



**MINISTRY OF TRANSPORTATION
DIRECTORATE GENERAL OF CIVIL AVIATION**

Office Complex Soekarno-Hatta International Airport, C3 St., Tangerang, Banten- Indonesia
Telp. : (+6221) 225 66288, (+6221) 256 08887 Fax. : (+6221) 225 66399
Website : hubud.dephub.go.id; e-mail: daao_dgca@dephub.go.id

**FULL FLIGHT SIMULATOR
QUALIFICATION CERTIFICATE**

No.: STD/60-101

It is hereby certified that

Full Flight Simulator for : **Airbus 320 - 214**

Serial Number : **S241119**

Installed on : **Jakarta Aviation Training Center
Kawasan Pergudangan Bandara Mas, Kav. 20-23
Jl. Marsekal Suryadarma Blok J No. 5
Selapajang Jaya, Kec. Neglasari,
Kota Tangerang, Banten 15127
Indonesia**

Has satisfied the Qualification Level **D** requirements as prescribed in the Civil Aviation Safety Regulation (CASR) Part 60, and has approved as synthetic training devices and authorized for used in accordance with the conditions and limitations contained in its approved Full Flight Simulator Specifications as attached

This approval is not transferable and shall continue until expired, unless cancelled, suspended or revoked by the Director General; and any major change in the basic facilities, or in the location thereof, shall immediately be reported to the Director General.

Jakarta, 31 December 2025

On Behalf of Director General of Civil Aviation



SOKHIB AL ROKHMAN

Director of Airworthiness and Aircraft Operation

Expiry Date :
31 December 2026



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FULL FLIGHT SIMULATOR SPECIFICATIONS

Number: STD/60-101

1) Full Flight Simulator Operator	: Jakarta Aviation Training Center
2) Type / Variant of Aircraft	: A320-214 Std 2.1
3) Manufacture	: Sim International B.V.
4) Serial Number	: S241119
5) Engine Model and Revision	: CFM56-5B4 (defined by Airbus in D71202003)
6) Flight Simulator Qualification Level	: D
7) Flight Control Data Revision	: A320 CEO EFCS 09.04.00
8) Aerodynamic Data Revision	: A320 Natural Flight Loop V6.1.1 software simulation package supplied by Airbus
9) Flight Management System	: Honeywell FMGEC Standard H3PI16 (Rehosted)
10) Simulator Computer	: HPS 2U server with Intel Core i7-14700
11) Visual System Manufacturer and Model	: Collins EP-8100, JVC DLA-VS3000 LCoS Projectors, Q4 Supravue collimated mirror, 200x40 degree image
12) Motion System	: MOOG, Pneumatic Electric 6-DOF Motion Base 14,000 kg
13) Sound System	: ASTi Telestra 8-Channel Sound System
14) Training, testing and checking considerations	: Initial, Recurrent & Requalification Aircraft Type Rating A320
15) List qualified items	: In Accordance with Appendix A CASR Part 60 "General Requirement Level of Synthetic Training Devices - Aeroplane" and QTG Rev. 1 dated Dec 30 th 2025 Upset Prevention and Recovery Training (UPRT), Low Visibility Operations up to CAT II minima

Jakarta, 31 December 2025

On Behalf of Director General of Civil Aviation



SOKHIB AL ROKHMAN

Director of Airworthiness and Aircraft Operations