EASA
European Union Aviation Safety Agency

Product Certification and Design Organisation Approval Workshop 2019

Feedback from side meeting WG7

Independent System Monitoring (ISM)

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ISM WG7 - Main points of discussion

- → ISM role in DOA Performance
- → ISM experience with auditing of LOI processes
- → ISM and digitalization
- → ISM role in Control of Design Suppliers

Main points of discussion

→ ISM role in DOA Performance

→ ISM as a foundation for EASA DOA oversight

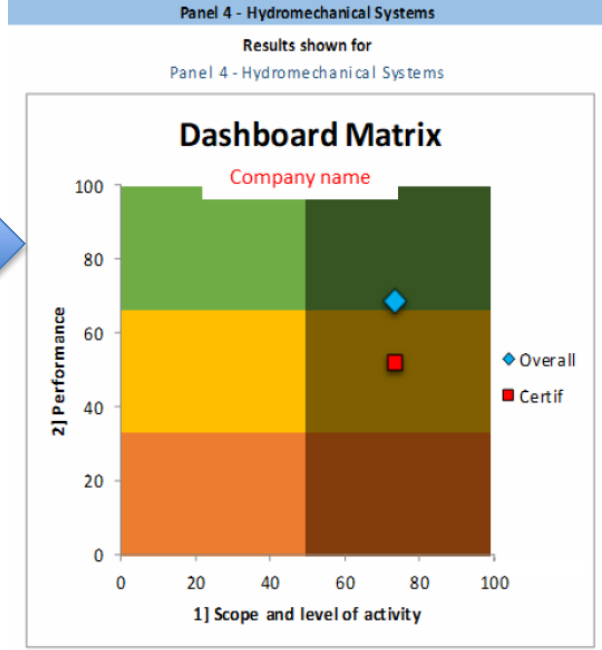
→ Acting pro-actively

Various means far beyond auditing

Risk based approach to focus resources

→ Internal follow-up

→ Strengthening the value of ISM within the DOAH



Main points of discussion

- ISM experience with auditing of LOI processes
  - ISM need basic working knowledge on LOI principles
  - ISM should use the necessary competence within the DOA to monitor LOI processes
  - Use the certification feedback from EASA as input for the monitoring activities

Main points of discussion

→ISM and digitalization

- → Digitalization is growing exponentially within the design organisations
  - →ISM should be integral part of this evolution.
- → Digitalization creates substantial efficiency improvement in ISM

Main points of discussion

- ISM role in Control of Design Suppliers
  - Interface should be defined clearly in order to enable an efficient system monitoring
  - The border line between manufacturing & design data is a grey zone that is sensible to contractual issues
  - Delegation of ISM tasks to supplier is possible
    - The responsibility remains with DOAH

Issues encountered

- Variety of issues regarding the size of the DOA
  - LOI is not a core issue for all DOA (Minor Changes/Repair Organisations)
- The WG7 agrees that ISM is a function that becomes more and more important which requires follow up within industry network

Actions identified

INDUSTRY REQUEST TO EASA

→ EASA training on ISM best practices and expectations

→ "Electronic type design data and recordkeeping system and use of digital signature" current internal draft DOARI to be put in public consultation

→ Clarification on DOA performance including ISM performance

Actions identified

INDUSTRY ACTION

→ ISMs to organize networking sessions facilitated by EASA

What did work well

- → Each year the interest for ISM Side Meeting is increasing
- → An open discussion platform
- → Working together with good team spirit
- → Good moderating by EASA

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