



FLIGHT SIMULATION TRAINING DEVICE QUALIFICATION CERTIFICATE

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

FSTD No EU-A0010

S/N: CAE / 2WBJ-1040

Airbus A320-200

Located at

Alpha Aviation Group - Philippines
1092 Jose Abad Santos Ave.
Clark freeport zone
Pampanga, 2023
Philippines

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certificate remaining in compliance with the applicable requirements of Part-ORA, unless it has been surrendered, superseded, suspended or revoked.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

Date of issue: 13.11.2017


Hans BIRKHOLM
ATO & AeMC Section Manager

Note:
The following numbers are listed on the certificate:
EASA current Project Number: 0010017730 - 001

FSTD QUALIFICATION CERTIFICATE - 10042081, REV. 5 - Alpha Aviation Group - Philippines
EASA Form 145, Issue 1 - 08/04/2012



FSTD QUALIFICATION CERTIFICATE: EU-A0010 FSTD SPECIFICATIONS

A.	Type or variant of aircraft:	Airbus A320-200 standard 1.8.0		
B.	FSTD qualification level:	AEROPLANE FFS LEVEL D		
C.	Primary reference document:	CS-FSTD(A) initial issue		
D.	Visual system:	CAE, Tropes 6000, LCoS projectors, FOV 200degx40deg		
E.	Motion system:	Moog, 60 inch, electric, 6 DOF		
F.	Engine fit:	CFM56-5B4 and IAE V2527-A5		
G.	Instrument fit:	According to aircraft type Airbus standard 1.8.0		
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 / 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 limited to: [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)			

For the European Aviation Safety Agency,

Date of issue: 13.11.2017

Hans BIRKHOLM
ATO & AeMC Section Manager

Note:
The following numbers are listed on the certificate:
EASA current Project Number: 0010017730 - 001

FSTD QUALIFICATION CERTIFICATE - 10042081, REV. 5 - Alpha Aviation Group - Philippines
EASA Form 145, Issue 1 - 08/04/2012