



EASA

European Aviation Safety Agency

Eye opener: Inspector 2.0 The evolution

CAMO SMS Workshop

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Your safety is our mission.

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Fast pace of changes – new business models





Changing regulatory environment





New challenges

- ❑ Today the scope of compliance is much broader
- ❑ Grayer (more difficult to monitor and to understand) area including risks not covered by regulation
- ❑ Limited resources
- ❑ Expansions of rules and principles is raising the level of overall risks



Meanwhile

- ❑ Compliance function was not built to cope with these emerging challenges
- ❑ The importance of “operational” expertise to provide constructive input and “credible challenge” is more evident
- ❑ Current “check-the-box” rule based testing processes do not provide adequate coverage over emerging risks



NEW MiNDSET



NEW RESULTS



Inspector evolution

New mindset

Adopt lean principles

(mindset of continuous improvement and eliminate non added value activities)



Focus on outcome

Leverage analytics

(use of data analysis and information to provide an improved understanding)

Importance of the preparation



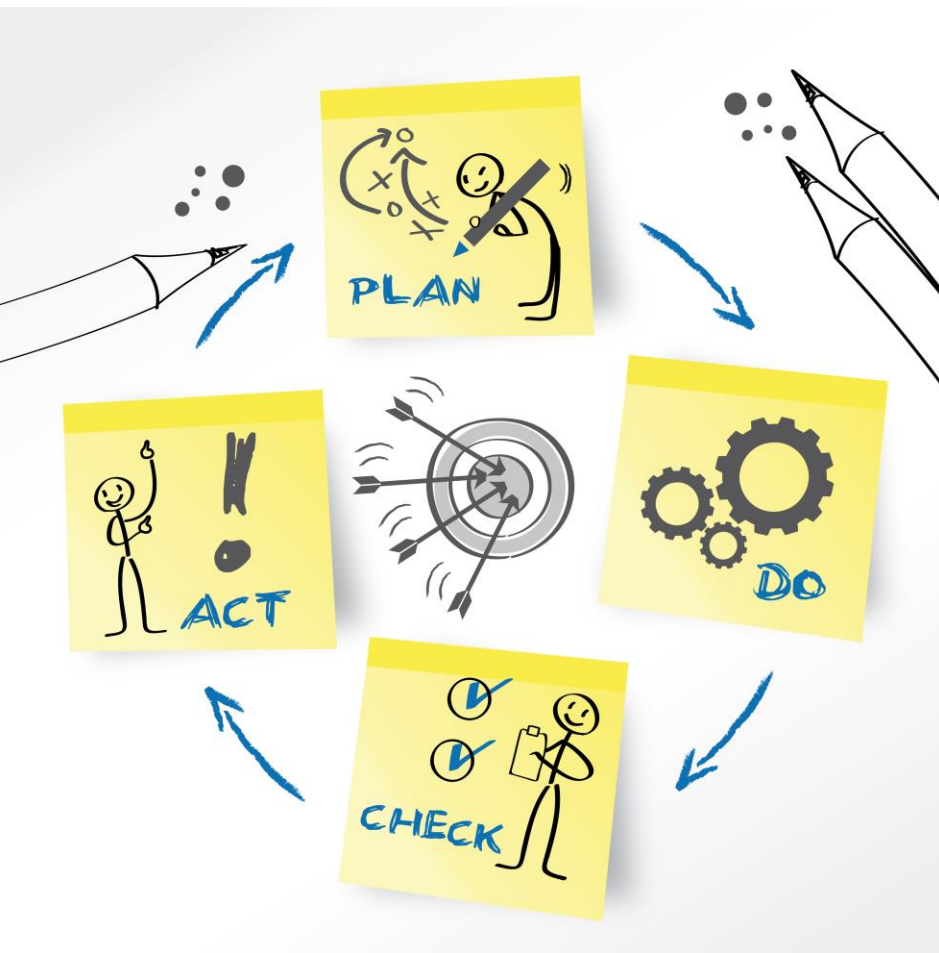
RISK BASED APPROACH

The risk-based approach:

Audit resources are directed towards those areas that may contain misstatements (either by error or omission) as a consequence of the risks faced by the business.

The formula for the audit risk model is:

Audit risk = Inherent risk x Control risk x Detection risk

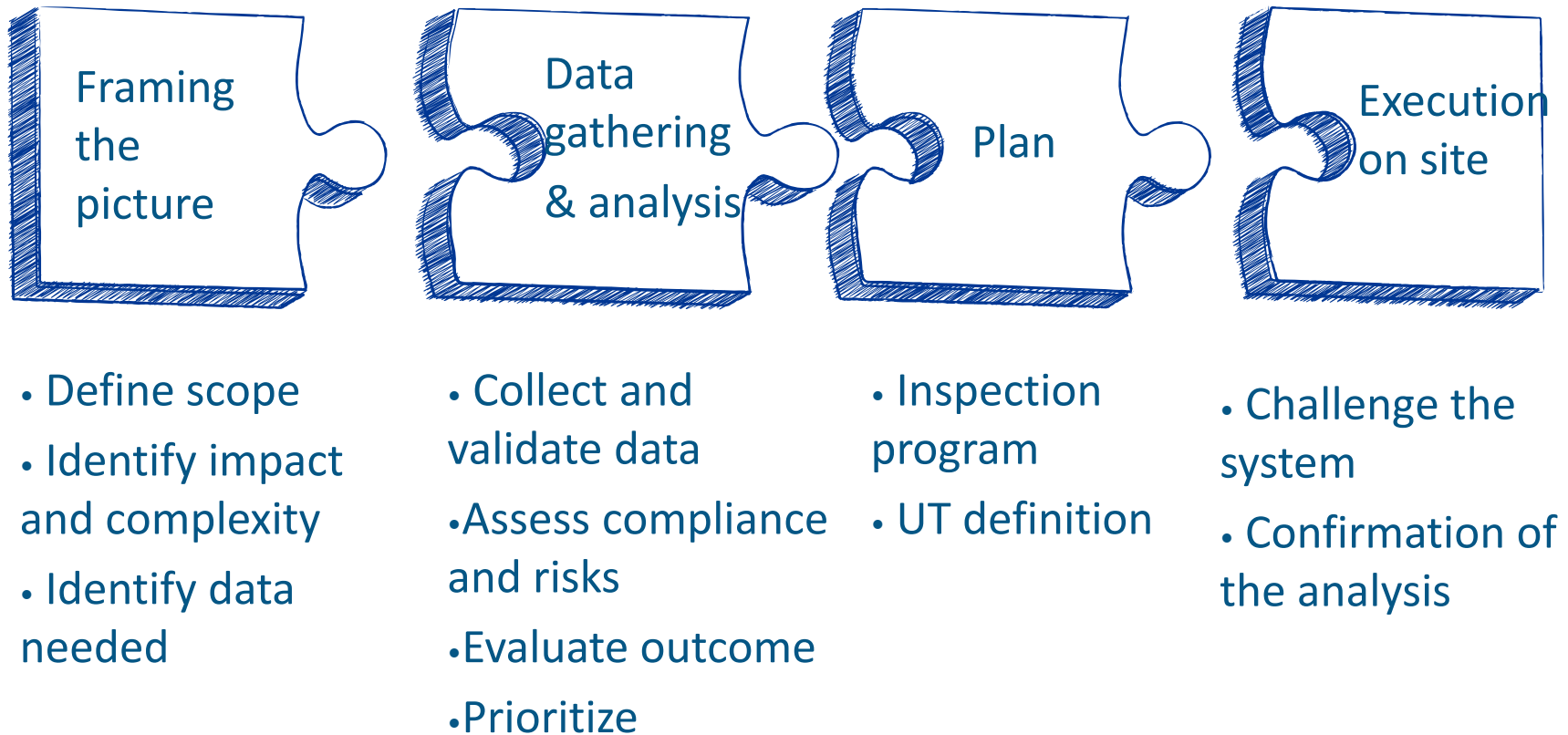


PLAN = Establish the scope and evaluate compliance. Analyze possible outcome and consequences

DO = Identify and prioritize risks. Challenges the authority.

CHECK = Compliance, on site focus on the identified areas

ACT = Continuous monitoring





HOW DO WE MAKE OUR JOB EASIER, WITHOUT SACRIFICING COMPLIANCE?

- ☐ Shift mindset and attitude
- ☐ Reduce focus on area without added value
- ☐ Focus on outcome scenario and prioritize
- ☐ “Shake the tree” – challenging the information



for what is thought right
to be best in any relation
point of view.

Competence

being competent; fitting
adequateness: as, the
competence for the task
for what is thought right
in any relation



Inspector competence

- Understanding risk management principles and technique
- Understanding the relevance of hazard logs developed by the organizations
- Develop skills in understanding the adequacy of safety risk assessment performed by the organization



Organization / Safety Manager Competence

- Understanding of risk management principles and techniques
- Experience in implementing a SMS
- Experience and qualification in aviation accident investigation
- Experience and qualification in conducting safety/compliance audits
- Sound knowledge of aviation regulatory frameworks
- Analytical skills



Typical Finding

- ❑ SMS Manual copied and not reflecting the specificities of the operators
- ❑ Risk only reactive based on ASR and not proactive
- ❑ No risk analysis at all
- ❑ No Change management
- ❑ No mitigating measures
- ❑ No real SRB



Example of a finding

When reviewing the operator's safety management system it was found that:

- ❑ The hazard identification does not reflect the actual operator's operation
- ❑ The hazard identification is not pro-active
- ❑ The operator could not demonstrate how it ensured control of identified risks (mitigation)
- ❑ The operator could not demonstrate how it managed safety risks related to changes



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The end!



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