

## European Union

## Finnish Transport and Communications Agency (Traficom)

### FLIGHT SIMULATION TRAINING DEVICE (FSTD)

### QUALIFICATION CERTIFICATE FI-1A-017


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>Full Flight Simulator, Level D</b>
<b>Simulated A/C type</b>	<b>Airbus A350-941</b>
FSTD manufacturer	CAE Inc.
Serial number	109975-1391

Located at	Finnair Plc Pyhtäänkorventie 11-13 01530 Vantaa FINLAND
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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certificate remaining in compliance with the applicable requirements of Part-ORA, unless it has been surrendered, superseded, suspended or revoked.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	5 June 2020
Signature on behalf of Traficom	
Clarification of the signature	Olli Hänninen
Title	Senior Inspector, Flight Simulators



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### QUALIFICATION CERTIFICATE FI-1A-017, FSTD SPECIFICATIONS, Page 1 of 2

A) Type or variant of aircraft	Airbus A350-941
B) FSTD qualification level	Full Flight Simulator, Level D
C) Primary reference document	CS-FSTD(A) issue 2
D) Visual system	CAE Tropos 6000XR image generator, FoV 200°x40°, collimated, Barco FL35 LED projectors
E) Motion system	6 degrees of freedom, electric, MOOG 2nd generation, 60 inches
F) Engine fit	Rolls Royce Trent XWB-84 FADEC L4.2.2
G) Instrument fit	Instrument fit is Airbus Training Device Standard 1.2
H) ACAS fit	TCAS II ver. 7.1
I) Windshear	Windshear profiles are available, windshear warning, Predictive windshear system (PWS)
J) Additional capabilities	<ul style="list-style-type: none"><li>• UPRT, approach-to-stall, high altitude stall event and icing in accordance with CS-FSTD(A) issue 2</li><li>• RNP APCH to LNAV and LNAV/VNAV minima</li><li>• SBAS (via SLS) and GLS approaches</li><li>• RNP AR approach to RNP 0.1 minima including RF legs</li></ul>
K) Restrictions or limitations	N/A
Date of issue	5 June 2020
Signature on behalf of Traficom	
Clarification of the signature	Olli Hänninen
Title	Senior Inspector, Flight Simulators



## FLIGHT SIMULATION TRAINING DEVICE (FSTD)

### QUALIFICATION CERTIFICATE FI-1A-017, 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	Yes
CAT III (lowest minimum)	RVR 75 m	no DH	Yes
LVTO	RVR 125 m		Yes
Recency			Yes
IFR-training / IFR-checks			Yes / Yes
Type rating			Yes
Proficiency checks			Yes
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
HUD / HUGS			N/A / N/A
FANS			No
GPWS / EGPWS			Yes / Yes
ETOPS capability			Yes
GPS			Yes (2 installed)
Other			See item J above

Date of issue

5 June 2020

Signature on behalf of Traficom

Clarification of the signature

Olli Hänninen

Title

Senior Inspector, Flight Simulators

