

# Business Jets Workshop 2025



21<sup>st</sup> – 22<sup>nd</sup> January 2025  
EASA Headquarters  
Cologne, Germany

#easabusinessjets

*Advanced Flight Deck Technologies  
To improve operations and efficiency*

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# Smart Cockpit

- What it is?
- The advantages...
- How to deploy them?
- The framework...
- Knowledge base creation

# Smart Cockpit - What it is?

- Novel technologies/functions
- With the intended function of:
  - Automating crew tasks
  - Strengthening the airborne systems resilience to failures/external events
  - Enhancing crew information management
- Aiming at safety «beyond standards»

# Smart Cockpit – The advantages...

- Alleviation of crew workload
- Enhanced crew decision making
- Improvement of the safety standards
- Enabling the development of novel ConOps

# Smart Cockpit – How to deploy them...

- Aviation safety is safeguarded by various contributors
- Structured and incremental path
- Supported by in-service trials
- Initial deployment in the current operational framework

# Smart Cockpit – The framework...

- Initial Airworthiness certification of Smart Cockpit
  - Reliance on well established practices and process
- Creation of an OPS Regulatory Framework
  - RMT.0739 refocused on safe integration of Smart cockpit (EPAS 2025)
  - Initial Smart Cockpit deployment won't need dedicated rulemaking

# Smart Cockpit – Knowledge base creation

- Novel ConOps comes with unknowns...
- Bringing light to «dark areas» will be possible through:
  - Multidisciplinary approach
  - Independent research activities
  - Fostering exchange of expertise among interested stakeholders



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