



**FLIGHT SIMULATION TRAINING DEVICE  
QUALIFICATION CERTIFICATE**

Pursuant to Commission Regulation (EU) No 1178/2011 as amended and as retained (and amended in UK domestic law) under the European Union (Withdrawal) Act 2018 and subject to the conditions specified below, the Civil Aviation Authority hereby certifies that

FSTD Number: **RS-825**  
Serial Number: CAE 2ECX-745

**Leonardo AW139**

Located at:

**Rotorsim S.r.l.**

**Leonardo Helicopters Training Academy  
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certificate remaining in compliance with the applicable requirements of Part-ORA, unless it has been surrendered, superseded, suspended or revoked.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 United Kingdom Civil Aviation Authority,  
Initial Issue      03 September 2021

Signed:   
Mr A Bell  
Principal FSTD Technical Inspector



CAA

**FLIGHT SIMULATION TRAINING DEVICE QUALIFICATION CERTIFICATE: RS-825  
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 and (UK) CS-FSTD(H) initial issue (update visual system)
D.	Visual system:	CAE / Medallion-6021 / 5 projectors / Day-Dawn-Dusk-Night Barco SIM 7Q / LCoS projectors / 220deg x 60deg / Collimated + 2 chin windows
E.	Motion system:	CAE / 60 inch / Hydraulic / 6 DOF + 3 Axes 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:	ACAS II, ver 7.1
I.	Windshear:	Profiles 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 / checks						yes / yes
Type-rating						yes
Proficiency checks						yes
Auto-coupled approach						yes
ACAS I / II						n/a / yes
WX radar						yes
GPWS						n/a
EGPWS / TAWS						yes / n/a
Airborne Radar Approach (ARA)						yes
Night Vision Imaging System (NVIS)						yes
Ditching						yes
Ship Landing						yes
Rig Landing						yes
Elevated Platform Landing						yes
GPS						yes
Other:	RNP APCH limited to: [LNAV, LNAV/VNAV and LPV], Searchlight Nightsun Spectrolab SX-16, Moving Map Skyforce Observer MKII, Emergency Floats, Rescue Hoist, Cargo Hook					

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**Signed:**   
**Mr A Bell**  
**Principal FSTD Technical Inspector**

