

European Union

Finnish Transport and Communications Agency (Traficom)

**FLIGHT SIMULATION TRAINING DEVICE (FSTD)
QUALIFICATION CERTIFICATE FI-3A-216**

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

FSTD level

FNPT II MCC

Simulated A/C type

**Generic twin-engine turboprop airplane,
representative of Beechcraft Super King Air 300**

FSTD manufacturer

Frasca International, Inc.

Serial number

6332-001

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certificate remaining in compliance with the applicable requirements of Part-ORA, unless it has been surrendered, superseded, suspended or revoked.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

13 April 2022

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-216, FSTD SPECIFICATIONS, Page 1 of 2

A) Type or variant of aircraft	Generic twin-engine turboprop airplane, representative of Beechcraft Super King Air 300
B) FSTD qualification level	FNPT II MCC
C) Primary reference document	JAR-STD 3A change 1
D) Visual system	Frasca International Inc. FVS-200TX image generator, 3 channels, FoV horizontal 220° vertical 59°, spherical screen, LCoS projectors, day/twilight/night
E) Motion system	No
F) Engine fit	2 x turboprop engines with constant speed propellers, representative of Pratt & Whitney Canada PT6A-60
G) Instrument fit	<ul style="list-style-type: none">• EFIS: Collins EFIS-85B (2 x EADI, 2 x EHSI) and MFD-85C (simulated, displayed by LCD panels with overlays)• 2 x AP and FD: Collins FCS-65 (simulated)• Air Data System: Collins ADS-80 (simulated)• NAV/COM: Collins Pro Line II (simulated)• ADF: Collins ADF-60 (simulated)• 2 x RMI (2 pointers selectable for NAV 1/2 and ADF 1/2)
H) ACAS fit	A simplified simulated TCAS based on TCAS II ver 6.04 (e.g. only some RAs are simulated) suitable only for introduction to TCAS.
I) Windshear	No
J) Additional capabilities	Qualified to levels FTD 2 (see FI-2A-216) and FNPT II MCC
K) Restrictions or limitations	Terrain avoidance and warning system shall be used only at LOWI and inhibited at all other locations.

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**FLIGHT SIMULATION TRAINING DEVICE (FSTD)
QUALIFICATION CERTIFICATE FI-3A-216, 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 2)
Proficiency checks			Yes, partially
Autocoupled approach			Yes
Autoland / Roll out guidance			N/A / N/A
ACAS I / II			N/A / Yes, partially (see item H)
Windshear warning system / predictive windshear			N/A / N/A
WX-radar			Yes
HUD / HUGS			N/A / N/A
FANS			N/A
GPWS / EGPWS			Yes (see item K) / N/A
ETOPS capability			N/A
GPS			No
Other			N/A

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