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Risks posed to civil aviation and suborbital operations

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Overview

- Aviation approach to Safety Management
 - Establishes a common language and philosophy towards safety
- Applying it to the integration of Air and Space activities



Safety Management

- Annex 19 to the Chicago Convention
- Is based on data collection and analysis
- Recognizes balance between production and protection



Risk Assessment

- 3.3.4.2 States shall develop and maintain a process that ensures the assessment of safety risks associated with identified hazards.



Safety

- ***Safety***. The state in which **risks** associated with aviation activities, related to, or in direct support of the operation of aircraft, are **reduced** and **controlled** to an **acceptable level**.



Space Hazards

- What are the **risks** to civil aviation and suborbital operations?
- Can the risks be **reduced** and **controlled**?
- What is an **acceptable level**?



Issues to be considered by the Panel

- Should we write a specific set of prescriptive laws and regulations? Or should we take a performance based approach?
- Is there a need to address this at by the global civil aviation community?



Issues to be considered by the Panel

- What technology is available or is being developed today – that can enable us to have a better understanding of the risks?



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THANK YOU

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