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DSAC

DIRECTION GÉNÉRALE DE L'AVIATION CIVILE
FRENCH CIVIL AVIATION AUTHORITY

**CERTIFICAT DE QUALIFICATION DU SIMULATEUR
D'ENTRAÎNEMENT AU VOL**

FLIGHT SIMULATION TRAINING DEVICE QUALIFICATION CERTIFICATE

FR-2106

En vertu du règlement (UE) n° 1178/2011 de la Commission et sous réserve des conditions spécifiées ci-dessous, la Direction Générale de l'Aviation Civile certifie par la présente que

Pursuant to Commission Regulation (EU) N° 1178/2011 and subject to the conditions specified below, the French Civil Aviation Authority hereby certifies that

EC 135 T2+

Situé à: HELI UNION TRAINING CENTER – Angoulême Cognac Airport - France

Located at:

a satisfait aux exigences de la qualification de la partie ORA, sous réserve des conditions de la spécification du FSTD en pièce jointe.

Has satisfied the qualification requirements prescribed in Part-ORA, subject to the conditions of the attached FSTD specifications.

Le présent certificat reste valide sous réserve que le FSTD et le titulaire du certificat de qualification continuent de satisfaire aux exigences applicables de la partie ORA, pour autant qu'il n'ait pas été restitué, annulé et remplacé, suspendu ou révoqué.

This qualification certificate shall remain valid subject to the FSTD and the 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certificate remaining in compliance with the applicable requirements of Part-ORA, unless it has been surrendered, superseded, suspended or revoked.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 de délivrance:

Date of issue:

02 juillet 2018

02 July 2018

Pour la DGAC:

For the French Civil Aviation Authority:

Pour le ministre et par délégation
Le chef de service
formation, écoles et simulateurs

Bruno HALLER



DIRECTION GÉNÉRALE DE L'AVIATION CIVILE
FRENCH CIVIL AVIATION AUTHORITY

**CERTIFICAT DE QUALIFICATION DU SIMULATEUR
D'ENTRAINEMENT AU VOL FR-2016**

FLIGHT SIMULATION TRAINING DEVICE QUALIFICATION CERTIFICATE

FSTD SPECIFICATIONS – SERIAL NUMBER : 046

A.	Type or variant of helicopter	EC135T2+
B.	FSTD qualification level	FTD level 2
C.	Primary reference document	CS FSTD (H)
D.	Visual system	PRESAGIS / Terravista / 5 channels / Day, dawn, dusk, night BARCO / F50 series / 200° x 70° / Not collimated
E.	Motion system (Vibration platform)	4 D-BOX actuators / 1,5 inch / Electric / 3 DoF
F.	Engine fit	ARRIUS 2B2
G.	Instrument fit	CPDS PFD/ND
H.	ACAS	ACAS 1
I.	Windshear profile available	N/A
J.	Additional capabilities	Nil
K.	Restrictions or limitations	Nil

L.	Guidance information for training, testing and checking considerations				
CAT I	RVR	500 m	DH	200 ft	YES
CAT II	RVR	-- m	DH	-- ft	N/A
LVTO	RVR	150 m			YES
Recency					N/A
IFR Training / check					YES / YES
Type rating					YES
Proficiency checks					N/A
Autocoupled approach					YES
ACAS I/II					YES / N/A
WX-Radar					YES
GPWS / EGPWS					N/A / N/A
Airborne Radar Approach (ARA)					YES
Night Vision Imaging System (NVIS)					N/A
Ditching					YES
Ship Landing					YES
Rig Landing					YES
Elevated Platform Landing					YES
RNP APCH LNAV					YES
RNP APCH LNAV/VNAV					YES
RNP APCH LPV					YES
RNP AR APCH					N/A
Other : Nil.					

Date de délivrance:

Date of issue:

02 juillet 2018

02 July 2018

Pour la DGAC:

For the French Civil Aviation Authority:

Pour le ministre et par délégation:
Le chef du pôle
formation, écoles et simulateurs



Bruno HALLER




Date: 14 & 15 June 2018

DGAC FSTD EVALUATION REPORT

DGAC FSTD code : FR-2106
Helicopter Type and Variant : EC135T2+
Engine Fit(s) Simulated : ARRIUS 2B2

Contents

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1. Flight simulation training device (FSTD)	
(a) Organisation operating the FSTD : HELI UNION TRAINING CENTER	
(b) FSTD location : Angoulême Cognac Airport - France	
(c) FSTD Identification (Member state FSTD code/ EASA FSTD code) : FR-2106	
(d) FSTD Manufacturer and FSTD Identification serial number : ENTROL S/N 046	
(e) First entry into service (month/year) : June 2017	
(f) Visual system (manufacturer and type) : PRESAGIS / Terravista / 5 channels / Day, dawn, dusk, night BARCO / F50 series / 200° x 70° / Not collimated	
(g) Motion system (manufacturer and type) : Vibration platform: 4 D-BOX actuators / 1,5 inch / Electric / 3 DoF	
(h) Aircraft type and variant : EC135T2+ with AFCS APM 2000	
(i) Engine fit(s) : ARRIUS 2B2	
(j) Engine instrumentation : CPDS Flight instrumentation : PFD / ND	

2. Evaluation detail	
(a) Date of evaluation : 14 & 15 June 2018	(b) Date of previous evaluation : 20 & 21 June 2017
(c) TYPE OF EVALUATION : <input type="checkbox"/> initial <input checked="" type="checkbox"/> recurrent <input type="checkbox"/> special	
(d) FSTD QUALIFICATION LEVEL RECOMMENDED	
FFS	<input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> AG <input type="checkbox"/> BG <input type="checkbox"/> CG <input type="checkbox"/> DG <input type="checkbox"/> SC
FTD	<input type="checkbox"/> I <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3
FNPT	<input type="checkbox"/> I <input type="checkbox"/> II <input type="checkbox"/> III <input type="checkbox"/> MCC
BITD	<input type="checkbox"/>
Technical criteria primary reference document: CS FSTD (H), Initial Issue	
Validation data roadmap (VDR) ID-No: ENTROL.FTD.H11.2017	

3. Supplementary Information	
Company representative(s) (FSTD operator, Main FSTD user)	Hervé MAUGIS (Head of HUTC), Vanessa MARTIN (CMM), Frédéric BRIGANT (Head of sim maintenance), Grégory SCAILLIEREZ (HT) Jawade RHAYATI (Sim technician), Mathieu THILL (Sim technician), Damien GENNARI (Sim technician)
FSTD seats available	2 + 3
Visual databases used during evaluation	LFBU (10-28), LFMP (33), LFBX (29), Oilrig (HUTC), Aircraft carrier
Other	Software load reference/revision currently used in training: v2.15
Flight Time	3h30

4. Training, testing and checking considerations			
CAT I	RVR 500 m	DH 200 ft	YES
CAT II	RVR - m	DH - ft	N/A
LVTO	RVR 150 m		YES
Recency			N/A
IFR Training / checks			YES / YES
Type rating			YES
Proficiency Checks			N/A
Autocoupled approach			YES
ACAS I/II			YES / N/A
WX-Radar			YES
GPWS / EGPWS			N/A / N/A
Airborne Radar Approach (ARA)			YES
Night Vision Imaging System (NVIS)			N/A
Ditching			YES
Ship Landing			YES
Rig Landing			YES
Elevated Platform Landing			YES
RNP APCH LNAV			YES
RNP APCH LNAV/VNAV			YES
RNP APCH LPV			YES
RNP AR APCH			N/A
Other: Nil			