

**United Kingdom
Civil Aviation Authority**



**FLIGHT SIMULATION TRAINING DEVICE
QUALIFICATION CERTIFICATE**

Pursuant to UK Regulation (EU) No 1178/2011 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certificate remaining in compliance with the applicable requirements of Part-ORA, unless it has been surrendered, superseded, suspended or revoked.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 04 19 May 2025

Signed: _____
On behalf of 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 and (UK) CS-FSTD(H) initial issue (update visual system)
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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