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The Aviation Perspective on the Regulation of Aerospace Activities

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ICAO / UNOOSA Aerospace Symposium
18–20 March 2015, ICAO Headquarters, Montréal, Canada



Overview

- **Brief overview of the challenges from the Swiss aviation regulator's perspective**
 - Expectations of Stakeholders from Regulators
 - Safety
 - Integration
 - Ideal environment for development of the industry
 - Thoughts on how to get there
 - Cooperation
 - Role of international bodies

Safety

- **Risk transfer to**
 - uninjured public on the ground
 - other aircraft and passengers
- **Aerospace vehicle operations**
 - Clarity
 - Flexibility
- **Link to aviation**

Integration in the Aviation System

- **Necessity in the longer term**

- ICAO Space Learning Group Industry Survey shows:

- Industry's intention to conduct rather large number of flights
 - Separation probably not feasible

- Aviation related regulation becomes relevant, e.g.

- Rules of the air
 - DAA if unmanned
 - etc

Industry Development

- **Flexibility vs. stability of regulation**
 - Certainty needed for high level design assumptions
 - Flexibility needed to foster innovation

- **Market access**
 - Too much fragmentation is counterproductive
 - Mutual recognition as far as practicable

How to get to a desired regulatory framework?

- **Urgency**
 - International efforts to regulate aerospace are behind already now
- **Institutional Considerations**
 - Role of ICAO

Conclusions

- **Steady increase of commercial activity above the airspace**
- **Close link to aviation regulation**
- **International coordination needed for regulation**
- **ICAO in good position to ensure that**



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THANK YOU

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