

**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: **PW-754**
Serial Number: CAE 2ERK-1074

Leonardo AW139

Located at:

PWN Excellence Sdn Bhd

**Lot 14100, Jalan TUDM
Pangkalan Udara Subang
40150 Shah Alam, Selangor
Malaysia**

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certificate remaining in compliance with the applicable requirements of Part-ORA, unless it has been surrendered, superseded, suspended or revoked.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 01 June 2021

Signed: *PP C. J. Royce*
Mr A Bell
Principal FSTD Technical Inspector



FLIGHT SIMULATION TRAINING DEVICE QUALIFICATION CERTIFICATE: PW-754
FSTD SPECIFICATIONS:

A.	Type or variant of aircraft:	Leonardo AW139
B.	FSTD qualification level	Helicopter FFS Level D
C.	Primary reference document	CS-FSTD(H) initial issue
D.	Visual system:	CAE / Medallion 6220 / 8 projectors / Day-Dawn-Dusk-Night Barco Sim5W / DLP projectors / 210deg x 80deg / 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 Rev. 5.6 and 7.4
H.	ACAS fit:	ACAS I (under Epic Rev. 5.6) / ACAS II 7.1 (under Epic Rev. 7.4)
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					yes / 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], Note - RNP APCH only available under EPIC Rev 7.4. GW increase to 6800kg, Searchlight Nightsun Spectrolab SX-5, Emergency Floats, Engine Advanced Protection System (EAPS), 2nd GPS, Dual rescue hoist (1 sling), Cargo hook with cameras, Full Ice, Protection System (FIPS)				

For the United Kingdom Civil Aviation Authority,
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Signed: 
Mr A Bell
Principal FSTD Technical Inspector

