



EASA
European Aviation Safety Agency

UFO Dissemination Workshop: Evolving Standards for Weather- Dependent Aircraft Separations

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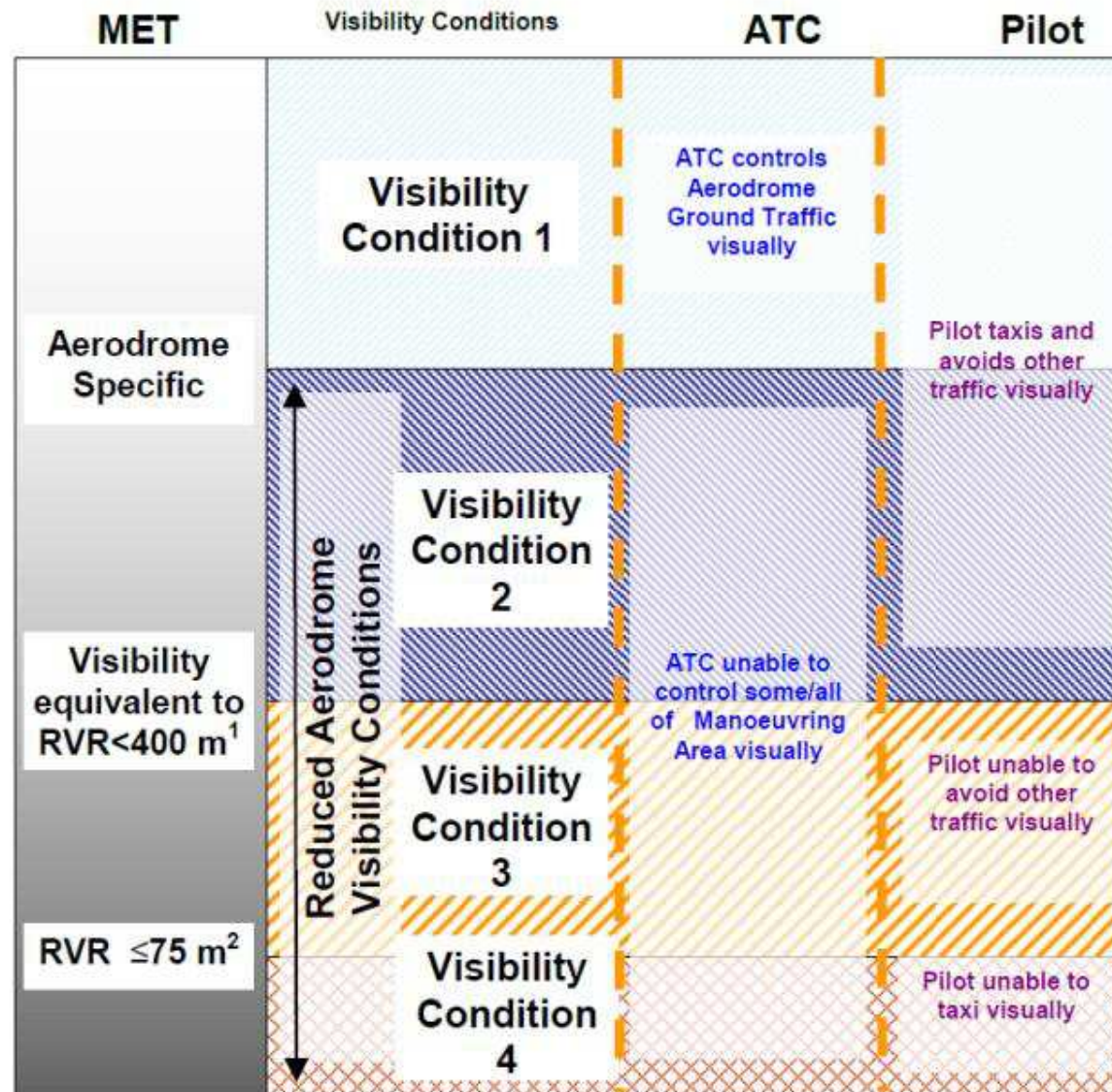
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Weather dependent aircraft separations: NOT a new concept





Using Wake Vortex Behaviour to decrease separations

- Some cases are less complex to handle
 - Cross-wind for DEP (CREDOS)
- Forecast capability is key
 - Identifying transitioning periods towards favourable/un-favourable conditions
 - Closed loops with ATC
- Uncertainties in MET forecast is 'part of the system' – operational mitigations need to be defined



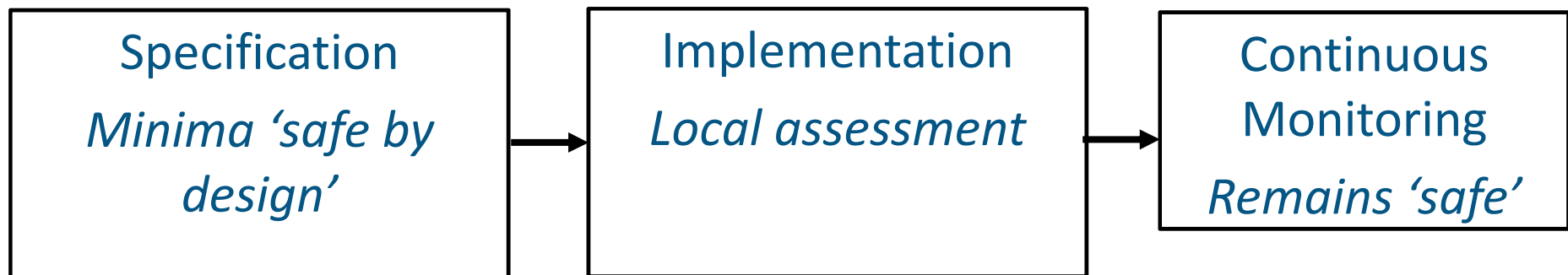
Regulatory Framework

➤ Applicable framework

- EU 1034/2011 (ATM Safety Oversight)
- EU 1035/2011 (ESARR 4 for risk assessment)

➤ Safety Case

- Safety requirements determined by the 'designer' and the 'operator'
- Stepped approach





Developing Standards

- Layered approach recommended
 - Operational concept
 - Service specification, incl. minimum performances
 - Tests and compliance methods
- BUT traced to existing standards (incl. differences)
 - PANS-ATM: provision for applying wake turb. separation
 - Aerodrome MET (Annex 3): observations and forecasts



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Questions ?

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