



# EASA

European Aviation Safety Agency

## RMT.0262 – Embodiment of Level of Involvement in Part 21

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**Your safety is our mission.**

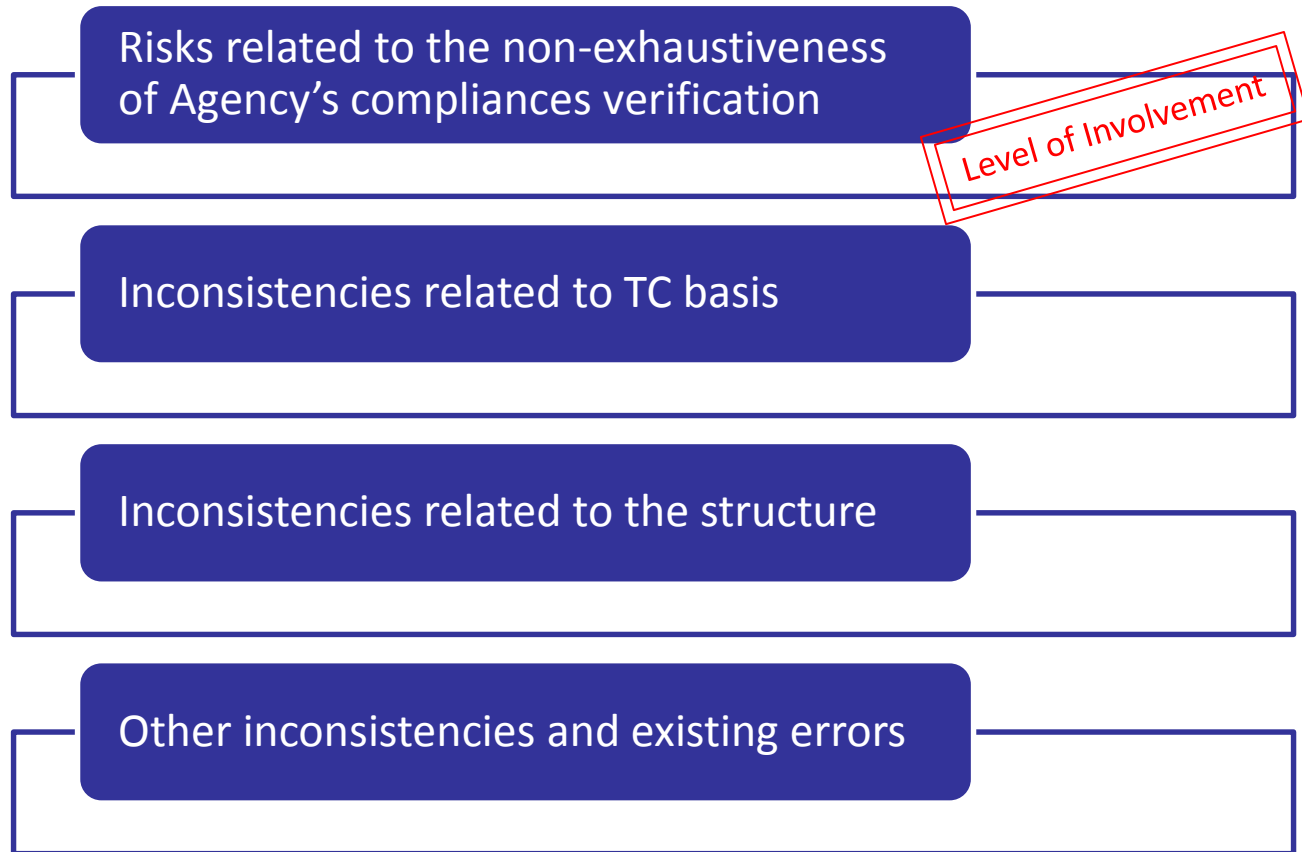
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TE.GEN.00409-001



# Proposed changes to Part-21

## ➤ Issues addressed in the opinion (RMT.0262)





# Level of involvement

## ➤ Certification project

Phase I – Technical Familiarisation and establishment of the Initial Type Certification Basis  
Phase II – Acceptance of the Certification Programme and determination Level of Involvement  
Phase III – Applicants compliance demonstration  
Phase IV – Final Report and issue of a Type Certificate

## ➤ Agency has to verify compliance demonstration (and verification) of the applicant

- Lol: What and how deep?
- This needs to be determined
  - after familiarisation
  - on the basis of the accepted certification programme
  - before applicant starts compliance determination



# Level of Involvement

## Level of Involvement (LoI)

- Selection of the CDI that the Agency will investigate & the depth of those investigations

## Today's practice

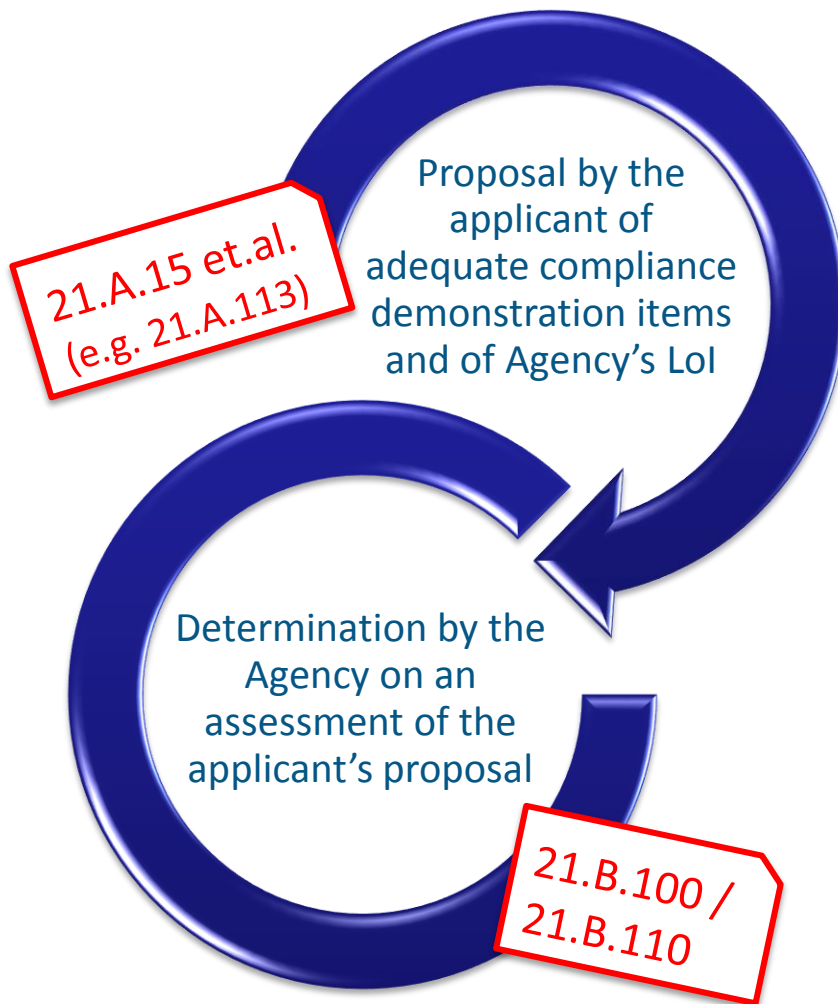
- Part-21 is silent
- Compliance verification never exhaustive
- Some guidance in internal procedures

## Purpose of the proposal in the opinion

- Objective criteria
- Clear and transparent process



# Proposed amendments of Part 21





# Selection of CDI

## ➤ Possible determination

the likelihood that for a specific CDI the applicant does not comply with certification basis

- novelty of the CDI
- complexity of the CDI
- DOA performance (panel level)

its impact on the safety of the product or on the environment

- criticality (panel / discipline specific)

## ➤ Examples

- high performing DO + novel, but not complex = likelihood low  
if the impact on product safety is not critical that could mean low Lol
- Low performing DO + novel and complex = likelihood high  
if the impact on product safety is critical that could mean high Lol



# Depth of investigation

## ➤ Possible gradation



**No further involvement**



**Review of compliance demonstration plans**



**... in addition review and acceptance of a limited number of documents and reports**



**... in addition review and acceptance of more documents and reports, witnessing / participation in tests, participation in interpretation of test results**



# Next steps

