



**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-698**  
Serial Number: CAE Inc. & AgustaWestland S.p.A. 2E4K-1293

**Leonardo AW189**

Located at:

**Rotorsim S.r.l.**

**Dyce Avenue  
Aberdeen Airport  
Aberdeenshire  
Scotland  
AB21 0LQ**

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certificate remaining in compliance with the applicable requirements of Part-ORA, unless it has been surrendered, superseded, suspended or revoked.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

Revision 02 16 September 2021

Signed:   
Mr A Bell  
Principal FSTD Technical Inspector



CAA

**FLIGHT SIMULATION TRAINING DEVICE QUALIFICATION CERTIFICATE: RS-698  
FSTD SPECIFICATIONS:**

A.	Type or variant of aircraft:	Leonardo AW189
B.	FSTD qualification level	Helicopter FFS Level D
C.	Primary reference document	(UK) CS-FSTD(H) initial issue
D.	Visual system:	CAE / Medallion 6220 / 10 projectors / Day-Dawn-Dusk-Night Barco Sim5W / DLP projectors / 210deg x 70deg / Not Collimated
E.	Motion system:	CAE EMM60 series / 60 inch / Electric / 6 DOF + 3 Axes Vibration Platform
F.	Engine fit:	General Electric CT7-2E1
G.	Instrument fit:	According to rotorcraft type Avionics Phase 5.0
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					n/a
EGPWS / TAWS					yes / 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], Floats, Synthetic Vision System (SVS), Moving map, Cameras (tail fin, hook, hoist and front face cargo), Increased visibility doors, Automatic Flight Control System (AFCS), Search and Rescue (SAR) modes, Double hoist, Cargo hook, Searchlight Trakka A800, Thermal imaging camera system Star 380HD, Full Ice Protection System (FIPS), Automatically Deployable Emergency Locator Transmitter (ADELT)				

**For the United Kingdom Civil Aviation Authority,**

**Initial Issue 01 January 2021**

**Revision 02 16 September 2021**

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

