



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

# **Operational Suitability Data Maintenance Certifying Staff Data (OSD-MCSD)**

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Certification Directorate*

Your safety is our mission.

***MCS: What should we train for to maintain this product?***



***TCH: This is the product technical data you should train for!***





# Agenda Highlights

## **Role of the TCH**

- Part 21 org. producing & owning the OSD-MCSD

## **Role of the User**

- Part 66 and Part 147, Part 145, Part M org. using the OSD-MCSD

## **Role of the CA**

- EASA for OSD-MCSD approval and EASA or NAA for oversight of the OSD-MCSD usage

## **Transition**

- From OEB-MCS to OSD-MCSD

## **OSD-MCSD content**

- What to produce & How to produce it



# Role of the TCH

## ***Product applicability:***

- OSD-MCSD is required for any Group 1 a/c (see GM No1 to 21A.15(d) and GM66.A.45) and optional for a/c outside this group

## ***Compliance date:***

- Catch-up for existing TC or on-going certifications is voluntary
- Approval of the OSD-MCSD should be obtained before a/c EIS with an EU operator or need to use MCSD for prep. of such EIS

## ***Data availability:***

- Data available to a/c operators, maintenance training org., NAA, persons required to comply with data (see 21.A.62...)

## ***DOA scope extension:***

- Existing scope should be extended to include OSD-MCSD (see Article 7a 4.)



# Role of the User

## ***Part-147 Org:***

- Inclusion of relevant MCSD in Maintenance Type Training courses should be per its “mandatory” (i.e. status of rule) and “recommendation” (i.e. status of AMC) segregation
- MCSD (when available) is considered by Appendix III to ***Part-66*** (see paragraph 1 points (a)(ii) and (b)(ii))
- Previously approved courses must be in compliance with (voluntary applied for) MCSD within two years post OSD-MCSD approval

## ***Part-145 and Part-M Org:***

- No MCSD usage obligation specified
- Usage of existing OSD-MCSD should be encouraged for in-house “variant” specific training (per 145.A.35(a) proviso or M.A.607 proviso)



# Role of the CA

## ***OSD-MCSD Approval:***

- EASA is the CA and approval should be specified in the TCDS
- Approval of the OSD-MCSD should be obtained before a/c EIS with an EU operator or need to use for preparing of such EIS
- DOA scope extension related approval

## ***OSD-MCSD Usage Oversight:***

- The CA is EASA or the NAA
- Clear obligation to condition Part-147 Maintenance Type Training course approval based on MCSD inclusion



## ***Finalised OEB-MCS Reports:***

- Report will be revised to an OSD-MCSD compliant format together with the TCH prior to 18 June 2014
- TCDS will be amended accordingly

## ***On going evaluations and all future evaluations:***

- OSD-MCSD process applied following either the mandatory or the voluntary application received from the TCH
- TCDS to be issued or revised accordingly to include OSD-MCSD approval.



## ***CS-MCSD:***

- The latest RMP envisaged a final delivery date for 2018
- On a case by case basis a CRI-MCSD will be used as working tool
- CM prepared for interim guidance

## ***TCH in-house process for MCSD:***

- TCH specific tailored approaches should be acceptable to the Agency if the end result is CRI-MCSD compliant
- The process used in-house by the TCH should be compliant with DOA standards
- Expected high LOI from the Agency prior to DOA extension
- Both theoretical and practical MCSD should be produced by the TCH



## Matrix perspective of the “BOX” content segregation

**(B<sub>i</sub>)<sub>TCH,ATO</sub>**

i = box block index = 1,4

TCH = Type Certificate Holder index = M or R

ATO = Approved Training Organization index = M or R

M = Mandatory (ATO); Required from (TCH)

R = Recommendation (ATO); At Request of (TCH)

**ATO** (looking from top to bottom)



**TCH**  
(looking from  
left to right)



<b>(B<sub>1</sub>)<sub>M,M</sub></b>	<b>(B<sub>2</sub>)<sub>M,R</sub></b>
<b>(B<sub>3</sub>)<sub>R,M</sub></b>	<b>(B<sub>4</sub>)<sub>R,R</sub></b>

## Matrix perspective of the “BOX” content segregation

$(B_i)_{TCH,ATO}$

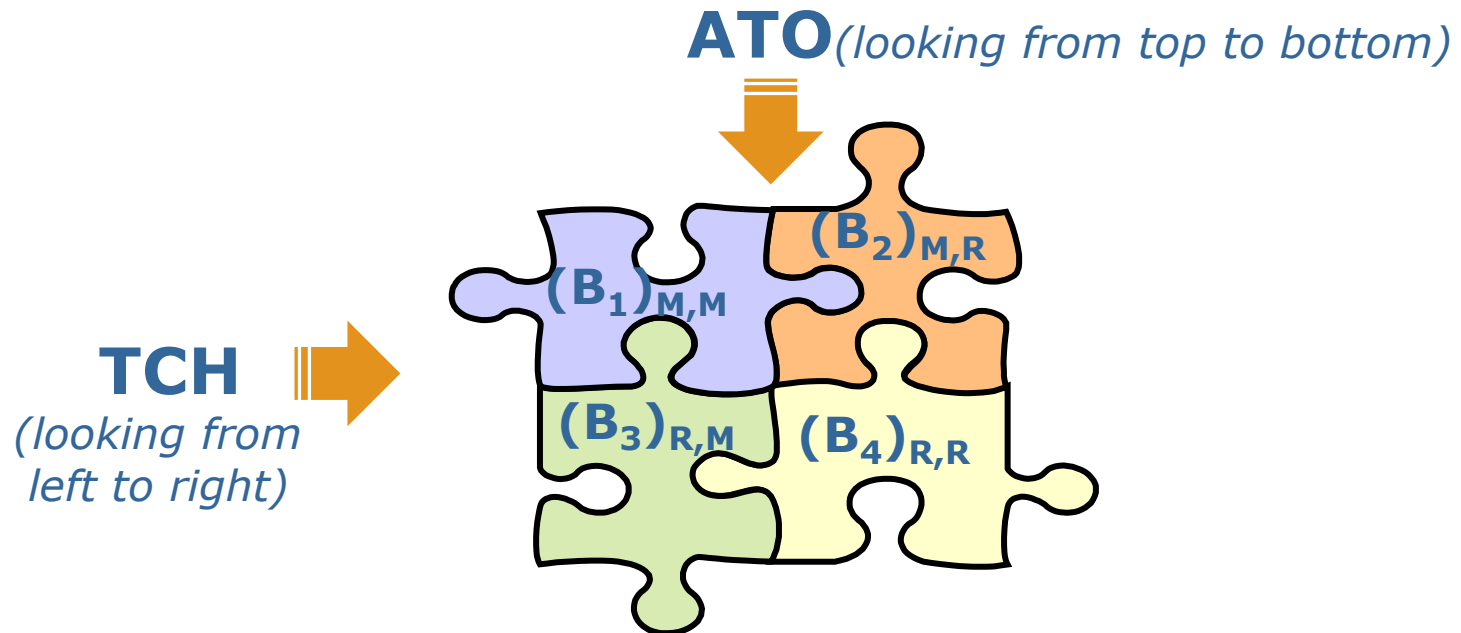
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## **E.g. of elements to be considered for inclusion in various “box” categories**

*(the type of elements exemplified below are subject to subsequent revision and validation by the Agency)*

<ul style="list-style-type: none"><li>• Type rating (i.e. new or existing type);</li><li>• A/C baseline configuration elements at system-subsystem level (ATA xx-xx);</li><li>• TASEm*;</li></ul>	<ul style="list-style-type: none"><li>• Target audience and student prerequisites;</li><li>• Options to the a/c baseline configuration</li></ul>
<ul style="list-style-type: none"><li>• Differences training elements from base a/c to candidate a/c;</li></ul>	<ul style="list-style-type: none"><li>• Training elements sequencing from a “technical logic” standpoint;</li></ul>

*\*TASEm = Training Area of Specific Emphasis for maintenance*



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# Thank you for your attention !

## Questions



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