Improving the Certification Process

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Improving the Certification Process

- Rolls-Royce experience with today’s system
- Improvement ideas

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Improving the Certification Process

Improvement Ideas/needs

- Need to certify once, with acceptance globally
  - Research on how to reach global agreement?
- Need to develop regulations as technology develops
  - How can this be achieved with limited resource and with commercial constraints?
- Need to have a system that allows all sectors to develop
- Need to be able to adapt to new situations – eg UAVs
  - More variation in products with Type Certificates?
  - Research around defining and managing interfaces?
- Need a really effective way of managing change that has to be agreed globally!

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Improving the Certification Process

Rolls-Royce experience with today's system

- Issues
  - Need to get product validated by other NAAs
    - Has a time and cost
    - Not value added
    - Approach to validation variable
  - New 'guidance' typically through certification memos can create uncertainty – particularly where broader than propulsion

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