



Republic of the Philippines  
**CIVIL AVIATION AUTHORITY OF THE PHILIPPINES**

## **FLIGHT SIMULATION TRAINING DEVICE QUALIFICATION CERTIFICATE**

**2019-063**

Pursuant to Philippine Civil Aviation Regulations (PCAR) Part 3 and Advisory Circular (AC) No. 02-005 and subject to the conditions specified below, the Civil Aviation Authority of the Philippines (CAAP) hereby certifies that

**STD 1.8 Level "D"**  
**Airbus 320-200 Std. 1.8**  
Serial No. CAE 2WBJ-1040

Located at

**ALPHA AVIATION GROUP (PHILIPPINES), INC.**

N1087 Jose Abad Santos Avenue, Clark Freeport Zone Pampanga 2023 Philippines

Has satisfied the qualification requirements, subject to 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the qualification certificate remaining in compliance with the applicable requirements, unless it has been surrendered, superseded, suspended or revoked.

Date Issued: **January 23, 2025**  
Date of Expiration: **January 31, 2026**

By Authority of the Director General:

*Edgardo J. Diaz*  
**CAPTAIN EDGARDO G. DIAZ**  
Deputy Director General for Operations





**FSTD QUALIFICATION CERTIFICATE: 2019-063**  
**FSTD SPECIFICATIONS**

A	Type or variant of aircraft	Airbus A320-200		
B	FSTD qualification level	AEROPLANE FFS Level D		
C	Primary reference document	CS-FSTD (A) Initial Issue		
D	Visual system	CAE, Tropos 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 FSTD standard 1.8.0		
H	ACAS fit	TCAS II (Ver. 7.1)		
I	Windshear	Profiles Available		
J	Additional capabilities	None		
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 75 m	DH	no	yes
LVTO	RVR 125 m			yes
Recency				yes
IFR-training / check				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
GWPS / EGWPS				n/a / yes
ETOPS capability				yes
GPS				yes
Other	RNP APCH limited to: [LNAV, LNAV/VNAV, AR]			

Approved by:

By Authority of the Director General:

**CAPTAIN EDGARDO G. DIAZ**  
Deputy Director General for Operations

