

European Union Competent Authority



## FLIGHT SIMULATION TRAINING DEVICE QUALIFICATION CERTIFICATE

Pursuant to Commission Regulation (EU) No 1178/2011 and subject to the conditions specified below, the Ente Nazionale per l'Aviazione Civile, competent Authority of the Italian Republic, Member of European Union, hereby certifies that:

**FSTD No. IT-106**

**Airbus A320 -211**

**S/N: 005**

located at

**Aviomar S.r.l.**

**Via A.Meucci 21 – 00015 Monterotondo (Rome, Italy)**

has satisfied the Qualification Requirements prescribed in Part-ORA, subject to the conditions of the attached FSTD specification.

This qualification certificate shall remain valid subject to the FSTD and the holder of the qualification certificate remaining in compliance with the applicable requirements of Part-ORA, unless it has been surrendered, superseded, suspended or revoked.

**Date of issue: 11 October 2023**

**Bollo assolto in modo virtuale  
aut. Direz. Reg. Entrate Lazio  
n. 135047/98 del 30/11/1998**

Signed: (this document is digitally signed according to the Italian law D.L.gs 82/2005)

Name: **Dr. Ing. Mario Tortorici**

Title: **Airworthiness & Operations  
Director**

- Date in service March 1991

A. Type or variant of aircraft:	A320-211
B. FSTD qualification level:	FFS Level DG
C. Primary reference document	FAA AC-120 40B /CS-FSTD A Issue 2 for AMC9 to AMC13
D. Visual System	Three channels RSI XT6 I.G. Norxe P1 DLP-LED Projectors, day/night/dusk capability, Collimated FoV: V40 deg - H 150 deg.
E. Motion System	CAE -500 series Hydraulic, 6 DOF, 60 inches stroke
F. Engine fit	CFM 56-5A1
G. Instrument fit	DU:Thales FCD66 - FMGS: Thales STD S7AC13 - MCDU: Thales p/n C19266EA01 - FCU: Thales M11 - FWC: Airbus Std H1D1 - ELAC: Thales Std L93 - SEC: Thales STD L123 - FCDC: Litef STD L53 - FAC: Thales CR102 - BSCU: MB STD L4.9B - SFCC: BAE B/L7 - SDAC: Airbus STD H1-D1 - ACARS: Honeywell AMU MK1 - CFDIU Thales 9.0 - GNADIRU: Litton - FCU: Thales CR102 - EGPWS: Honeywell MK V - TCAS: Honeywell v. 7.1
H. ACAS fit	ACAS II (SW 7.1)
I. Windshear	Windshear reproduction profiles available
J. Additional capabilities	Approach to Stall, UPRT, Icing according to EASA C-FSTD A Issue 2 - Smoke generator - ACARS - Para Visual Indicator - EFB mounting kit.
K. Restrictions/Limitations	NONE

L.	Guidance information for training, testing and checking considerations						
CAT I	RVR	550	m	DH	200	ft	YES
CAT II	RVR	300	m	DH	100	ft	YES
CAT III (lowest minimum)	RVR	75	m	DH	0	ft	YES
LVTO	RVR	125	m				YES
Recency							YES
IFR training/check							YES / YES
Type rating							YES
Proficiency checks							YES
Autocoupled Approach							YES
Autoland / roll out guidance							YES / YES
ACAS I/II							N/A / YES (SW 7.1)
Windshear warning system / predictive windshear							YES / N/A
WX-radar							YES
HUD / HUGS							N/A
FANS							N/A
GPWS / EGPWS							N/A / YES
GPS							YES
ETOPS Capability							YES

Other :	- Qualification Airfields: LIFR; LIMC; EDDF - RNP APCH, LNAV: YES   LNAV/VNAV: YES   LPV: N/A   AR: N/A
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**Airworthiness & Operations**  
 Title: **Director**