



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-032
Agusta Westland AW139
S/N: 2EFS-628

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certificate remaining in compliance with the applicable requirements of Part-ORA, unless it has been surrendered, superseded, suspended or revoked.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: 26/06/2013

Signed:

A handwritten signature in blue ink, appearing to read 'ms', is written over a light blue background.

Name:

Marco Silanos

Title:

Head of Air & Ops Regulation Division

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

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A. Type or variant of aircraft:	AW139
B. FSTD qualification level:	Level D FFS
C. Primary reference document	JAR-STD 1 H 1st April 2001
D. Visual System	5-Channels 220x60 collimated display, CAE Medalion 6220 IG, Barco SIM7Q LCoS projectors, 2 displays for Chin Windows
E. Motion System	CAE Series 660 6-DOF with 3-DOF Vibration Platform
F. Engine fit	Pratt & Whitney PT6C-67C
G. Instrument fit	Avionics firmware: EPIC Load rev.4.8 (4-axys AFCS) FMS firmware NZ 7.01 - Flight Controls fit: two SAGEM SM-7500 - Instrumentation fit (NVG ready): PFD Honeywell p/n 7023460-804, MCDU Honeywell p/n 7025725-941, Electronic stand-by SIM3100 501-1891-0102, ADF Honeywell DF-855, Transponder TDR 90A, DME Honeywell DM 855
H. ACAS fit	TCAS I KTA0910
I. Windshear	N/A
J. Additional capabilities	- A/C OPERATIVE KITS: Nightsun Spectrolab SX-16, Moving Map Skyforce Observer MKII, Emergency Floats p/n 3G9560F00113, EAPS AG p/n 3G3110V00252, Hoist AG p/n 3G2591V00152, Cargo Hook AG p/n 3G2592V00152, NVG p/n 109-0811-90-103
K. Restrictions/Limitations	1) Low visibility taxi training and checking is approved at LSZH runway 28 only

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							YES / 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 / YES
GPS							YES GPS:embedded into avionics
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 N041:45.36.03/E011:39.43.02 (LAT/LONG).						

Date of issue: 26/06/2013

Signed:



Name:

Marco Silanos

Title:

Head of Airworthiness & Operations Regulation