

European Union

Finnish Transport and Communications Agency (Traficom)


**FLIGHT SIMULATION TRAINING DEVICE (FSTD)
QUALIFICATION CERTIFICATE FI-3H-252H**

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 multi-engine turbine helicopter, representative of Eurocopter EC135 P2+
FSTD manufacturer	Frasca International Inc.
Serial number	7417-001
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certificate remaining in compliance with the applicable requirements of Part-ORA, unless it has been surrendered, superseded, suspended or revoked.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	8 October 2019
Signature on behalf of Traficom	
Clarification of the signature	Olli Hänninen
Title	Senior Inspector, Flight Simulators



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A) Type or variant of aircraft	Generic multi-engine turbine helicopter, representative of Eurocopter EC135 P2+ (high skids)
B) FSTD qualification level	FNPT II MCC, Qualified also for type specific level FTD 3 MCC (FI-2H-252)
C) Primary reference document	JAR-STD 3H initial issue
D) Visual system	Frasca International Inc., TruVision Global 2 image generator, 6 channels, spherical screen, direct projection, JVC VS-2300Z LCoS projectors, FoV horizontal 200° and vertical 68°, day/twilight/night
E) Motion system	No
F) Engine fit	2 x Generic FADEC controlled turbine engines, representative of Pratt & Whitney Canada PW206B2
G) Instrument fit	<ul style="list-style-type: none"> • PINAO 31111 and Solution 7 (see Eurocopter technical data document 135.04.101.02E) with 1 x ADF • 2 x Garmin GNS 430 (for both GPS and NAV/COM) • Displayed by LCD panel with overlay: <ul style="list-style-type: none"> ▪ 2 x PFD ▪ 2 x ND ▪ CAD (Caution and Advisory Display) ▪ Thales SMD45 dual screen VEMD (Vehicle and Engine Management Display)
H) ACAS fit	ACAS I, Avidyne TAS600 with Garmin GNS 430 as display interface
I) Windshear	No profiles are available
J) Additional capabilities	<ul style="list-style-type: none"> • B-RNAV (RNAV-5), P-RNAV (RNAV-1) • RNAV (GNSS) approach to LNAV minima only • Weather Radar
K) Restrictions or limitations	No
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L) Guidance information for training, testing and checking considerations

CAT I	RVR 500 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 3)
Proficiency checks			Yes, partially
Autocoupled approach			Yes (3-axis autopilot)
Autoland / Roll out guidance			N/A / N/A
ACAS I / II			Yes / N/A
Windshear warning system / predictive windshear			N/A / N/A
WX-radar			Yes
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

Date of issue

8 October 2019

Signature on behalf of Traficom



Clarification of the signature

Olli Hänninen

Title

Senior Inspector, Flight Simulators

