

**United Kingdom  
Civil Aviation Authority**



**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-802**  
Serial Number: CAE  
2EFS-628

**Leonardo AW139  
Located at:**

**Rotorsim S.r.l.  
Leonardo Training Academy  
Via Indipendenza 2  
21018 Sesto Calende (VA)  
Italy**

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certificate remaining in compliance with the applicable requirements of Part-ORA, unless it has been surrendered, superseded, suspended or revoked.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                      30 June 2021  
Revision 03                      21 February 2024

Signed:   
Mr A Bell  
FSTD Lead Technical Inspector

## CAA

**FLIGHT SIMULATION TRAINING DEVICE QUALIFICATION CERTIFICATE: RS-802**  
**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
D.	Visual system:	CAE / Medallion 6031 / 5 projectors / Day-Dawn-Dusk-Night Barco FS40-4K MkII / DLP - LED projectors / 220 deg x 60 deg / Collimated + 2 chin windows (Barco FS40-4K MkII projectors)
E.	Motion system:	CAE Series 660 / 60 inch / Hydraulic / 6 DOF + 3 Axes Vibration Platform
F.	Engine fit:	PWC PT6C-67C
G.	Instrument fit:	According to rotorcraft type equipped with Honeywell Primus Epic Phase 7.4
H.	ACAS fit:	ACAS II, ver 7.1
I.	Windshear:	Profiles available
J.	Additional Capabilities:	None
K.	Restrictions or limitations	None

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 / EGPWS						n/a / yes
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], 4-axis AFCS w/ SAR modes - ESIS - two Honeywell MCDU, FMS firmware NZ 7.01. Nightsun Spectrolab SX-16, Moving Map Skyforce, Observer MKII, Emergency Floats, EAPS, Single sling Hoist, Dual GPS, w/SBAS, TCAS II, Cargo Hook, NVIS predisposition.					

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