



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-030A

**Agusta Westland A109E
S/N: 2EAH-549**

located at

**Rotorsim Srl
Training Academy A.Marchetti
Via Indipendenza 2, 21018 Sesto Calende (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certificate remaining in compliance with the applicable requirements of Part-ORA, unless it has been surrendered, superseded, suspended or revoked.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: 6 May 2015

Signed:

A handwritten signature in black ink, appearing to read 'M. Silanos', is written over the 'Signed:' label.

Name:

Marco Silanos

Title:

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

BOLLO ASSOLTO IN MODO VIRTUALE
(aut. Dir. Reg. Entrate Lazio N. 135047/98 del 30/11/2010)

FSTD SPECIFICATIONS

- Date in service: May 2006

A. Type or variant of aircraft:	A109E
B. FSTD qualification level:	FFS Level D
C. Primary reference document	JAR-STD 1 H 1st April 2001
D. Visual System	CAE Medalion-6220 Image Generator, 5 x LCOS BARCO SIM-7Q projectors, 220x60 degrees FOV (collimated raster-only display)
E. Motion System	6-DOF, hydraulic: CAE Series 660 with 3-DOF Vibration Platform
F. Engine fit	Pratt and Whitney PW206C
G. Instrument fit	NVG ready EFIS based KRATOS avionic suite: EDU AMETEK; 2 VHF-COM, 2 VHF-NAV, 1 ADF, 1 DME Collins; GPS Trimble 2101 / AFCS 3-Axys Sperry
H. ACAS fit	N/A
I. Windshear	Windshear reproduction profiles available
J. Additional capabilities	- A/C OPERATIVE KITS: Nightsun Searchlight SX-16, Moving Map Bendix KMD 550, Emergency Floats, EAPS, Cargo Hook, External Hoist Breeze Eastern / convertible as fixed base trainer following cockpit roll-out / Suitable for NVG Training
K. Restrictions/Limitations	1) 8,33 kHz spacing into the VHF COM system N/A 2) ATIS N/A

L. Guidance information for training, testing and checking considerations							
CAT I	RVR	500	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	150	m				YES
Recency							YES
IFR training/check							YES / YES
Type rating							YES
Proficiency checks							YES
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
HUD / HUGS							N/A
FANS							N/A
GPWS / EGPWS							N/A / N/A
GPS							YES GPS Trimble 2101 Approach Plus
ETOPS Capability							N/A
Other :	- Qualification Visual Scenes: LIRF, LIRA and LIRU airports, confined areas: "S.Pertini" and "P. Repubblica", elevated heliports: "Pietralata" and "Ministero Difesa Aeronautica"; OIL RIG placed at N041:45.36.03/E011:39.43.02 (LAT/LONG).						

Date of issue: 6 May 2015

Signed:

p.d. Cortonic

Name:

Marco Silanos

Title:

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