



**MINISTÈRE
CHARGÉ
DES TRANSPORTS**

*Liberté
Égalité
Fraternité*



LA NPA 2020-15, paragraphes impactés

Conférence FSTD, DGAC le mardi 26 janvier 2021

PART FCL

GM1 FCL.010 Definitions (10)

Indicatif : type et utilisation nouveau FNPT

AMC3 to Appendix 9 Training, skill test and proficiency check for MPL, ATPL, type and class ratings, and proficiency check for Irs (11)

GM2 to Appendix 9 Training, skill test and proficiency check for MPL, ATPL, type and class ratings, and proficiency check for Irs (19)

Crucial : Matrice des FCS requis pour la QT MPA

PART ARA ATO

AMC1 ARA.ATO.120 Record-keeping (30)

Déplacé vers ARA.GEN

PART ORA ATO

AMC1 ORA.ATO.105 Application (58) *Mineur*

AMC2 ORA.ATO.125 Training programme (61) *Important : adéquation FSTD au programme*

ORA.ATO.135 Training aircraft and FSTDs (50) *Mineur*

ORA.ATO.335 Full flight simulator FSTD (51) *Changement FFS par FSTD en ZFTT*

AMC1 ORA.ATO.135 Training aircraft and FSTDs (63) *extension de l'utilisation de FSTD non FFS*

PART ARA GEN

AMC1 ARA.GEN.200(a) Management system (29)
Mineur (critère taille autorité)

AMC2 ARA.GEN.200(a)(2) Management system (29)
GM3.ARA.GEN.200(a)(2) Management system (29)
Mineur (critère qualification FI)

ARA.GEN.220 Record-keeping (21)
Mineur (archivage autorité)

PART ARA FSTD

ARA.FSTD.100 Initial evaluation procedure (21)

Précision sur la certification dans le cas de nouvelles technologies

AMC1 ARA.FSTD.100(a)(1) Initial evaluation procedure (31)

Calendrier ESL en initiale

AMC2 ARA.FSTD.100(a)(1) Initial evaluation procedure (31)

Reformulation "downgrade" en "limitation"

AMC4 ARA.FSTD.100(a)(1) Initial evaluation procedure (32)

Mineur (composition équipe d'évaluation)

AMC5 ARA.FSTD.100(a)(1) Initial evaluation procedure (33)

disparition de l'ancien format de rapport d'évaluation

AMC1 ARA.FSTD.100(a)(3) Initial evaluation procedure (37)

Disparition du profil de validation BITD

AMC1 ARA.FSTD.100(b) Initial evaluation procedure (38)

Important (nouveau format rapport d'évaluation)

AMC1 ARA.FSTD.100(c) Initial evaluation procedure (42)

GM1 ARA.FSTD.100(c) Initial evaluation procedure (43)

important (attribution d'un FCS à un FSTD qualifié antérieurement)

PART ARA FSTD

ARA.FSTD.105 Certification specifications for FSTDs (22)

Déplacement de ORA à ARA

ARA.FSTD.110 Issue of an FSTD qualification certificate (22)

Mineur (apparition de l'opérateur dans le certificate)

AMC1 ARA.FSTD.110 Issue of an FSTD qualification certificate (45)

Mineur (disparition du BITD)

PART ARA FSTD

ARA.FSTD.115 Interim FSTD qualification (22)

Nouveau cadre pour interim level

AMC1 ARA.FSTD.115 Interim FSTD qualification (45)

GM1 ARA.FSTD.115 Interim FSTD qualification (45)

Mineur (edit)

ARA.FSTD.120 Continuation of an FSTD qualification (23)

Majeur (Transfert de l'EEP de ORA vers ARA)

AMC1 ARA.FSTD.120(c) Continuation of an FSTD qualification (46)

Important (definition successful evaluation)

PART ARA FSTD

ARA.FSTD.125 Declaration of the equipment and specifications list (ESL) to the competent authority (24)

Crucial (apparition du nouveau concept de ESL)

ARA.FSTD.130 Changes (23)

Gestion des changements de FCS

AMC1 ARA.FSTD.130 Changes (46) *Minor (edit)*

AMC2 ARA.FSTD.130 Changes (47) *Majeur (gestion des changements)*

AMC1 ARA.FSTD.130(b) Changes (47) *Majeur (gestion des changements)*

GM1 ARA.FSTD.130(b) Changes (48) *Majeur (gestion des changements)*

GM1 ARA.FSTD.130 Changes (49) *Minor*

PART ARA FSTD

ARA.FSTD.135 ~~Findings and corrective actions~~ – FSTD qualification certificate — Limitation, suspension and revocation (25)

Ajout du concept de ESL

AMC1 ARA.FSTD.135 FSTD qualification certificate – Limitation, suspension and revocation (49)

AMC2 ARA.FSTD.135 FSTD qualification certificate – Limitation, suspension and revocation ~~Findings and corrective actions~~—~~FSTD qualification certificate~~

AMC3 ARA.FSTD.135 FSTD qualification certificate – Limitation, suspension and revocation ~~Findings and corrective actions~~—~~FSTD qualification certificate~~

ARA.FSTD.140 Record-keeping (25)

Ajout du concept de ESL

AMC1 ARA.FSTD.140 Record-keeping *transfert de ATO*

Appendix IV to ANNEX VI (Part-ARA) – Flight simulation training device qualification certificate (26)

Nouveau format du certificate de qualification

PART ORA GEN

GM1 ORA.GEN.200(a)(5) Management system

AMC42 ORA.GEN.200(a)(5) Management system (57) *Majeur : la documentation MS*

GM1 ORA.GEN.200(a)(5) Management system

AMC1 ORA.GEN.200(b) Management system (58) Important : définition complexe/non complexe

PART ORA FSTD

ORA.FSTD.100 General (51) *Clarification*

AMC1 ORA.FSTD.100 General (63) *Apparition du fly out dans le programme d'audit interne*

AMC2 ORA.FSTD.100 General (64) *Important : nouveaux indicateurs*

AMC4 ORA.FSTD.100 General (66) *Briefing évaluations*

GM1 ORA.FSTD.100 General (67) *AM et procédures*

~~GM1~~ GM2 ORA.FSTD.100 General (68) *CM*

GM3 ORA.FSTD.100 General (73) *CMM*

GM2 ORA.FSTD.100 General (75) *disparition de la CMA*

GM3 ORA.FSTD.100 General (80) *Disparition*

PART ORA FSTD

ORA.FSTD.105 Maintaining the FSTD qualification (52) *Clarification “maintenir un niveau de qualification”, **transfert du CS***

AMC1 ORA.FSTD.105(a)(1) Maintaining the FSTD qualification (82) *Rejeu des QTG sur un an*

AMC1 ORA.FSTD.105(b) Maintaining the FSTD qualification (83) *Presentation QTG*

AMC2 ORA.FSTD.105(b) Maintaining the FSTD qualification

AMC1 ORA.FSTD.105(c) Maintaining the FSTD qualification (84) Configuration control

AMC2 ORA.FSTD.105(c) Maintaining the FSTD qualification (85) Mise à jour databases

ORA.FSTD.110 Modifications (52) *Mineur*

AMC1 ORA.FSTD.110 Modifications

AMC2 ORA.FSTD.110(e) Modifications (86) *Information d'un changement*

GM1 ORA.FSTD.110 Modifications (87) *Modifications majeures*

ORA.FSTD.115 Installations (53) *Mineur*

PART ORA FSTD

ORA.FSTD.120 ~~Additional equipment~~ Equipment and specifications list (53) *Naissance de l'ESL*

AMC1 ORA.FSTD.120 Equipment and specifications list (87)

AMC2 ORA.FSTD.120 Equipment and specifications list (88) *Template de l'ESL*

GM1 ORA.FSTD.120 Equipment and specifications list

ORA.FSTD.200 Application for FSTD qualification (54) *Avec l'ESL*

AMC1 ORA.FSTD.200 Application for FSTD qualification (98) Parts A B C

GM1 ORA.FSTD.200 Application for FSTD qualification

GM4 2 ORA.FSTD.200 Application for FSTD qualification (103) *Footprint en provenance CS*

AMC2 ORA.FSTD.200 Application for FSTD qualification

PART ORA FSTD

ORA.FSTD.205 Certification specifications for FSTDs (54) *Maintenant en ARA*

GM1 ORA.FSTD.210(a) Qualification basis (105) Détermination des QTG applicables

GM1 ORA.FSTD.210(a)(3) Qualification basis (108) visuels anciens, en provenance du CS

GM2 ORA.FSTD.210(a)(3) Qualification basis (109) Nouvelles, technologies

ORA.FSTD.225 Duration and continued validity (54) *en partie en ARA*

AMC1 ORA.FSTD.225(a)(2) Duration and continued validity

AMC1 ORA.FSTD.225(b) ~~(4)~~ Duration and continued validity

ORA.FSTD.230 Changes to the qualified FSTD (55)

AMC1 ORA.FSTD.230(b) Changes to the qualified FSTD

AMC2 ORA.FSTD.230(b) Changes to the qualified FSTD

ORA.FSTD.240 Record-keeping (56) *Mineur*

AMC1 ORA.FSTD.240 Record-keeping

CS-FSTD(A) GEN

CS FSTD(A).GEN.001 Applicability

CS FSTD(A).GEN.005 Terminology

CS FSTD(A).GEN.010 Abbreviations

CS-FSTD(A) QB

CS FSTD(A).QB.100 Qualification standards

CS FSTD(A).QB.101 FSTD levels and FCS

CS FSTD(A).QB.110 FSTD general requirements for feature fidelity levels

CS FSTD(A).QB.115 General technical requirements for FSTD qualification levels

CS-FSTD(A) QTG

CS FSTD(A).QTG.001 General

GM1 CS FSTD(A).QTG.001 General

CS FSTD(A).QTG.002 Testing for FSTD qualification

CS FSTD(A).QTG.005 Document layout

CS FSTD(A).QTG.100 Validation tests

CS FSTD(A).QTG.105 Table of FSTD validation tests versus feature fidelity levels

GM1 CS FSTD(A).QTG.105 Table of FSTD validation tests versus feature fidelity levels

GM2 CS FSTD(A).QTG.105 Table of FSTD validation tests versus feature fidelity levels

GM3 CS FSTD(A).QTG.105 Table of FSTD validation tests versus feature fidelity levels

CS FSTD(A).QTG.106 List of parameters to be recorded

CS FSTD(A).QTG.120 Engineering simulator validation data

GM1 CS FSTD(A).QTG.120 Engineering simulator validation data

GM2 CS FSTD(A).QTG.105 Table of FSTD validation tests versus feature fidelity levels

GM3 CS FSTD(A).QTG.105 Table of FSTD validation tests versus feature fidelity levels

CS-FSTD(A) QTG

- CS FSTD(A).QTG.106 List of parameters to be recorded
- CS FSTD(A).QTG.120 Engineering simulator validation data
 - GM1 CS FSTD(A).QTG.120 Engineering simulator validation data
- CS FSTD(A).QTG.200 Engines
- CS FSTD(A).QTG.210 Control dynamics
- CS FSTD(A).QTG.220 Ground effect
- CS FSTD(A).QTG.230 Motion system
- CS FSTD(A).QTG.235 Frequency domain motion cueing system performance test
- CS FSTD(A).QTG.240 Visual system
- CS FSTD(A).QTG.245 Visual display systems
- CS FSTD(A).QTG.250 Sound system
- CS FSTD(A).QTG.260 Transport delay and latency testing methods

CS-FSTD(A) QTG

CS FSTD(A).QTG.400 Validation data roadmap

CS FSTD(A).QTG.410 Applicability of CS-FSTD amendments to FSTD data packages for existing aeroplanes

CS FSTD(A).QTG.500 Additional/alternate engines or avionics validation data

CS-FSTD(A) FST

CS FSTD(A).FST.001 General

CS FSTD(A).FST.005 Test requirements

CS FSTD(A).FST.105 Table of function and subjective tests

GM1 CS FSTD(A).FST.105 Table of function and subjective tests

GM2 CS FSTD(A).FST.105 Table of function and subjective tests

CS-FSTD(A) UPRT

CS FSTD(A).UPRT.001 Upset, stall (including in icing conditions)

CS FSTD(A).UPRT.005 High angle of attack/stall model

CS FSTD(A).UPRT.020 High angle of attack/stall model — Evaluation and approach to stall for previously qualified FSTDs

CS FSTD(A).UPRT.030 UPRT standards for the FSTD standards table

GM1 CS FSTD(A).UPRT.030 UPRT standards for the FSTD standards table

CS FSTD(A).UPRT.040 Engine and airframe icing evaluation provisions

CS-FSTD(A) MISC

- CS FSTD(A).MISC.010 Multi-configuration devices and their MQTG requirements
- GM1 CS FSTD(A).MISC.010 Multi-configuration devices and their MQTG requirements
- CS FSTD(A).MISC.020 Design and qualification of non-type-specific FSTDs
- CS FSTD(A).MISC.030 Qualification of an FSTD head-up display (HUD)
- CS FSTD(A).MISC.040 Qualification of an FSTD enhanced flight vision system (EFVS)