



Full-Flight Simulator

AIRBUS A340-300 (FT27)

Location Lufthansa Aviation Training, Frankfurt (Simulator-ID: FT27)

SIMULATOR	
Simulator Manufacturer	CAE, Canada
In Service Date	November 1992
Aircraft Model	A340-300
Registration (Master Aircraft)	D-AIGB
Product No.	024
Simulator Host Computer	IBM RISC System/6000 model F50
Motion System	Series 500, 6 DOF, digital
Control Loading	digital, hydraulic

AIRCRAFT SYSTEM	
Engine Version	GE/Snecma CFM56-5C2, 31.200 lbs T/O thrust, FADEC C3K
Initial Qualification	FAA 120-40B Level D; EASA-Level DG
Auto Flight System	
FMGEC	Pegasus P3A11 ,Thales Avionics, Honeywell
Flight Control Unit	608, Thales Avionics
MCDU	L3-1, Thales Avionics
Electronic Flight Control System	
PRIM	L20, Airbus France (org. A/C boxes)
SEC	L20, Thales Avionics (org. A/C boxes)
FCDC	L22, Thales Avionics (org. A/C boxes)
Electronic Instrument System	
DU	111, Thales Avionics
DMC	V113X, Thales Avionics
FWC	L13-0, Airbus France (org. A/C boxes)
EGPWS	MK V, Honeywell
TCAS II	7.1 Honeywell TPA100B (org. A/C boxes)
ACARS	(ATSU), -B050, Airbus France
ADIRS	Litton (software simulation)
GPS/ MMR	Rockwell Collins (software simulation)
VISUAL	
Visual System Manufacturer	Rockwell Collins, Horsham, England
Type of Image Generator	EP-100OCT
Type of Display	Suprawide 150x40 deg FOV mirror, LCoS Projectors JVC VS2000
Illumination Levels	Day/Dusk/Night

INSTRUCTOR STATION	
Display	2 CRTs with capacitive touch screen
Printer/Plotter	Monochrome Printer
Number of Malfunctions	more than 400
Automated Training Lessons	available on request for Base Check, Conversion, LOFT, Refresher
Landing Training	Individual definition of a generic airfield (RWY Characteristics: Length, Width, parallel RWY; RWY Lights: VLA, Appr. Lights)
Multiple Weather Simulation	Provides setting of individual weather conditions at different airports either by selection of a predefined weather scenario or by manual presetting
Windshear / Microburst Scenarios	various windshear profiles for T/O and Landing available
TCAS	various scenarios with individual definition of intruder trajectory available
ATIS	ATIS integral part of Multiple Weather simulation
ATSU Scenarios	various datalink applications
Debrief Station/Video/Recording	Videorecorder available
OPTIONS	
BITE Simulation	available for maintenance training
Electronic Flight Bag	Lufthansa Class II EFB
EGPWC	NO RAAS available
QUALIFICATIONS	
German LBA	JAA Level DG, annually, according to JAR-STD 1A
EASA-ID	DE-1A-014