

**European Union**

**Finnish Transport and Communications Agency (Traficom)**

**FLIGHT SIMULATION TRAINING DEVICE (FSTD)  
QUALIFICATION CERTIFICATE FI-3A-223A**

Pursuant to Commission Regulation (EU) No 1178/2011 and subject to the conditions specified below, the Finnish Transport and Communications Agency (Traficom) hereby certifies that

<b>FSTD level</b>	<b>FNPT II MCC</b>
<b>Simulated A/C type</b>	<b>Generic twin-engine turbo-jet airplane, representative of A320-200</b>
FSTD manufacturer	Multi Pilot Simulations B.V.
Serial number	MPS-A223
Located at	Finnish Aviation Academy Pori Airport Ilmailuopistontie 184 28540 Pori FINLAND

has satisfied the qualification requirements prescribed in Part-ORA, subject to the conditions of the attached FSTD specification.

This qualification certificate shall remain valid subject to the FSTD and other holder of the qualification certificate remaining in compliance with the applicable requirements of Part-ORA, unless it has been surrendered, superseded, suspended or revoked.

Date of issue	19 Jan 2023
Signature on behalf of Traficom	
Clarification of the signature	Olli Hänninen
Title	Senior Inspector, Flight Simulators



**FLIGHT SIMULATION TRAINING DEVICE (FSTD)**

**QUALIFICATION CERTIFICATE FI-3A-223A, FSTD SPECIFICATIONS, Page 1 of 2**

A) Type or variant of aircraft	Generic twin-engine turbo-jet airplane, representative of A320-200
B) FSTD qualification level	FNPT II MCC
C) Primary reference document	CS-FSTD(A) issue 2
D) Visual system	RSI Raster XT 5 image generator, FoV 200° x 40°, collimated, three channels, Barco F80 DLP projectors
E) Motion system	N/A
F) Engine fit	2 x generic turbofan engines, representative of CFM 56-5B4
G) Instrument fit	Instrument fit is Airbus Training Device Standard (STD) 2.0
H) ACAS fit	TCAS II ver 7.1
I) Windshear	Yes (profiles are available)
J) Additional capabilities	<ul style="list-style-type: none"><li>• Qualified to levels FTD 1 (FI-2A-223A) and FNPT II MCC</li><li>• RNP APCH to LNAV minima and LNAV/VNAV (APV-Baro/VNAV) minima</li><li>• RNAV-5, RNAV-1</li><li>• ADS-B</li><li>• Backup Speed Scale</li><li>• AP/FD TCAS mode</li></ul>
K) Restrictions or limitations	N/A

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**FLIGHT SIMULATION TRAINING DEVICE (FSTD)**

**QUALIFICATION CERTIFICATE FI-3A-223A, FSTD SPECIFICATIONS, Page 2 of 2**

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	N/A
CAT III (lowest minimum)		N/A
LVTO		N/A
Recency		N/A
IFR-training / IFR-checks		Yes / Yes, partially
Type rating		Yes, partially (note: qualified also as FTD 1)
Proficiency checks		Yes, partially
Autocoupled approach		Yes
Autoland / Roll out guidance		Yes / Yes
ACAS I / II		N/A / Yes (TCAS II, ver 7.1)
Windshear warning system / predictive windshear		Yes / Yes
WX-radar		Yes (generic WXR)
HUD / HUGS		N/A / N/A
FANS		N/A
GPWS / EGPWS		Yes / Yes
ETOPS capability		N/A
GPS		Yes
Other		See item J above. For rows with 'partially', see applicable training requirements.

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