

Airbus A321-100

/ 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 Base Frankfurt (Simulator-ID: FT23)	
Simulator	<ul style="list-style-type: none"> > Simulator Manufacturer > In Service Date > Aircraft Model > Registration (Master Aircraft) > Product No. > Simulator Host Computer > Motion System > Control Loading 	<ul style="list-style-type: none"> CAE Inc., Montreal, Canada July 1997 A321-100 D-AIRN MSN 560 IBM RISC System/6000 Model 591 Series 500, 6 DOF, digital digital
Aircraft Systems	<ul style="list-style-type: none"> > Engine Version > Auto Flight System <ul style="list-style-type: none"> FMGS FCU FAC MCDU > Electronic Flight Control System <ul style="list-style-type: none"> ELAC SEC FCDC Electronic Instrument Sys. EFIS/ECAM <ul style="list-style-type: none"> DMC FWC > TCAS II > ACARS > EGPWS 	<ul style="list-style-type: none"> IAE V2530-A5, 30000 lbs T/O Thrust FA81701 Legacy FG, Thales Avionics Sa (Full GPS, Orig. a/c boxes) M11, Thales Avionics Sa (Orig. a/c box) CR102, Thales Avionics Sa (Software simulation) M4, Thales Avionics Sa (Orig. a/c box) L83/L91, Thales Avionics Sa (Orig. a/c boxes) L112, Thales Avionics Sa (Orig. a/c boxes) L53, LITEF GmbH (Software simulation) V32, DIEHL AEROSPACE GmbH (Orig. a/c boxes) E2 (H1-E2), Airbus France (Orig. a/c boxes) 7.0, Rockwell Collins Inc. (Software simulation) AMU MK I, Honeywell International Inc. (Orig. a/c box) MK V, Honeywell International Inc. (Orig. a/c box)





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Visual	<ul style="list-style-type: none"> > Visual System Manufacturer > Type of Image Generator > Type of Display > Illumination Levels > Number of Airport Scenes 	Rediffusion Simulation Ltd., Crawley, England (now TTS) SPX550 (SPX-AT) Suprawide, 150x40 deg FOV Day/Dusk/Night more than 90
Instructor Station	<ul style="list-style-type: none"> > Displays > Printer/Plotter > Number of Malfunctions > Automated Training Lessons > Landing Training > Multiple Weather Simulation > Unusual Attitude Recovery Training > Windshear / Microburst Scenarios > TCAS > ATIS > Datalink (AOC) > FMS Flight Plan Copy / Load > Debrief Station > Display Options 	X-Terminals, 2 CRTs with capacitive touch screen Monochrome Laser Printer 300 available on request for Base Check, Conversion, LOFT, Refresher Individual definition of a generic airfield (RWY Characteristics : Length, Width, parallel RWY; RWY Lights: VLA, Appr. Lights) Provides setting of individual weather conditions at different airports either by selection of a predefined weather scenario or by manual presetting available various windshear profiles for T/O and Landing available various scenarios with individual definition of intruder trajectory available available various AOC scenarios available customized AOC applications on request copy of entered flight plans and manual load of predefined flight plans on request Videorecorder Sony Colour-system metric and/or imperial
Options	<ul style="list-style-type: none"> > Electronic Flight Bag 	Class II, Goodrich Provision of Customer Options on request
Qualifications	<ul style="list-style-type: none"> > German LBA > JAA STD ID Code 	JAA Level D, annually, according to JAR-STD 1A Zero Flight Time (Approved for Lufthansa) DE-1A-018

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/ Full Flight Simulator Fleet

At our locations in Frankfurt/Main, Bremen, Berlin, Vienna and Munich 35 full flight simulators reproducing 20 aircraft types are at your disposal for cockpit crew training.

Airbus A310-300/A300-600(R) (Frankfurt), Airbus A310-300 (Berlin), Airbus A319-100 (Frankfurt), Airbus A320-200 (2 simulators, Frankfurt), Airbus A320-200 (2 simulators, Vienna), Airbus A320-200 (3 simulators, Berlin), Airbus A320 (Munich), Airbus A321-100 (Frankfurt), Airbus A330-300 Enhanced (Frankfurt), Airbus A340-300 (2 simulators, Frankfurt), Airbus A340-600 (Frankfurt), Airbus A330-300/A340-600 (Munich), Airbus A380 (Frankfurt)
 Boeing 737-300 (2 simulators, Frankfurt), Boeing 737-300 (Berlin), Boeing 737-300/400/500 (Frankfurt), Boeing 737-800 (3 Simulators, Berlin), Boeing 747-200 (Frankfurt), Boeing 747-400 (3 simulators, Frankfurt), Boeing 757-200/767-300ER (Frankfurt), Boeing 767-300ER (Frankfurt), Boeing MD-11/MD-11F (Frankfurt), Boeing MD-11 (Zurich), Boeing 777-200LR (Berlin), **Boeing 747-8 (Frankfurt, 2011)**
 Dash 8-Q400 (Vienna)

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