touch screen monitors
Printer/Plotter	HP LaserJet 4M Plus, monochrome
Number of Malfunctions	About 300
Automated Training Lessons	Provision of customized Training Lessons on request.
Multiple Weather Simulation	Provides setting of individual weather conditions for different airports either by selection of a predefined weather scenario or by manual presetting
Predictive Windshear scenarios	Various FAA wind profiles available
Non-Predictive Windshear scenarios	Various Landing and T/O windshear profiles available
TCAS	Various scenarios with individual definition of intruder trajectory available
Datalink (AOC/FANS)	Various AOC (ACARS) and CPDLC scenarios available
ATIS	ATIS integral part of Multiple Weather simulation
FMS Flight Plan Copy/Load	Automatic reload of entered Flight Plan after reposition to same airport. On request: manual load of predefined Flight Plans
Debrief Station	Video and Audio Recording, basic Display-animation
Display Options	Metric/Imperial/CIS

Options

Provision of Customer Options on request

Qualifications

German LBA	JAA Level D, annually, according to JAR-STD 1A
EASA-ID	DE-1A-079

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.

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