

**European Union**

**Finnish Transport Safety Agency (Trafi)**

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certificate remaining in compliance with the applicable requirements of Part-ORA, unless it has been surrendered, superseded, suspended or revoked.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

8 May 2018

Signature on behalf of Trafi



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<br>(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"><li>Garmin G1000 integrated avionics (PFD and MFD), software version 0370.20 with electronic checklists</li><li>1 x ADF</li><li>1 x DME</li><li>Mode S transponder</li><li>Standby instruments</li></ul>   |
| H) ACAS fit                    | N/A  |
| I) Windshear                   | No profiles are available  |
| J) Additional capabilities     | <ul style="list-style-type: none"><li>Autopilot (2 axis with altitude preselect), to be used only for all engines operating. Note that the autopilot system does not move the control stick laterally.</li><li>2 x GPS</li><li>B-RNAV (RNAV-5)</li><li>Non-precision RNAV approach (LNAV only)</li></ul> |
| K) Restrictions or limitations | N/A  |

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**QUALIFICATION CERTIFICATE FI-3A-342, 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                                     |           |           | N/A                                 |
| Proficiency checks                              |           |           | Yes (as approved by Part-FCL)       |
| Autocoupled approach                            |           |           | Yes                                 |
| 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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