

Hrvatska agencija za civilno zrakoplovstvo / Croatian Civil Aviation Agency
Zagreb, Ulica grada Vukovara 284
Tel.: +385 1 2369 300; Fax.: +385 1 2369 301
e-mail: ccaa@ccaa.hr

Notes:

- a) This application shall be completed only for one FSTD (one FSTD qualification certificate number/code) which is then checked for adequacy to be used for particular training course.
- b) Attach „Aircraft vs. FSTD configuration difference list “ which shall be completed only for one FSTD (one FSTD qualification certificate number/code) and only for one aircraft (one aircraft with particular registration marks).
- c) The FSTD Operator is the organisation to which the FSTD Qualification Certificate has been issued.
- d) The FSTD User is the organization which intends to use FSTD for Part-FCL training course.
- e) The FSTD Users should note that the Qualification Certificate for an FNPT or BITD under CS-FSTD A/H does not automatically mean that the device can be used for training.
- f) CCAA Inspector may be required to visit the FSTD for the purpose of evaluating the device for training and testing.

Section 1 - FSTD Operator	
FSTD qualification certificate number/code	
Simulated Aircraft Type/Class	
FSTD Operator	

Section 2 - FSTD User			
Organisation			
Address			
Telephone		e-mail	
A/C registration number			
Aircraft Type/Class			

Type of FSTD to be used for Part-FCL purpose (Please, tick as appropriate)		Qualification Level (Please circle, as applicable)			
		A	B	C	D
<input type="checkbox"/> Full Flight Simulator	(FFS)				
<input type="checkbox"/> Flight Training Device	(FTD)	1	2		
<input type="checkbox"/> Flight and Navigation Procedures Trainer	(FNPT)	I	II	II MCC	
<input type="checkbox"/> Basic Instrument Training Device	(BITD)				

Section 3 – Please, mark for which Part-FCL training course the FSTD is intended to be used:				
CHECK FSTD SPECIFICATION as appropriate	Please mark, as appropriate	To be completed by CCAA Inspector		
		S	U	N/A
PPL (A) according to FCL.210.A	<input type="checkbox"/>			
Flight Instruction for ATP(A) integrated course according to Appendix 3 to Part-FCL (A. ATP integrated course – Aeroplanes; 9. Flying training)	<input type="checkbox"/>			
Flight Instruction for CPL/IR(A) integrated course according to Appendix 3 to Part-FCL (C. CPL integrated course – Aeroplanes; 8. Flying training)	<input type="checkbox"/>			
Flight Instruction for CPL(A) modular course according to Appendix 3 to Part-FCL (E. CPL modular course – Aeroplanes; 8. Flying training)	<input type="checkbox"/>			
Flight Instruction for CPL(A) modular course according to Appendix 3 to Part-FCL (C. CPL/IR integrated course – Aeroplanes; 8. Flying training)	<input type="checkbox"/>			
Integrated MPL training course according to Appendix 5 to Part-FCL	<input type="checkbox"/>			
IR(A) modular flying training course according to Appendix 6 to Part-FCL	<input type="checkbox"/>			
Class rating according to Subpart H of Part-FCL	<input type="checkbox"/>			
Type rating according to Subpart H of Part FCL	<input type="checkbox"/>			
Multi-crew cooperation training course (MCC (A)) according to Subpart H, Section 2, FCL.735.A	<input type="checkbox"/>			
Zero flight time type rating (ZFTT) course – aeroplanes – according to Subpart H, Section 2, FCL.730.A	<input type="checkbox"/>			
FI course according to FCL.930.FI	<input type="checkbox"/>			
TRI course according to FCL.930.TRI	<input type="checkbox"/>			
IRI course according to FCL.930.IRI	<input type="checkbox"/>			
SFI course according to FCL.930.SFI	<input type="checkbox"/>			
MCCI course according to FCL.930.MCCI	<input type="checkbox"/>			
STI course according to FCL.930.STI	<input type="checkbox"/>			
Windshear	<input type="checkbox"/>			
EGPWS – enhanced ground proximity warning system	<input type="checkbox"/>			
TCAS (ACAS)	<input type="checkbox"/>			
Others (if applicable)	<input type="checkbox"/>			
	<input type="checkbox"/>			
	<input type="checkbox"/>			
	<input type="checkbox"/>			
	<input type="checkbox"/>			
	<input type="checkbox"/>			
	<input type="checkbox"/>			
	<input type="checkbox"/>			

Section 4 - Appendices

FSTD Qualification Certificate and its specification

Operations manual and/or relevant Training course with the description of the following:

„The ATO shall only provide training in FSTDs when it demonstrates to the CCAA:

- (1) the adequacy between the FSTD specifications and the related training programme;
- (2) that the FSTDs used comply with the relevant requirements of Part-FCL;
- (3) in the case of full flight simulators (FFSs), that the FFS adequately represents the relevant type of aircraft; and
- (4) that it has put in place a system to adequately monitor changes to the FSTD and to ensure that those changes do not affect the adequacy of the training programme.

Each FSTD is to be equipped as required in the training specifications concerning the course in which it will be used.

Proof of availability of FSTD for Part-FCL training purposes (e.g. contract with FSTD operator) – as appropriate

Latest FSTD evaluation report (if FSTD not certified by CCAA)

Proof of Differences between Aircraft actually used by organisation and the FSTD with special regard to Engines, Instrumentation (NAV Systems), FMS including database, Performance criteria (Mass & Balance), Fuel system, etc.

Use „Aircraft vs. FSTD configuration difference list“ below or any other form to identify differences. If there are differences, ATO must describe in its manuals how these differences will be overcome.

When comparing particular FSTD with each specific aircraft registration – note that for each specific aircraft registration „Aircraft vs. FSTD configuration difference list“ shall be completed separately (taking into account particular training course to be performed on this particular FSTD).

- Use additional sheets, as necessary, for detailing each identified influence/s due to difference/s or any other note/remarks for each ATA chapter and detail the notes/difference/remark and its methods for each ATA chapter (There may be more than one difference/note/remark for one ATA chapter).

Organisation :				Compliance Levels		
FSTD qualification certificate number/code:						
Simulated Aircraft type/class (FSTD):						
Aircraft type/class & A/C registration number:						
ATA Chapter	Differences & Consequences	Flight Characteristic (YES/NO)	Proc Changes (YES/NO)	Training (A, B, C, D, N/A)	Checking (A, B, C, D, N/A)	Note
01 General	FSTD:					
	A/C:					
21 Airconditioning	FSTD:					
	A/C:					
22 Autoflight	FSTD:					
	A/C:					
23 Communication	FSTD:					
	A/C:					
24 Electrical power	FSTD:					
	A/C:					
25 Equipment & Furniture	FSTD :					
	A/C:					
26 Fire	FSTD :					
	A/C:					
27 Flight Controls	FSTD :					
	A/C:					
28 Fuel	FSTD:					
	A/C:					
29 Hydraulic Power	FSTD:					
	A/C:					
31 Instruments / Recorders	FSTD :					
	A/C:					
32 Landing gear	FSTD :					
	A/C:					
33 Lighting	FSTD :					
	A/C:					
34 Navigation	FSTD:					
	A/C:					
35 Oxygen	FSTD:					
	A/C:					
36 Pneumatics	FSTD:					
	A/C:					
49 APU	FSTD:					
	A/C:					
52 Doors	FSTD:					
	A/C:					
71 Power plant, etc.	FSTD:					
	A/C:					

Compliance Levels:

Level A differences

- **No** Influence on flight characteristic
- **No** Influence on procedures (Normal and/or abnormal)
- Differences in presentation
- Differences in operation

Method: Self-instruction via AOM or bulletin

Level B differences

- **No** influence on flight characteristics
- Influence on procedures (normal and/or abnormal)
- Eventually differences in presentation and operation

Method: Bulletin, Computer Based Training, system device training or special instruction by Instructor

Level C differences

- Influence on flight characteristics
- Influence on procedures (normal and/or abnormal)
- Eventually differences in presentation and operation.

Method: Special instruction by instructor, a selected partial training on another STD or airplane or a waiver because of previous experience, special instruction or training program

Level D differences

- Influence on flight characteristics **and/or**
- Influence on procedures (normal and/or abnormal) **and/or**
- Differences in presentation and/or operation **and**
- STD is JAR-FSTD level D qualified and is used for ZFTT

Method: A selected partial training on another FSTD or airplane or a waiver because of previous experience, special instruction or training program

Note:

An approval is given to each FSTD user for the use of a device in their training, testing, and checking programmes. The adequacy between the device (airplane configuration, training capacity) and the intended use of it must be carefully taken into account. Elements to be considered:

Technical aspects: Level of qualification, FSTD System limitations (visual, motion, ...), FSTD long term restrictions (unserviceabilities, updates, ...), basic simulated aircraft cockpit (foreign certifications, equipment, ...), etc.

Training aspects: Simulated aircraft configuration (variants, additional equipment), data revision (avionics, flight controls, navigation, ...), training airports, Instructor controls (visual, units of measurement, lesson plans, malfunctions, ...), etc.

Instructions:

- **Flight Characteristic** column - state any influence in flight Characteristic due to the difference. Please fill in „YES“ if any difference and „NO“ if no difference exists.

- **Proc. Changes** column - state any influence in Procedures due to the difference. Please fill in „YES“ if any difference and „NO“ if no difference exists.

Name & Surname: (Block Capitals)		Signature:	
Position within the Organisation:	Head of training (HT)	Date :	

CCAA inspector verifies that above FSTD complies with ORA.ATO.135 requirements of Commission Regulation (EU) No 1178/2011 and its amendments.

Position	Name and Surname	Signature	Date
CCAA Inspector			
CCAA Inspector			