



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-078

**Agusta Westland AW189
S/N: 2E4K-1293**

located at

Rotorsim Srl - Aberdeen Satellite Center

Dyce Avenue – Dyce, Aberdeen, AB21 0IQ Scotland, United Kingdom

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certificate remaining in compliance with the applicable requirements of Part-ORA, unless it has been surrendered, superseded, suspended or revoked.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: 30 July 2015

Bollo assolto in modo virtuale
aut. Direz. Reg. Entrate Lazio
n. 135047/98 del 30/11/1998

Signed:

Name:

Title:

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

Marco Silanos

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

FSTD SPECIFICATIONS

- Date in service July 2015

A. Type or variant of aircraft:	AW189
B. FSTD qualification level:	FFS Level D
C. Primary reference document	CS-FSTD H
D. Visual System	CAE Medallion 6220 IG - 10 channels, Direct Projection on 10 ft radius dome display w/ extended field of view - FoV 210 deg. H, 70 deg. V, Barco Sim5W DLP projectors (w/ eye point set to central, single pilot ops: FoV 210 deg. H, 80 deg. V)
E. Motion System	CAE Electro-Mechanical 6-DOF EMM 60" w/ Electric Vibration Platform
F. Engine fit	GE CT7-2E1 - Fadec SW ver. 3.0
G. Instrument fit	CDS (4), ESIS, AHRS (2), ADC (2), VOR (2), DME, Radar ALT (2), ECDU (2) sw. v. 3.2, GPS/GNSSU (2). AFCS AgustaWestland HAC3000 sw v. 05R05 (2), AMMS (2) sw v. 4.4.8.
H. ACAS fit	ACAS II (Rockwell Collins SW 7.1)
I. Windshear	Windshear reproduction available.
J. Additional capabilities	- H/C OPERATIVE KITS: Rotor Brake, Floatation kit, ADELTA, external cameras, WX Radar, TCAS II, HTAWS, Digital map, SVS, Increased visibility doors, AFCS SAR modes, VHF/FM Wulfsberg Flexcomm II, Double Hoist, Trakka A800 Searchlight, NVIS.
K. Restrictions/Limitations	None

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 / YES
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/GNS CMA 3024 SBAS CMC MARK II
ETOPS Capability							N/A
Other :	- Qualification Visual Scenes: LIRF, LIRA and LIRU airports, landing sites: "S. Pertini" and "P. Repubblica", elevated heliports: "Pietralata" and "Ministero Difesa Aeronautica. OIL RIG placed at N41:45/E012:10.0 (LAT/LONG) elevation 185 ft ASL.						

Date of issue: 30 July 2015

Signed:

Name:

Title:



Marco Silanos
Head of Personnel Licensing & Operations
Regulation Dept.