



**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: **CT-639**

Serial Number: **L3 Link Simulation & Training UK Ltd L-1644-1**

**B737-800W SFP**

Located at:

**L3 CTS Airline & Academy Training Ltd.**

**L3 London Training Centre  
2-3 Gatwick Road  
Crawley  
West Sussex  
RH10 9BG**

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certificate remaining in compliance with the applicable requirements of Part-ORA, unless it has been surrendered, superseded, suspended or revoked.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 07 March 2017

Issue 08 03 May 2019

Signed:.....

Mr A Bell

Head of FSTD Standards & Flight Test Engineers





**United Kingdom Civil Aviation Authority**

**FLIGHT SIMULATION TRAINING DEVICE QUALIFICATION CERTIFICATE: CT-639  
FSTD SPECIFICATIONS:**

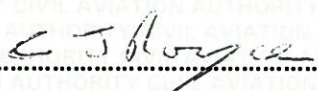
A.	Type or variant of aircraft:	B737-800W SFP
B.	FSTD qualification level	Aeroplane FFS Level D
C.	Primary reference document	CS-FSTD (A) Initial Issue, July 2012
D.	Visual system:	RSI / XT5 / 3 projectors / Day-Dawn-Dusk-Night Sony VPL-GTZ280 (4K) / LCoS projectors / 200deg x 40deg / Collimated
E.	Motion system:	L-3 Link Simulation & Training / 60 inch / Electro-hydraulic / 6 DOF
F.	Engine fit:	CFM56-7B26 / CFM56-7B27
G.	Instrument fit:	According to aircraft type
H.	ACAS fit:	ACAS II, ver 7.1
I.	Windshear:	yes
J.	Additional Capabilities:	None
K.	Restrictions or limitations	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	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, Smoke, IAN (Intergrated Approach Navigation)					

**For the United Kingdom Civil Aviation Authority,**

**Initial Issue 07 March 2017**

**Issue 08 03 May 2019**

Signed:..... 

**Mr A Bell**

**Head of FSTD Standards & Flight Test Engineers**





**United Kingdom Civil Aviation Authority**

**FLIGHT SIMULATION TRAINING DEVICE QUALIFICATION CERTIFICATE: CT-648  
FSTD SPECIFICATIONS:**

A.	Type or variant of aircraft:	B737-800W SFP
B.	FSTD qualification level	Aeroplane FFS Level D
C.	Primary reference document	CS-FSTD (A) Issue 2, May 2018
D.	Visual system:	RSI / XT5 / 3 projectors / Day-Dawn-Dusk-Night Sony VPL-GTK280 / LCoS Projectors / 200deg x 40deg / Collimated
E.	Motion system:	L3 Commercial Training Solutions Ltd / 60 inch / Electro-hydraulic / 6 DOF
F.	Engine fit:	CFM56-7B26 / CFM56-7B27
G.	Instrument fit:	According to aircraft type
H.	ACAS fit:	ACAS II, ver 7.1
I.	Windshear:	yes
J.	Additional Capabilities:	UPRT, Icing, High Altitude Stall Event, Full/Post Stall
K.	Restrictions or limitations	Nil

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, IAN (Intergrated Approach Navigation)				

**For the United Kingdom Civil Aviation Authority,  
Initial Issue      06 March 2019**

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

