



**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: **QD-432**
Serial Number: Lockheed Martin SM SBV 000

B737-800W

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certificate remaining in compliance with the applicable requirements of Part-ORA, unless it has been surrendered, superseded, suspended or revoked.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 04 December 2015
Issue 05 13 December 2017

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



United Kingdom Civil Aviation Authority

FLIGHT SIMULATION TRAINING DEVICE QUALIFICATION CERTIFICATE: QD-432

FSTD SPECIFICATIONS:

A.	Type or variant of aircraft:	B737-800W
B.	FSTD qualification level	Aeroplane FFS Level D
C.	Primary reference document	CS-FSTD (A) Initial Issue, July 2012
D.	Visual system:	Rockwell Collins / EP 8000 / 3 projectors / Day-Dawn-Dusk-Night JVC VS2200 / LCoS projectors / 180deg x 40deg / Collimated
E.	Motion system:	MOOG / 60 inch / Electro Pneumatic / 6 DOF
F.	Engine fit:	CFM56-7B26
G.	Instrument fit:	According to aircraft type BP3.0
H.	ACAS fit:	ACAS II, (ver 7.1)
I.	Windshear:	yes
J.	Additional Capabilities:	yes
K.	Restrictions or limitations	1) Upset Prevention and Recovery Training (UPRT) is only to be conducted within the Validated Training Envelope.

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	200m	DH	ft	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 / n/a
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					n/a
GPS					yes
Other:	RNP APCH LNAV, RNP APCH LNAV/VNAV, RNP AR APCH				

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