



USER APPROVAL CERTIFICATE

Ref. No. : CAAM/BOP/1/205

Ser. No. U61/23

It is hereby certified that

LEONARDO S.P.A. HELICOPTERS

is issued with this User Approval Certificate under Regulation 68 of the Civil Aviation Regulations 2016 to use the following FSTD:

FLIGHT SIMULATION TRAINING DEVICE – LEVEL D SERIAL NO: 2ERK-1074

Helicopter Type

AW139

operated by

PWN Excellence Sdn. Bhd.

located at

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

To conduct training, testing and checking as specified in the attached **Training Specifications**. This User Approval validity shall depend on the continued validity of the device(s). It is not transferable and unless revoked, suspended or varied shall continue in effect until

30 SEPTEMBER 2024

Date: 25 September 2023

DATO' CAPTAIN NORAZMAN MAHMUD
Chief Executive Officer
Civil Aviation Authority of Malaysia

A handwritten signature in black ink, appearing to read "Norazman Mahmud", is written over a horizontal line.

CAAM Stamp:



OPS

CIVIL AVIATION AUTHORITY OF MALAYSIA



FSTD QUALIFICATION SPECIFICATIONS: 2ERK-1074

Ref: No. : CAAM/BOP/1/205

Ser. No. : U61H/23

A.	Type or variant of aircraft:	Leonardo AW139
B.	FSTD qualification level:	FFS Level D
C.	Primary reference	CAD 1003-FSTD, CS-FSTD (H)
D.	Visual system:	CAE Medallion 6220 visual system 210° x 80° Projectors: Qty 8 – Barco Sim5W
E.	Motion system:	CAE Inc. EMM60 6 DOF motion / 3 DOF Electric Vibration
F.	Engine fit:	P&W Canada PT6C-67C Turbines
G.	Instrument fit:	Honeywell Primus Epic Rev 5.6 and 7.4
H.	ACAS fit:	TCAS I (under Epic Rev. 5.6) / TCAS II (under Epic Rev. 7.4)
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 550m DH 200ft	Yes
CAT II	RVR 300m DH 100ft	No
CAT IIIA	RVR 200m DH 50ft	No
CAT IIIB	RVR 75m DH 20ft	No
CAT IIIC	RVR 0m DH 0ft	No
LVTO	RVR 150m	Yes
Recency		Yes
Zero Flight Time		No
IFR- Training / Checking		Yes / Yes
Type Rating (Licensing Skill Tests)		Yes
Proficiency Checks (Licensing Skill Checks / Operators Proficiency Checks)		Yes
Auto-Coupled Approach		Yes
Auto-Land / Roll Out Guidance		No / No
ACAS I / II (TCAS ver 7.4)		Yes
Windshear Warning System / Predictive Windshear		Yes
Weather Radar		Yes
HUD / HUGS / EVS		No / No / No
FANS		No
GPWS / EGPWS		No / Yes
ETOPS / EDTO Capability		No
GPS / LVS / WAAS		Yes / No / No
RNP AR		No
UPRT		No
F1180 Simulator Approved Items (Flight Engineer)		No
PBN RNP/AR		Yes
Other(s): HOFO, ARA, Ship Landing, Elevated Platform landing, Emergency Floats, Searching Nightsun SpectrolabSX-5, EAPS, Single Hoist, Cargo Hook, FIPS, NVG Compatible Lighting / Visual System.		

Valid Until: 30 September 2024

Date of issue: 25 September 2023

CAAM Stamp:

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DATU' CAPTAIN NORAZMAN MAHMUD
Chief Executive Officer
for Civil Aviation Authority of Malaysia

