



CERTIFICATE OF QUALIFICATION

Ref. No. : CAAM/BOP/1/222

Ser. No. : 16/23

It is hereby certified that the

**FLIGHT SIMULATION TRAINING DEVICE
SERIAL NO: 2ERK-1074**

operated by

PWN EXCELLENCE SDN. BHD.

located at

**LOT 14100, JALAN TUDM, PANGKALAN UDARA SUBANG,
40150 SHAH ALAM, SELANGOR**

has met the qualification requirements of regulation 68 of
Civil Aviation Regulation 2016 for a

**FULL FLIGHT SIMULATOR
LEVEL D**

helicopter type

AW139

This certificate is not transferable and unless revoked, suspended or varied shall continue in effect until

31 OCTOBER 2024

Date: 01 November 2023


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

CAAM Stamp:



CIVIL AVIATION AUTHORITY OF MALAYSIA



FSTD QUALIFICATION SPECIFICATIONS: 2ERK-1074

Ref: No.: CAAM/BOP/1/222

Ser. No.: 16H/23

A.	Type or variant of aircraft:	AW139
B.	FSTD qualification level:	Level D
C.	Primary reference	EASA 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:	According to aircraft type
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 350m DH 100ft	No
CAT IIIA	RVR 200m DH 50ft	No
LVTO	RVR 125m	Yes
Recency		Yes
Zero Flight Time		No
IFR- Training / Checking		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
ACAS I / II (TCAS ver 7.4)		Yes
Windshear Warning System / Predictive Windshear		Yes / 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
PBN RNP / AR		Yes
Other(s): HOFO, ARA, Ship Landing, Rig Landing, Elevated Platform Landing, Emergency Floats, Searchlight Nightsun Spectrolab SX-5, EAPS, 2 nd GPS, Single Hoist, Cargo Hook, FIPS, NVG Compatible lighting / visual system – Yes UPRT - No		

Valid Until: 31 October 2024

Date of issue: 01 November 2023

CAAM Stamp: 
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