

# FLIGHT SIMULATION TRAINING DEVICE QUALIFICATION CERTIFICATE

Pursuant to Commission Regulation (EU) No 1178/2011 and subject to the conditions specified below, the European Union Aviation Safety Agency hereby certifies that

**FSTD No EU-IT078**

S/N: CAE / 2E4K-1293

**Leonardo AW189**

Located at

**Rotorsim S.r.L**  
**Dyce Avenue c/o Bristow Helicopters Ltd.**  
**Dyce**  
**Aberdeen AB21 0LQ**  
**Scotland**  
**United Kingdom**

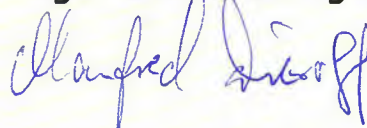
has satisfied the qualification requirements prescribed in Part-ORA, subject to the conditions of the attached FSTD specifications.

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certificate remaining in compliance with the applicable requirements of Part-ORA, unless it has been surrendered, superseded, suspended or revoked.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 European Union Aviation Safety Agency,**

**Date of issue: 01.01.2021**

**Manfred DIEROFF**  
**Flight Crew Training Oversight Section Manager**



Note:  
The following numbers are listed on the certificate:  
EASA current Project Number: 0060067521 - 001

**FSTD QUALIFICATION CERTIFICATE: EU-IT078**  
**FSTD SPECIFICATIONS**

A.	Type or variant of aircraft:	Leonardo AW189				
B.	FSTD qualification level:	HELICOPTER FFS LEVEL D				
C.	Primary reference document:	CS-FSTD(H) initial issue				
D.	Visual system:	CAE, Medallion 6220, 10xLCoS projectors, extended FOV 210degx70deg (210degx80deg for single pilot operation), non-collimated				
E.	Motion system:	CAE, 60 inch, electro-mechanical, 6 DOF, electric vibration platform				
F.	Engine fit:	General Electrics CT7-2E1				
G.	Instrument fit:	According to rotorcraft type Avionics Phase 5.0				
H.	ACAS fit:	TCAS II (ver. 7.1)				
I.	Windshear:	Profile 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 / check						yes / yes
Type rating						yes
Proficiency checks						yes
Autocoupled approach						yes
Autoland / roll out guidance						n/a / n/a
ACAS I /II						n/a / yes
Windshear warning system / predictive windshear						n/a / n/a
WX-radar						yes
HUD / HUGS						n/a / n/a
FANS						n/a
GPWS / EGPWS						n/a / yes
GPS						yes
ETOPS capability						n/a
Other:	RNP APCH: [LNAV, LNAV/VNAV, LPV, AR], rig landing, elevated platform landing, rotor brake, 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, Night Vision Imaging System (NVIS), thermal imaging camera system Star 380HD, Full Ice Protection System (FIPS)					

**For the European Union Aviation Safety Agency,**

**Date of issue: 01.01.2021**

**Manfred DIEROFF**

**Flight Crew Training Oversight Section Manager**

Note:

The following numbers are listed on the certificate:  
EASA current Project Number: 0060067521 - 001

FSTD QUALIFICATION CERTIFICATE - 10069261, REV. 1 - Rotorsim S.r.L

EASA Form 145, Issue 1 - 08/04/2012