

**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-699**
Serial Number: CAE
2ERJ-1035

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certificate remaining in compliance with the applicable requirements of Part-ORA, unless it has been surrendered, superseded, suspended or revoked.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 19 February 2021

Revision 03 04 March 2025

Signed: _____
On behalf of Mr A Bell
FSTD Lead Technical Inspector

CAA

FLIGHT SIMULATION TRAINING DEVICE QUALIFICATION CERTIFICATE: RS-699
FSTD SPECIFICATIONS:

A.	Type or variant of aircraft:	Leonardo AW139
B.	FSTD qualification level	Helicopter FFS Level D
C.	Primary reference document	(UK) CS-FSTD(H) initial issue
D.	Visual system:	CAE / Medallion 6031 / 8 projectors / Day-Dawn-Dusk-Night Barco FS40-4K MkII / DLP - LED projectors / 210 deg x 70 deg / Not Collimated
E.	Motion system:	CAE EMM60 series / 60 inch / Electric / 6 DOF + Vibration Platform
F.	Engine fit:	PWC PT6C-67C
G.	Instrument fit:	According to rotorcraft type equipped with Honeywell Primus Epic Phase 7.4 and Phase 8.0
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, LPV and AR], GW increase to 6800 kg, Searchlight Nightsun Spectrolab SX-5, Emergency Floats, EAPS, 2nd GPS, Dual Rescue Hoist (1 sling), Cargo Hook with cameras, Full Ice Protection System (FIPS), Digital Map Euronav V, AFCS SAR Modes					

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