



European Union

Finnish Transport Safety Agency (Trafif)

**FLIGHT SIMULATION TRAINING DEVICE (FSTD)
QUALIFICATION CERTIFICATE FI-3A-342**

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

FSTD level

Simulated A/C type

FSTD manufacturer

Serial number

FNPT II

Generic Multi-Engine Piston

Diamond Simulation GmbH & Co. KG

D-SIM-DA42-NG-9031

Located at

Aeropole Oy
Karhumäentie 12
FI-01530 Vantaa
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certificate remaining in compliance with the applicable requirements of Part-ORA, unless it has been surrendered, superseded, suspended or revoked.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 March 2018

Signature on behalf of Trafif

Clarification of the signature

Olli Hänninen

Title

Senior Inspector, Flight Simulators



FLIGHT SIMULATION TRAINING DEVICE (FSTD)**QUALIFICATION CERTIFICATE FI-3A-342, FSTD SPECIFICATIONS, Page 1 of 2**

A) Type or variant of aircraft	Generic Multi-Engine Piston (representative of Diamond DA42-TDI)
B) FSTD qualification level	FNPT II
C) Primary reference document	JAR-FSTD A initial issue
D) Visual system	CAE Tropos 1000, 3 channels, FoV 200° x 35°, cylindrical screen, direct projection, Epson EH-TW5350 projectors
E) Motion system	No
F) Engine fit	2 x FADEC controlled generic turbocharged TDI piston engines (representative of Thielert TAE-125), constant speed propellers
G) Instrument fit	<ul style="list-style-type: none">• Garmin G1000 integrated avionics (PFD and MFD), software version 0370.20 with electronic checklists• 1 x ADF• 1 x DME• Mode S transponder• Standby instruments
H) ACAS fit	No
I) Windshear	No profiles are available
J) Additional capabilities	<ul style="list-style-type: none">• 2 x GPS• B-RNAV (RNAV-5)• Non-precision RNAV approach (LNAV only)
K) Restrictions or limitations	Autopilot is installed, but is not operating correctly and is therefore not qualified.

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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			N/A
Proficiency checks			Yes (as approved by Part-FCL)
Autocoupled approach			No
Autoland / Roll out guidance			N/A / N/A
ACAS I / II			N/A / N/A
Windshear warning system / predictive windshear			N/A / N/A
WX-radar			N/A
HUD / HUGS			N/A / N/A
FANS			N/A
GPWS / EGPWS			N/A / N/A
ETOPS capability			N/A
GPS			Yes
Other			See item J) ahead

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