

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-116B

**Generic Multi Engine Piston Aeroplane
S/N: ALX-117**

located at

**Studium s.r.l
Strada Pievaiola n. 166/F6 06132 Perugia (PG) - 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certificate remaining in compliance with the applicable requirements of Part-ORA, unless it has been surrendered, superseded, suspended or revoked.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: 23 December 2024

**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**

FSTD SPECIFICATIONS

- Date in service: December 2024

A. Type or variant of aircraft:	Generic Multi Engine Piston Aeroplane (Alsim BPG9_E_T1, based on PA-44)
B. FSTD qualification level:	FNPT Level II
C. Primary reference document	CS-FSTD A Issue 2
D. Visual System	Alsim VFRVS I.G. - Raster only image projected on circular screen - Three Epson EB_L630SU LCoS projectors - not collimated FoV: V 40 deg - H 208 deg
E. Motion System	N/A
F. Engine fit	two piston engine rated at 180 HP each / constant speed propeller
G. Instrument fit	Either in Analogue or EFIS presentation, on flat panel displays: F/D (Xbars or Vbars) / A/P (with Mode Annunciator) / ADF / VHF-NAV / DME / Marker / Transponder / GNS Garmin GTN 650 w/moving map.
H. ACAS fit	N/A
I. Windshear	Windshear reproduction available
J. Additional capabilities	Smoke, EFB Class 1 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	N/A	m	DH	N/A	ft	N/A
CAT III (lowest minimum)	RVR	N/A	m	DH	N/A	ft	N/A
LVTO	RVR	400 m	m				N/A
Recency							N/A
IFR training/check							YES / PARTIALLY (check limited to IRI/IRE assessment of competence)
Type rating							N/A
Proficiency checks							PARTIALLY (single pilot IR proficiency check only, as per FCL.625.A)
Autocoupled Approach							YES
Autoland / roll out guidance							N/A / N/A
ACAS I/II							N/A / N/A
Windshear warning system / predictive windshear							N/A / N/A
WX-radar							N/A
HUD / HUGS							N/A
FANS							N/A
GPWS / EGPWS							N/A / N/A
GPS							YES
ETOPS Capability							

 Other : - Qualification Airfields:: LIRZ, LIMC, LFRS, LIPR, LIPY
 - RNP APCH, LNAV: YES | LNAV/VNAV: YES | LPV: YES | AR: N/A

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Airworthiness & Operations

 Title: **Director**