

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-082A

**Generic Multi Engine Jet Aeroplane
S/N: ALX-69**

located at

**Aeroclub di Varese asd
Via A.Ferrarin 10 21040 Venegono Inferiore (VA) - 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certificate remaining in compliance with the applicable requirements of Part-ORA, unless it has been surrendered, superseded, suspended or revoked.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: 1 June 2018

**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: **Sebastiano Veccia**

Title: **Head of Personnel Licensing & Operations
Regulation Dept.**



FSTD Qualification Certificate: **IT-082A**

FSTD SPECIFICATIONS

- Date in service June 2018

A. Type or variant of aircraft:	Generic Multi Engine Jet Aeroplane (MTOW 166600 lbs)
B. FSTD qualification level:	FNPT Level II MCC
C. Primary reference document	CS-FSTD A initial issue
D. Visual System	Alsim I.G. - Raster only image projected on circular screen - Three Panasonic PT-MZ570EJ laser LCoS hybrid projectors - not collimated FoV: V 40 deg - H 208 deg
E. Motion System	N/A
F. Engine fit	two generic turbofan with autothrust rated at 27000 lbs each
G. Instrument fit	EFIS digital presentation, on flat panel displays: F/D (Xbars or Vbars) / A/P (with Mode Annunciator) / ADF / VHF-NAV / DME / Marker / Trasponder / 1 WX Radar / Garmin GTN 650
H. ACAS fit	ACAS II (close to SW 7.1)
I. Windshear	Windshear reproduction profiles available
J. Additional capabilities	GNS with moving map - APU (generic) - GPWS - FMS - Smoke generator - 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	N/A	m	DH	N/A	ft	N/A
CAT III (low est minimum)	RVR	N/A	m	DH	N/A	ft	N/A
LVTO	RVR	-	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 / YES (SW 7.1)
Windshear warning system / predictive windshear							N/A / N/A
WX-radar							YES
HUD / HUGS							N/A
FANS							N/A
GPWS / EGPWS							YES / N/A
GPS							YES
ETOPS Capability							N/A
Other :	- Qualification Airfields: EGLL, LIML, LIME, LIMF, LIMC - W/ Garmin GTN650 only, RNP APCH, LNAV:YES LNAV/VNAV:YES (vertical profile with SBAS only) LPV: YES AR :N/A						

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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-082B

**Generic Multi Engine Piston Aeroplane
S/N: ALX-69**

located at

**Aeroclub di Varese asd
Via A.Ferrarin 10 21040 Venegono Inferiore (VA) - 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: 1 June 2018

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Name: **Sebastiano Veccia**

Title: **Head of Personnel Licensing & Operations
Regulation Dept.**

FSTD SPECIFICATIONS

- Date in service June 2018

A. Type or variant of aircraft:	Generic Multi Engine Piston Aeroplane (based on PA-44)
B. FSTD qualification level:	FNPT Level II
C. Primary reference document	CS-FSTD A initial issue
D. Visual System	Alsim I.G. - Raster only image projected on circular screen - Three Panasonic PT-MZ570EJ laserLCoS hybrid 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 / Trasponder / Garmin GTN 650
H. ACAS fit	ACAS I
I. Windshear	Windshear reproduction profiles available
J. Additional capabilities	GNS with moving map - WX-Radar, radio altimeter (EFIS only) - Smoke generator - 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	N/A	m	DH	N/A	ft	N/A
CAT III (low est minimum)	RVR	N/A	m	DH	N/A	ft	N/A
LVTO	RVR	-	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							YES (EFIS only)
HUD / HUGS							N/A
FANS							N/A
GPWS / EGPWS							N/A / N/A
GPS							YES
ETOPS Capability							N/A
Other :	- Qualification Airfields: EGLL, LIML, LIME, LIMF, LIMC - RNP APCH, LNAV:YES LNAV/VNAV:YES (vertical profile with SBAS only) LPV: YES AR :N/A						

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Name: **Sebastiano Veccia**
 Title: **Head of Personnel Licensing & Operations Regulation Dept.**

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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-082C

**Generic Single Engine Piston Aeroplane
S/N: ALX-69**

located at

**Aeroclub di Varese asd
Via A.Ferrarin 10 21040 Venegono Inferiore (VA) - Italy**

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FSTD SPECIFICATIONS

- Date in service June 2018

A. Type or variant of aircraft:	Generic Single Engine Piston Aeroplane (based on PA-28)
B. FSTD qualification level:	FNPT Level II
C. Primary reference document	CS-FSTD A initial issue
D. Visual System	Alsim I.G. - Raster only image projected on circular screen - Three Panasonic PT-MZ570EJ laserLCoS hybrid projectors - not collimated FoV: V 40 deg - H 208 deg
E. Motion System	N/A
F. Engine fit	one piston engine rated at 200 HP / constant speed propeller
G. Instrument fit	Either in Analogue or EFIS presentation, on flat panel displays: 2 F/D (Xbars or Vbars) / A/P (with Mode Annunciator) / ADF / VHF-NAV / DME / Marker / Trasponder / Garmin GTN 650
H. ACAS fit	ACAS I
I. Windshear	Windshear reproduction profiles available
J. Additional capabilities	GNS with moving map - radio altimeter (EFIS only) - Smoke generator - 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	N/A	m	DH	N/A	ft	N/A
CAT III (low est minimum)	RVR	N/A	m	DH	N/A	ft	N/A
LVTO	RVR	-	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	N/A						
Other :	- Qualification Airfields: EGLL, LIML, LIME, LIMF, LIMC - RNP APCH, LNAV: YES LNAV/VNAV: YES (vertical profile with SBAS only) LPV: YES AR : N/A						

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