



European Union

Finnish Transport Safety Agency (Trafi)

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 Safety Agency (Trafi) hereby certifies that

FSTD level	FNPT II
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 Ilmailuopistontie 184 FI-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certificate remaining in compliance with the applicable requirements of Part-ORA, unless it has been surrendered, superseded, suspended or revoked.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	12 June 2018
Signature on behalf of Trafi	
Clarification of the signature	Olli Hänninen
Title	Senior Inspector, Flight Simulators



EASA Form 145 Issue 1


Finnish Transport Safety Agency

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Business ID: 1031715-9

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
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, Sanyo PLC-XU305A 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)• Trimble 2101 Plus GPS for en-route navigation only
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. See latest evaluation report.
I) Windshear	No
J) Additional capabilities	Qualified to levels FTD 1 (see FI-2A-216) and FNPT II
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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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 (as approved by Part-FCL)
Type rating			Yes (as approved by Part-FCL, note: qualified also as FTD 2)
Proficiency checks			Yes (as approved by Part-FCL)
Autocoupled approach			Yes
Autoland / Roll out guidance			N/A / N/A
ACAS I / II			N/A / Yes partly (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 / N/A (A simplified system with terrain data display. See item K.)
ETOPS capability			N/A
GPS			Yes
Other			N/A

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Olli Hänninen

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