



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-DK114

S/N: Reflectone Inc. / A320#9

Airbus A320-200

Located at

**Pan Am International Flight Academy
5000 NW 36th Street
33122 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certificate remaining in compliance with the applicable requirements of Part-ORA, unless it has been surrendered, superseded, suspended or revoked.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: 03.04.2019

A handwritten signature in black ink that reads 'Flavio De Nardis'.

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

Note:
The following numbers are listed on the certificate:
EASA current Project Number: 0010025660 - 001

FSTD QUALIFICATION CERTIFICATE - 10046444, REV. 5 - Pan Am International Flight Academy
EASA Form 145, Issue 1 - 08/04/2012

FSTD QUALIFICATION CERTIFICATE: EU-DK114

FSTD SPECIFICATIONS

A.	Type or variant of aircraft:	Airbus A320-200 standard 1.3.1
B.	FSTD qualification level:	AEROPLANE FFS LEVEL D
C.	Primary reference document:	JAR-STD 1A change 1
D.	Visual system:	Evans & Sutherland, ESIG 3350, CRT projectors, FOV 180degx40deg
E.	Motion system:	Reflectone, 60 inch, hydraulic, 6 DOF
F.	Engine fit:	CFM56-5B4 and IAE V2527-A5
G.	Instrument fit:	According to aircraft type Airbus standard 1.3.1
H.	ACAS fit:	TCAS II (ver. 7.0)
I.	Windshear:	Profiles available
J.	Additional capabilities:	None
K.	Restrictions or limitations:	ACAS II training, testing and checking limited to scenarios not requiring TCAS version 7.1 logic

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	75	m	DH	no		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 / yes
ACAS I /II							n/a / yes (partially)
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							yes
ETOPS capability							n/a
Other:	RNP APCH limited to: [LNAV, LNAV/VNAV] * 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)						

For the European Union Aviation Safety Agency,

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