



**FLIGHT SIMULATION TRAINING DEVICE
QUALIFICATION CERTIFICATE**

Pursuant to Commission Regulation (EU) No. 1178/2011 as amended, Annex VI and subject to the conditions specified below, the United Kingdom Civil Aviation Authority hereby certifies that

**FSTD Number: FB-284
Serial Number: CAE 2R44-312**

A320-200

Located at:

Quadrant Systems Ltd

**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certificate remaining in compliance with the applicable requirements of Part-ORA, unless it has been surrendered, superseded, suspended or revoked.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 02 February 2014
Issue 09 21 October 2019**

Signed:.....
Mr A Bell
Head of FSTD Standards & Flight Test Engineers



United Kingdom Civil Aviation Authority

**FLIGHT SIMULATION TRAINING DEVICE QUALIFICATION CERTIFICATE: FB-284
FSTD SPECIFICATIONS:**

A.	Type or variant of aircraft:	A320-200
B.	FSTD qualification level	Aeroplane FFS Level D
C.	Primary reference document	JAR-STD 1A Amendment 3, July 2003 CS-FSTD (A) Issue 02 , May 2018 for Visual System, UPRT, Icing, High Altitude Stall Event, Full/Post Stall
D.	Visual system:	Rockwell Collins / EP 1000 / 3 projectors / Day-Dawn-Dusk-Night JVC VS2200 / LCoS projectors / 180deg x 40deg / Collimated
E.	Motion system:	CAE / 60 inch / Hydraulic / 6 DOF
F.	Engine fit:	CFM56-5B4 / IAE V2527-A5
G.	Instrument fit:	According to aircraft type (Std 1.3.2)
H.	ACAS fit:	ACAS II, ver 7.1
I.	Windshear:	yes
J.	Additional Capabilities:	UPRT, Icing, High Altitude Stall Event, Full/Post Stall in accordance with CS-FSTD (A) Issue 2, May 2018
K.	Restrictions or limitations	

L.	Guidance information for training, testing and checking considerations				
CAT I	RVR	550m	DH	200ft	yes
CAT II	RVR	300m	DH	100ft	yes
CAT III (lowest minimum)	RVR	75m	DH	no	yes
LVTO	RVR	125m			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 LNAV, RNP APCH LNAV/VNAV, RNP AR APCH				

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Signed:.....
Mr A Bell *PP* *KEITH ROSS*
Head of FSTD Standards & Flight Test Engineers

