

# FLIGHT SIMULATION TRAINING DEVICE QUALIFICATION CERTIFICATE

Pursuant to Commission Regulation (EU) No 1178/2011 and subject to the conditions specified below, the European Union Aviation Safety Agency hereby certifies that

**FSTD No EU-IT047**

S/N: CAE - 2ECX-745

**Leonardo AW139**

Located at

**Rotorsim S.r.L**  
**3050 Red Lion Rd**  
**Philadelphia, PA 19114**  
**USA**

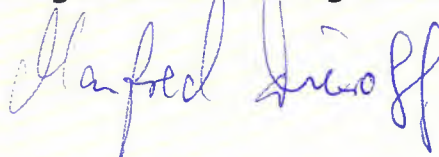
has satisfied the qualification requirements prescribed in Part-ORA, subject to the conditions of the attached FSTD specifications.

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certificate remaining in compliance with the applicable requirements of Part-ORA, unless it has been surrendered, superseded, suspended or revoked.

**For the European Union Aviation Safety Agency,**

**Date of issue: 23.03.2021**

**Manfred DIEROFF**  
**Flight Crew Training Oversight Section Manager**



Note:  
The following numbers are listed on the certificate:  
EASA current Project Number: 0010026003 - 001

## FSTD QUALIFICATION CERTIFICATE: EU-IT047

### FSTD SPECIFICATIONS

A.	Type or variant of aircraft:	Leonardo AW139
B.	FSTD qualification level:	HELICOPTER FFS LEVEL D
C.	Primary reference document:	JAR-STD 1H initial issue. Visual system: CS-FSTD(H) initial issue
D.	Visual system:	CAE, Medallion 6021, LCoS projectors, FOV 220degx60deg, collimated
E.	Motion system:	CAE, 60 inch, hydraulic, 6 DOF, 3 DOF vibration platform
F.	Engine fit:	Pratt & Whitney PT6C-67C
G.	Instrument fit:	According to rotorcraft type equipped with Honeywell Primus EPIC (ver. 7.4)
H.	ACAS fit:	TCAS II (ver. 7.1)
I.	Windshear:	Profile available
J.	Additional capabilities:	None
K.	Restrictions or limitations:	ATIS not available

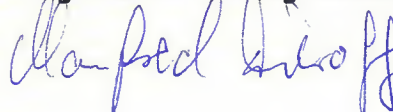
L.	Guidance information for training, testing and checking considerations						
CAT I	RVR	500	m	DH	200	ft	yes
CAT II	RVR	300	m	DH	100	ft	n/a
CAT III (lowest minimum)	RVR		m	DH		ft	n/a
LVTO	RVR	150	m				yes
Recency							yes
IFR-training / check							yes / yes
Type rating							yes
Proficiency checks							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 / n/a
FANS							n/a
GPWS / EGPWS							n/a / yes
GPS							yes
ETOPS capability							n/a
Other:	Airborne Radar Approach (ARA), Night Vision Imaging System (NVIS), ditching, ship landing, rig landing, elevated platform landing, Searchlight Nightsun Spectrolab SX-16, Moving Map Skyforce Observer MKII, emergency floats, rescue hoist, cargo hook, Night Vision Goggle (NVG), RNP APCH limited to: [LNAV, LNAV/VNAV, LPV]						

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**Manfred DIEROFF**

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