United Kingdom
Civil Aviation Authority

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: **QD-861**
Serial Number: CAE
SN-124519

A320-NEO
Located at:

Quadrant Systems Limited
Victoria Gardens
Burgess Hill
West Sussex
RH15 9NB

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certificate remaining in compliance with the applicable requirements of Part-ORA, unless it has been surrendered, superseded, suspended or revoked.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 20 July 2022
Revision 03 12 January 2024

CIVIL AVIATION AUTHORITY CAA 0065

Digitally signed by Andrew Bell
Date: 2024.01.12 08:16:34 Z

Signed:
Mr A Bell
FSTD Lead Technical Inspector

CAA

FLIGHT SIMULATION TRAINING DEVICE QUALIFICATION CERTIFICATE: QD-861
FSTD SPECIFICATIONS:

A.	Type or variant of aircraft:	A320-NEO
B.	FSTD qualification level	Aeroplane FFS Level D
C.	Primary reference document	(UK) CS-FSTD(A) Issue 2
D.	Visual system:	Symthetiq / aXion / 3 projectors / Day-Dawn-Dusk-Night JVC VS2300 / LCoS - Laser projectors / 200deg x 40deg / Collimated
E.	Motion system:	MOOG / 60 inch / Electro Pneumatic / 6 DOF
F.	Engine fit:	CFM LEAP-1A26
G.	Instrument fit:	According to aircraft type Airbus standard 2.0.0
H.	ACAS fit:	ACAS II, ver 7.1
I.	Windshear:	Profiles available
J.	Additional Capabilities:	Full/post stall
K.	Restrictions or limitations	1.

L.	Guidance information for training, testing and checking considerations					
CAT I	RVR	550 m	DH	200 ft		yes
CAT II	RVR	300 m	DH	100 ft		yes
CAT III (lowest minimum)	RVR	75 m	DH	no		yes
LVTO	RVR	125 m				yes
Recency						yes
IFR training / checks						yes / yes
Type-rating						yes
Proficiency checks						yes
Auto-coupled approach						yes
Autoland / roll out guidance						yes / yes
ACAS I / II						n/a / yes
Windshear warning system / predictive windshear						yes / yes
WX radar						yes
HUD / HUGS						n/a / n/a
FANS						n/a
GPWS / EGPWS						n/a / yes
ETOPS capability						yes
GPS						yes
Other: RNP APCH limited to: [LNAV, LNAV/VNAV and AR], Smoke, ATSAW, AP-TCAS, ROW/ROPS						

United Kingdom Civil Aviation Authority Flight Simulation Training Device Qualification Certificate FSTD Number QD-861

For the United Kingdom Civil Aviation Authority,
Initial Issue 20 July 2022
Revision 03 12 January 2024

CIVIL AVIATION AUTHORITY CAA 0065

Digitally signed by Andrew Bell
Date: 2024.01.12 08:16:47 Z

Signed:
Mr A Bell
FSTD Lead Technical Inspector