



EUROPEAN AVIATION SAFETY AGENCY  
AGENCE EUROPÉENNE DE LA SÉCURITÉ AÉRIENNE  
EUROPÄISCHE AGENTUR FÜR FLUGSICHERHEIT

# Miscellaneous Questions

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# ARO.RAMP.115/CAT.GEN.MPA.140

## ➤ **EFBs/PEDs**

### ➤ **AMC1 ARO.RAMP.115 (b)(2) – item A4**

Flight Deck inspection - Manuals

### ➤ **CAT.GEN.MPA.140**

Portable electronic devices.



- EFBs vs portable & installed hardware in accordance with AMC 20-25
- Acceptance of different PEDs



# ORO.GEN.110

## ➤ **Flight dispatchers/Operations officers**

### ➤ **ORO.GEN.110 (c)**

The operator shall establish and maintain a system for exercising operational control over any flight operated under the terms of its certificate

### ➤ **GM1 ORO.GEN.110(c)**

ORO.GEN.110(c) does not imply a requirement for licensed flight dispatchers or a full flight watch system.

If the operator employs flight operations officers in conjunction with a method of operational control, training for these personnel should be based on relevant parts of ICAO Doc 7192 Training Manual, Part D-3. This training should be described in the operations manual.



EU regulatory framework for qualification and training of Operations Personnel vs ICAO



# ORO.GEN.140

## ➤ Access

### ➤ ORO.GEN.140 (b)

Access to the aircraft mentioned under (a) shall include the possibility to enter and remain in the aircraft during flight operations unless otherwise decided by the commander for the flight crew compartment in accordance with CAT.GEN.MPA.135 in the interest of safety



Access to the aircraft during operations



# CAT.IDE.A.205

## ➤ Upper torso restraint systems (UTR)

### ➤ CAT.IDE.A.205 (a)

a seat belt with upper torso restraint system on each passenger seat and restraining belts on each berth in the case of aeroplanes with an MCTOM of less than 5 700kg and with an MOPSC of less than nine, after 8 April 2015

### ➤ CAT.IDE.A.205 (e)

UTR for flight crew seats shall have two shoulder straps



- Background of the change
- Impact on small aeroplanes
- Possibility of derogations/exemptions



# CAT.POL.MAB.105

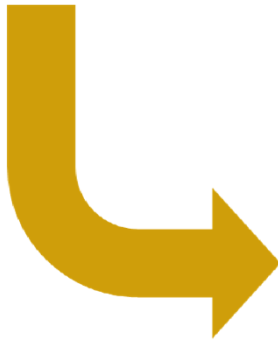
## ➤ **Mass and balance data and documentation**

### ➤ **CAT.POL.MAB.105 (e)**

The operator shall obtain approval by the competent authority if he/she wishes to use an onboard integrated mass and balance computer system or a stand-alone computerised mass and balance system as a primary source for dispatch. The operator shall demonstrate the accuracy and reliability of that system

### ➤ **GM1 POL.MAB.105 (e)**

### ➤ **GM2 POL.MAB.105 (e)**



- How to qualify computerised mass and balance systems?
- Accuracy and reliability of such systems.



# CAT.OP.MPA.175

## ➤ **Flight preparation**

### ➤ **CAT.OP.MPA.175 (b) (5)**

current maps, charts and associated documentation or equivalent data are available to cover the intended operation of the aircraft including any diversion that may reasonably be expected.

### ➤ **GM1 CAT.OP.MPA.175 (b) (5)**

CONVERSION TABLES



What kind of “equivalent data” is accepted to be used by the flight crew?



# SPA.DG.105

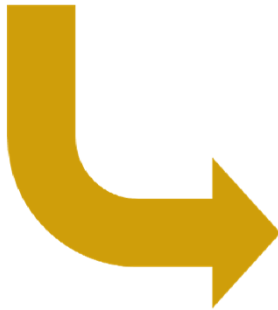
## ➤ **Training programme for transport of dangerous goods**

### ➤ **SPA.DG.105 (a)**

establish and maintain a training programme for all personnel involved and demonstrate to the competent authority that adequate training has been given to all personnel.

### ➤ **AMC1 SPA.DG.105 (a)**

TRAINING PROGRAMME



What about e-learning?





# CAT.GEN.MPA.180/CAT.OP.MPA.135

## ➤ **Navigation documentation and charts**

### ➤ **CAT.GEN.MPA.180 (a)(12)**

current and suitable aeronautical charts shall be carried for the route of the proposed flight and all routes along which it is reasonable to expect that the flight may be diverted;

### ➤ **AMC1 CAT.GEN.MPA.180**

The documents, manuals and information may be available in a form other than on printed paper. An electronic storage medium is acceptable if accessibility, usability and reliability can be assured.

### ➤ **CAT.OP.MPA.135 (a)(4)**

The operator shall ensure that operations are only conducted along routes, or within areas, for which appropriate maps and charts are available



How many documentation sets are required to be carried onboard?



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**Thank you for your attention**

**ANY OTHER  
QUESTIONS ?**

