



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-NL188

S/N: Sim-Industries / SM SBV004

Boeing 737-800W

Located at

**Pan Am International Flight Academy
3814 Curtiss Parkway
Virginia Gardens
33166 Miami, Florida
USA**

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certificate remaining in compliance with the applicable requirements of Part-ORA, unless it has been surrendered, superseded, suspended or revoked.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: 02.04.2019

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

Note:
The following numbers are listed on the certificate:
EASA current Project Number: 0010025661 - 001


FSTD QUALIFICATION CERTIFICATE: EU-NL188

FSTD SPECIFICATIONS

A.	Type or variant of aircraft:	Boeing 737-800W
B.	FSTD qualification level:	AEROPLANE FFS LEVEL D
C.	Primary reference document:	JAR-FSTD A initial issue
D.	Visual system:	Rockwell Collins, EP1000, LCoS projectors, FOV 180degx40deg
E.	Motion system:	Moog-FCS, 60 inch, electro-pneumatic, 6 DOF
F.	Engine fit:	CFM56-7B24, CFM56-7B26 and CFM56-7B27
G.	Instrument fit:	According to aircraft type Boeing block point 3.0
H.	ACAS fit:	TCAS II (ver. 7.0)
I.	Windshear:	Profiles available
J.	Additional capabilities:	None
K.	Restrictions or limitations:	1. Cabin Altitude Warning modification (according to Airworthiness Directive AD 2013-02-5) not installed. / 2. ACAS II training, testing and checking limited to scenarios not requiring TCAS version 7.1 logic. / 3. No windshear training testing or checking

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 (partially)
Windshear warning system / predictive windshear							yes / yes
WX-radar							yes
HUD / HUGS							n/a / n/a
FANS							n/a
GPWS / EGPWS							n/a / yes
GPS							yes
ETOPS capability							yes
Other:	RNP APCH: [LNAV, LNAV/VNAV, AR] * ACAS exercises, being part of the list where three mandatory items shall be selected during skill test or proficiency check, cannot be performed (EU1178/2011, appendix 9.B.6-3.6.9)						

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