



CERTIFICATE OF QUALIFICATION

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

Ser. No. : 13/20

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

AgustaWestland AW139

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

31 OCTOBER 2021

Date: 19 October 2020

A handwritten signature in black ink, appearing to read "Chester Voo Chee Soon", is written over a horizontal line.

CAAM Stamp:



**CAPTAIN CHESTER VOO CHEE SOON
Chief Executive Officer
for Civil Aviation Authority Malaysia**

CIVIL AVIATION AUTHORITY OF MALAYSIA



FSTD QUALIFICATION SPECIFICATIONS: 2ERK-1074

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

Ser. No. : 13H/20

A.	Type or variant of aircraft:	AgustaWestland 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°
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 300m DH 100ft	No
CAT IIIA	RVR 200m DH 50ft	No
LVTO	RVR 150m	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 / No
ACAS I / II		Yes
Windshear Warning System / Predictive Windshear		/ n/a
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
F1180 Simulator Approved Items (Flight Engineer)		No
RNP APCH LNAV / VNAV		Yes / Yes
RNP APCH LPV/ RNP AR APCH		Yes / Yes
Other(s):	Airborne Radar Approach (ARA), ditching, ship landing, rig landing, elevated platform landing, GW increase to 68000kg, Searchlight Nightsun Spextrolab 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), Night Vision Goggle (NVG) compatible lighting/visual system, RNP APCH: [LNAV, LNAV/VNAV, PPV (only available under EPIC Rev 7.4)]	

Valid Until: 31 October 2021

CAAM Stamp:

Date of issue: 19 October 2020


CAPTAIN CHESTER VOO CHEE SOON
 Chief Executive Officer
 for Civil Aviation Authority of Malaysia

