

FULL-FLIGHT SIMULATOR SPECIFICATIONS



SIMULATOR:	AIRBUS A320-200 SIM B (CEO)
Location	15 Changi Business Park Crescent #01-01 Haite Building (S) 486006
Simulator Manufacturer	FlightSafety International Inc. (FS1000)
Date of into service	2019
Simulator Serial Number	5021
Airbus Standard	Airbus A320-200 CEO Std 2.0
Simulator Host Computer	Intel SR2600 Server 64 Bit Windows 10
Motion System	FSI 60" digital System Moog, 6DOF,
Sound System	FlightSafety Aural Que System 12 Channel
Control Loading	FSI Electric Digital System
QUALIFICATION STANDARDS:	
ICAO	ICAO 9625 4th Edition Level VII
CCAR	CCAR-60 Level D
AIRCRAFT SYSTEM:	
Engine Version	
Primary Fit	CFM International CFM56-5B4
Secondary Fit	International Aero Engines IAEV2527-A5
Aerodynamic Data Revision	Airbus NFL - LS4J10005SL0400

Ground Reactions Model:	Airbus Simulation Program: OSM_A_V5.4.0 (AER_V4_21.6) Airbus NFL - LS4J10005SL0400		
Flight Controls Model:	Airbus Simulation Program: OSM_A_V5.4.0 (GRM_V4_6.7) Airbus sEFCS rehost. P/N LS4010007BL0300 v07.03.00 and FSI-SS		
Engine Model:	CFM International CFM56-5B4 FlightSafety International Simulated Engine Model International Aero Engines IAE V2527-A5 FlightSafety International Simulated Engine Model		
AVIONICS:			
ATA	Description	Version/Part Number	Vendor
ATA 00	Natural Flight Loop	V5.4.0	AIRBUS
ATA 27 Electronic Flight Control System	Rehosted - Airbus sEFCS	P/N LS4010007BL0300 v07.03.00	AIRBUS
	ELAC Elevator Aileron Computers – (2)	P/N 394528216 Rev L98H	Thales Avionics
	SEC Spoiler Elevator Computers – (3)	P/N B372CAM0104 Rev 126E	Thales Avionics
	FCDC Flight Control Data Concentrator -	115370-1521 Rev 59	Litef
ATA 31 Electronic Instrument System (EIS) - S13.2	EIS - Display Unit - Simulated - (6)	C19298AF05	Thales Avionics
	EIS - Display Management Unit - Simulated - (3)	1982660116	Thales Avionics
ATA 32 Landing Gear System:	Brake Steering Control Computer:	BSCU Standard L4.9B	
ATA 34 Navigation Avionics System:	Air Data Inertial Reference Unit (ADIRU) - STD L4.4 Simulated -	Honeywell HG2030AE23	Honeywell
	Air Data Module (ADM) - Simulated -	Honeywell PG1152BC02	Honeywell
	Traffic Collision Avoidance System II (TCASII) - Simulated -	Honeywell 940-0351-001	Honeywell
	Enhanced Ground Proximity Warning Computer (EGPWC) - Simulated -	96000940-106	Honeywell
	Radio Altimeter -	Simulated - 9599-607-14942	Thales Avionics
	Electronic Instrument System (EIS) - S13.2		
	EIS - Display Unit -	Simulated - (6) - C19298AF05	Thales Avionics
	EIS - Display Management Unit -	Simulated - (3) - 1982660116	Thales Avionics
ATA 22 Flight Management Guidance System	Rehosted - Flight Management Guidance Computer	- FM: H2C	Honeywell

FG: PC16 (CFM) PI15 (IAE)	
Rehosted - Flight Augmentation Computers - C AA05 Thales Avionics - P/N B397BAM0620	
ATA 70 Engine Control Computers:	CFM56-5B4 CFM ECU Standard 5BR IAE V2527-A5 IAE EED Standard SCN20
VISUAL	
Visual System Manufacturer	Rockwell Collins Inc
Type of Image Generator	EP8100 Image Generator
Projectors	RCI-JVC VS2300 (laser projector)
Type of Display	FSI Crew View Glass
Illumination Levels	Day/Dusk/Night/Dawn
FOV:	3 Channels, 200 deg HFOV and 40 deg VFOV
Number of Airport Scenes	> 70. Per customer requirement.
INSTRUCTOR STATION	
Display	LCD touch screens
Number of Malfunctions	>200
Multiple Weather Simulation	available
Predictive Windshear	various windshear profiles
Non-Predictive Windshear	various windshear profiles for T/O and Landing
TCAS	various scenarios with individual definition of intruder trajectory available
ATIS	available
FMS Flight Plan Copy / Load	available
Debrief Station	
Display Options	metric and/or imperial
Prevention and Recovery Training (UPRT)	available, scenario-based training and IOS plots
OPTIONS	
Provision of Customer Options on Request	
CERTIFICATION AUTHORITY	
CAAS	AWI/SIM/019
CCAC	FSD-F105
CAAV	VN-032
DGCA INDIA	FSTD5021