



FLIGHT SIMULATION TRAINING DEVICE QUALIFICATION CERTIFICATE

Pursuant to Commission Regulation (EU) No 1178/2011 and subject to the conditions specified below, the European Union Aviation Safety Agency hereby certifies that

FSTD No EU-SE120A

S/N: CAE / 023

Boeing 737-400

Located at

**Institute Of Air Transport Ltd., Sofia Flight Training
Airport Sofia, Institute Of Air Transport Ltd, North Building
1540 Sofia
Bulgaria**

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certificate remaining in compliance with the applicable requirements of Part-ORA, unless it has been surrendered, superseded, suspended or revoked.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 European Union Aviation Safety Agency,

Date of issue: 27.03.2019

**Flavio DE NARDIS
Flight Crew Training Oversight Section Manager**

Note:
The following numbers are listed on the certificate:
EASA current Project Number: 0010031123 - 001


FSTD QUALIFICATION CERTIFICATE: EU-SE120A

FSTD SPECIFICATIONS

A.	Type or variant of aircraft:	Boeing 737-400
B.	FSTD qualification level:	AEROPLANE FFS LEVEL CG
C.	Primary reference document:	FAA AC120-40A, visual system: CS-FSTD(A) initial issue, and refer to section J. & K.
D.	Visual system:	CAE, Tropos 6221XR, LCoS projectors, FOV 180degx40deg
E.	Motion system:	CAE, 60 inch, hydraulic, 6 DOF
F.	Engine fit:	CFM56-3C1 (23.5K, 22K and 20K)
G.	Instrument fit:	According to aircraft type
H.	ACAS fit:	TCAS II (ver. 7.1)
I.	Windshear:	Profiles available
J.	Additional capabilities:	UPRT / High altitude stall event / Icing according to CS-FSTD(A) Issue 2
K.	Restrictions or limitations:	None

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	200 m	DH	50 ft	yes
LVTO	RVR	125 m			yes
Recency					yes
IFR-training / check					yes / yes
Type rating					yes
Proficiency checks					yes
Autocoupled approach					yes
Autoland / roll out guidance					yes / n/a
ACAS I /II					n/a / yes
Windshear warning system / predictive windshear					yes / n/a
WX-radar					yes
HUD / HUGS					n/a / n/a
FANS					n/a
GPWS / EGPWS					n/a / yes
GPS					n/a
ETOPS capability					n/a
Other:	Smoke, RNP APCH limited to: [LNAV, LNAV/VNAV]				

For the European Union Aviation Safety Agency,
Date of issue: 27.03.2019


Flavio DE NARDIS
Flight Crew Training Oversight Section Manager

Note:
 The following numbers are listed on the certificate:
 EASA current Project Number: 0010031123 - 001



FLIGHT SIMULATION TRAINING DEVICE QUALIFICATION CERTIFICATE

Pursuant to Commission Regulation (EU) No 1178/2011 and subject to the conditions specified below, the European Union Aviation Safety Agency hereby certifies that

FSTD No EU-SE120B

S/N: CAE / 023

Boeing 737-500

Located at

**Institute Of Air Transport Ltd., Sofia Flight Training
Airport Sofia, Institute Of Air Transport Ltd, North Building
1540 Sofia
Bulgaria**

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 European Union Aviation Safety Agency,

Date of issue: 28.03.2019


Flavio DE NARDIS
Flight Crew Training Oversight Section Manager

Note:
The following numbers are listed on the certificate:
EASA current Project Number: 0010031121 - 001


FSTD QUALIFICATION CERTIFICATE - 10049452, REV. 6 - Institute Of Air Transport Ltd., Sofia Flight Training
EASA Form 145, Issue 1 - 08/04/2012

FSTD QUALIFICATION CERTIFICATE: EU-SE120B

FSTD SPECIFICATIONS

A.	Type or variant of aircraft:	Boeing 737-500					
B.	FSTD qualification level:	AEROPLANE FFS LEVEL CG					
C.	Primary reference document:	FAA AC120-40A, visual system: CS-FSTD(A) initial issue, and refer to section J. & K.					
D.	Visual system:	CAE, Tropos 6221XR, LCoS projectors, FOV 180degx40deg					
E.	Motion system:	CAE, 60 inch, hydraulic, 6 DOF					
F.	Engine fit:	CFM56-3C1 (20K and 18.5K)					
G.	Instrument fit:	According to aircraft type					
H.	ACAS fit:	TCAS II (ver. 7.1)					
I.	Windshear:	Profiles available					
J.	Additional capabilities:	UPRT / High altitude stall event / Icing according to CS-FSTD(A) Issue 2					
K.	Restrictions or limitations:	No training, testing and/or checking LNAV/VNAV approaches					
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	200	m	DH	50	ft	yes
LVTO	RVR	125	m				yes
Recency							yes
IFR-training / check							yes / yes
Type rating							yes
Proficiency checks							yes
Autocoupled approach							yes
Autoland / roll out guidance							yes / n/a
ACAS I /II							n/a / yes
Windshear warning system / predictive windshear							yes / n/a
WX-radar							yes
HUD / HUGS							n/a / n/a
FANS							n/a
GPWS / EGPWS							n/a / yes
GPS							n/a
ETOPS capability							n/a
Other:	Smoke, no RNP APCH capability						

For the European Union Aviation Safety Agency,
Date of issue: 28.03.2019


Flavio DE NARDIS
Flight Crew Training Oversight Section Manager

Note:
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 EASA current Project Number: 0010031121 - 001