



**BRUNEI DARUSSALAM
DEPARTMENT OF CIVIL AVIATION
FLIGHT SIMULATION TRAINING DEVICE
USER APPROVAL**

FSTD

AIRBUS 320-271N

A320-214

Ref: BRN-016 SGN

Pursuant to BAR 6 Part ORO FC.145(c), Brunei Department of Civil Aviation hereby grants the use of a flight simulation training device for:

**Royal Brunei Airlines Sdn Bhd
RB Campus, Jalan Kustin,
Terunjing Lama, Berakas, BB2114.
Negara Brunei Darussalam**

**FSTD Operator: BAA Training Vietnam
Code: A320 FFS1**

**BAA Training Vietnam CO. Ltd
99 Le Van Street
Tang Nhon Phu A ward
Thu Duc City
Ho Chi Minh City, Vietnam**

Date: 16 January 2025

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**MOHAMAD AZLAN MOHAMMAD JUNAIDI
Acting Director of Civil Aviation
Department of Civil Aviation
Ministry of Transport and Infocommunications
Negara Brunei Darussalam**

This User Approval shall remain valid subject to the FSTD and the holder of the qualification certificate remaining in compliance with the applicable requirements of Brunei Aviation Requirements, unless it has been surrendered, suspended or revoked. For approval base, content of the user approval, conditions for use and restrictions refer to attached Appendix 1.

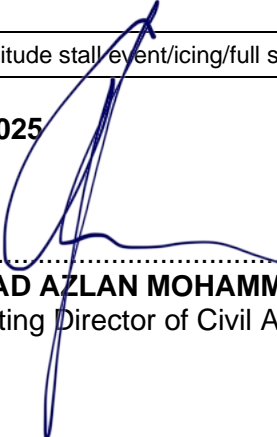
FSTD USER APPROVAL: BRN-016 SGN

FSTD SPECIFICATIONS

A.	Type or variant of aircraft:	Airbus A320-271N Airbus A320-214
B.	FSTD qualification level:	FFS Level D
C.	Primary reference document:	CS-FSTD(A) Issue 2
D.	Visual system:	Collins Aerospace EP-8100 Image Generator, JVC DLA-VS2300 LCoS Projectors, Q4 Supravue collimated mirror, 200x40 degree image
E.	Motion system:	E2M 6-DOF eM6-1400-14000
F.	Engine fit:	PW1127G-JM CFM56-5B4
G.	Instrument fit:	According to aircraft type Airbus standard 2.0
H.	ACAS fit:	TCAS II (ver. 7.1)
I.	Windshear:	Profiles available
J.	Additional capabilities:	Full/Post Stall
K.	Restrictions or limitations:	None
J.	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	RVR 75 m DH no 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 / 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
GPWS / EGPWS		n/a / yes
GPS		yes
ETOPS capability		yes
Other:	Smoke, UPRT/High altitude stall event/icing/full stall according to CS-FSTD(A) issue 2.	

Date of issue: 16 January 2025

Signature:


 MOHAMAD AZLAN MOHAMMAD JUNAIDI
 Acting Director of Civil Aviation



Official Stamp

APPENDIX 1 to User Approval FSTD(A): BRN-016 SGN

1. Approval base

2. Content of the User Approval

- 2.1 Class- or Type Rating
BAR 1-FCL.725 (if applicable)
- 2.2 Class- or Type rating
BAR 1-FCL.740 (if applicable), Validity, Renewal, Extension
- 2.3 Low Visibility Training – training and qualification
BAR 6-OPS 1.450 (AWO: LVTO to 125 m / CAT II)
- 2.4 Recurrent Training and Checking
BAR 6-Part ORO.FC.130
- 2.5 Operation from either Pilots Seat
BAR 6-Part ORO.FC.135
- 2.6 Differences Training
BAR 6-Part ORO.FC.125
- 2.7 Recency of experience
BAR 6-Part ORO.FC.100 & BAR 1-FCL.060 (if applicable)

3. Conditions for use

- 1) The abovementioned Flight Simulation Training Device (FSTD) shall be in a fully functioning condition for the whole period of instructing, training or checking. In exceptional cases, parts of the instructing, training or checking may be performed with restricted function of the FSTD under the strict obligation that a realistic presentation of the remaining FSTD function(s) is/are not affected.
- 2) Defects as mentioned under (1) above, which impair the area of approval, must immediately be notified to Brunei Department of Civil Aviation. The same is true for any significant change on the FSTD.
- 3) Instructing, training or checking personnel (instructors and examiners) must retain written reports to show up details of any instructing, training or checking on the FSTD for evidence reasons. These reports must be stored till the end of the year following the end of the above mentioned - sessions on the FSTD.
- 4) Flight simulation instructing, training or checking personnel shall enter complaints into the "Log-book-system" of the FSTD.
- 5) Any person authorised for instructing, training or checking shall confirm before starting any activity on the FSTD with their signature that the content of this Appendix to the User Approval has been read and acknowledged. This proof of acknowledgement shall be retained and must be stored for a period of three (3) years.
- 6) Instructors, examiners from other Operators, from flight training - type rating organisations or licensed private persons appointed to perform instruction, training or checking, shall be informed before starting their activities about the differences between the aeroplane(s) and the FSTD and in addition about the operating procedures of the Operator.
- 7) The instructing, training or checking - times on the FSTD included briefing / debriefing are to be counted as duty period in accordance with BAR 6 Part ORO Subpart FTL.

APPENDIX 1 to User Approval FSTD(A): BRN-016 SGN (cont.)

- 8) The use of the FSTD shall be according to the instructing, training or checking syllabus of Operators within their Operations and Training Manual approved by the Brunei Darussalam Department of Civil Aviation.
- 9) Operator relevant Operations and Training manuals and checklists shall be used for the instructing, training, or checking and be available at the FSTD.
- 10) Instructing, training, or checking under low visibility conditions (LVO) as CAT II/III, LVTO below 400m RVR): It must be assured that operating procedures with regards to “Crew Coordination” under the above mentioned LVO-conditions are also applied in the FSTD. Therefore, for every LVO-training and every LVO-checking the crew must be composed consisting of crew members of the operator.
- 11) It must be ensured that the differences between FSTD and aeroplane(s) used by Operator are presented on an “Aeroplane / FSTD-Configuration Differences List”, which shall be part of information of the flight simulation instructing, training or checking personnel. In cases, where the operating procedures of Operator are not fully applicable on the FSTD, a written statement of the differences shall be created and be part of the Operations Manual Part D.
- 12) For Operators Proficiency Checks (OPC) and / or airport qualifications in the FSTD installed FMS-FMGS/RNAV Database of Organisation Flight must be updated to the current printed or Electronic Flight Bag (EFB) version.
- 13) The validity of this User Approval will remain in effect whilst the certification granted by the issuing Authority of the FSTD is still valid, unless surrendered, superseded, suspended or revoked. Any change in the content of this basic certificate will lead to a new simulator user approval process and it is the operator’s responsibility to have a track on the validity, revision, and contents of the FSTD.
- 14) This User Approval shall be valid for a period of **twelve (12) months** from the date of issue unless otherwise amended by the Brunei Darussalam Department of Civil Aviation.

4. Restrictions

- (4.1) Class- or Type rating
no restrictions
- (4.2) Class- or Type rating – Validity, Renewal, Extension
no restrictions
- (4.3) Low Visibility Operation – training and qualification
no restrictions
- (4.4) Recurrent Training and Checking
no restrictions
- (4.5) Operation from either Pilots Seat (RHS)
no restrictions
- (4.6) Differences Training
no restrictions
- (4.7) Recency of experience
no restrictions