



## 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-030C**

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

located at

**Rotorsim Srl  
Via Indipendenza 2, 21018 Sesto Calende (VA) - Italy  
Training Academy A. Marchetti**

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certificate remaining in compliance with the applicable requirements of Part-ORA, unless it has been surrendered, superseded, suspended or revoked.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: 26 Nov 2013

Signed:

A handwritten signature in blue ink, appearing to read 'MS', is written over the printed name.

Name:

**Marco Silanos**

Title:

**Head of Air & Ops Regulation Division**



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

**FSTD SPECIFICATIONS**

- Date in service: Sept 2011

A. Type or variant of aircraft:	A109E
B. FSTD qualification level:	FTD Level III
C. Primary reference document	JAR-FSTD H
D. Visual System	CAE Inc. MED-8220 IG - Five Sony VPL-GH10 LCoS Projectors - not collimated FoV 150 deg. H, 60 deg. V
E. Motion System	N/A
F. Engine fit	Pratt and Whitney PW206C
G. Instrument fit	NVG ready EFIS KRATOS and 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	N/A
J. Additional capabilities	- device convertible with FFS Level D A109E reg. IT-030A - A/C OPERATIVE KITS: Nightsun Searchlight SX-16, Moving Map Bendix KMD 550, Emergency Floats, EAPS, Cargo Hook, External Hoist Breeze Eastern / Suitable for NVG Training
K. Restrictions/Limitations	1) 8,33 kHz spacing into the VHF COM system 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	400	m				N/A
Recency							N/A
IFR training/check							YES / YES
Type rating							YES (PARTIALLY)
Proficiency checks							N/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
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 airport, confined areas: "S.Pertini" and "P. Repubblica", elevated heliports: "Pietralata" and "Ministero Difesa Aeronautica" ; OIL RIG placed at N 041:45.36.03 / E011:39.43.02 (LAT/LONG).						

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Signed:

Name:

Title:



**Marco Silanos**

**Head of Air & Ops Regulation Division**

