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INTERNATIONAL CIVIL AVIATION ORGANIZATION

A UN SPECIALIZED AGENCY

RECONNECTING **THE** WORLD

Aviation Security and Cybersecurity policy developments



Aviation Security Policy Section

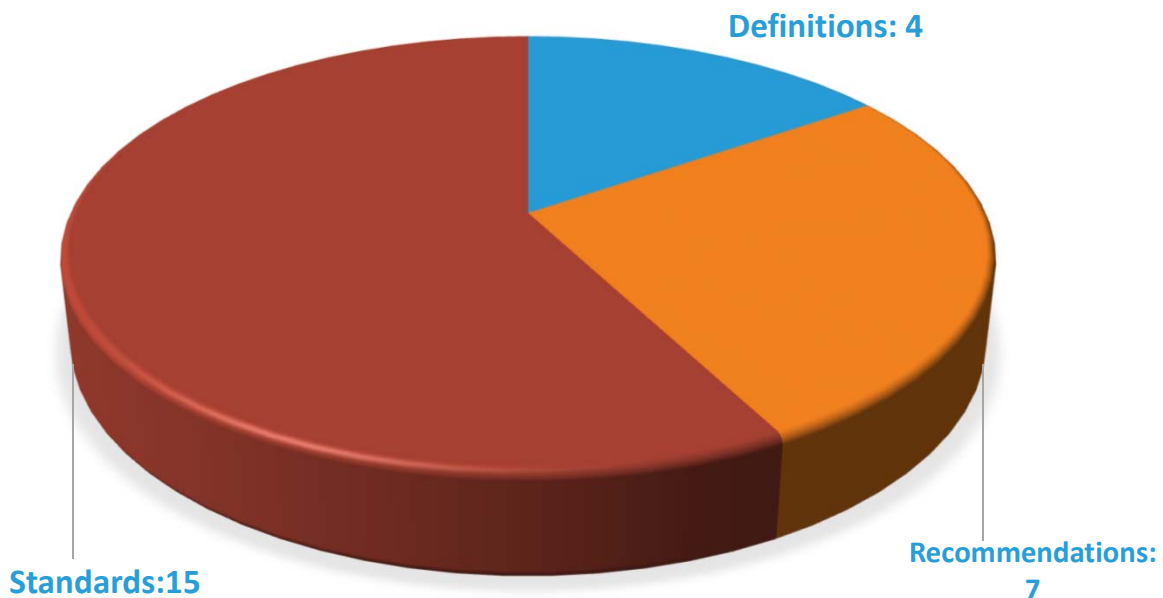
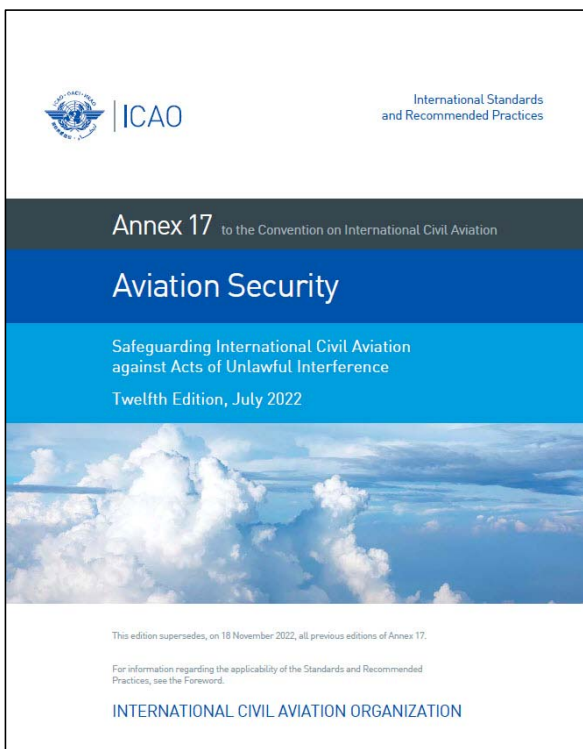
SAM RAAC/17

10 to 14 April 2023



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Amendment 18 Annex 17



When will guidance be available ?

- Some new/revised guidance was made available on June 2022.
- 13th Edition of the ICAO *Aviation Security Manual* (Doc 8973 - Restricted) is published in English, with other languages to follow by June 2023.

Global Aviation Security Plan (GASeP)

Roadmap

Priority Outcome 1

Enhancing risk awareness + response

Priority Outcome 2

Security Culture

Priority Outcome 3

Improve technological resources and foster innovation

Priority Outcome 4

Improve oversight + Quality assurance

Priority Outcome 5

Increase cooperation + support

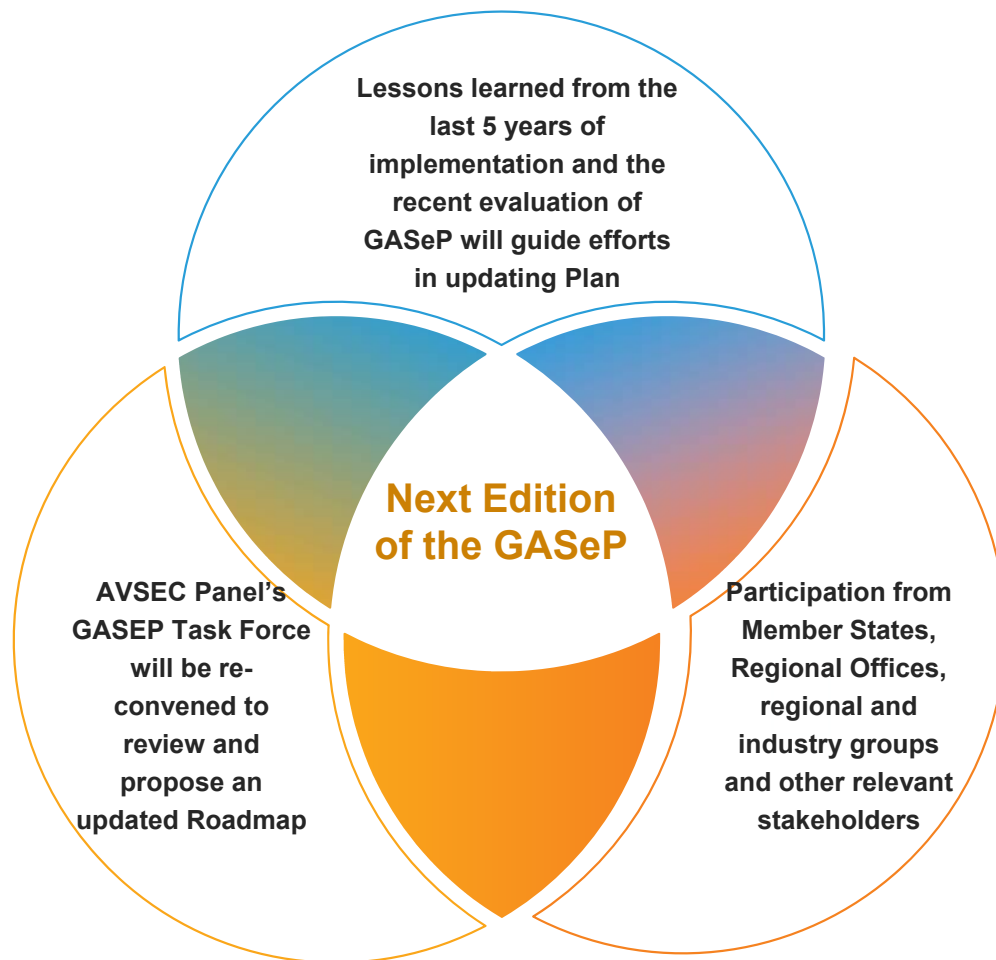


Updating the GAsEP



Main review areas
(as indicated by A41)

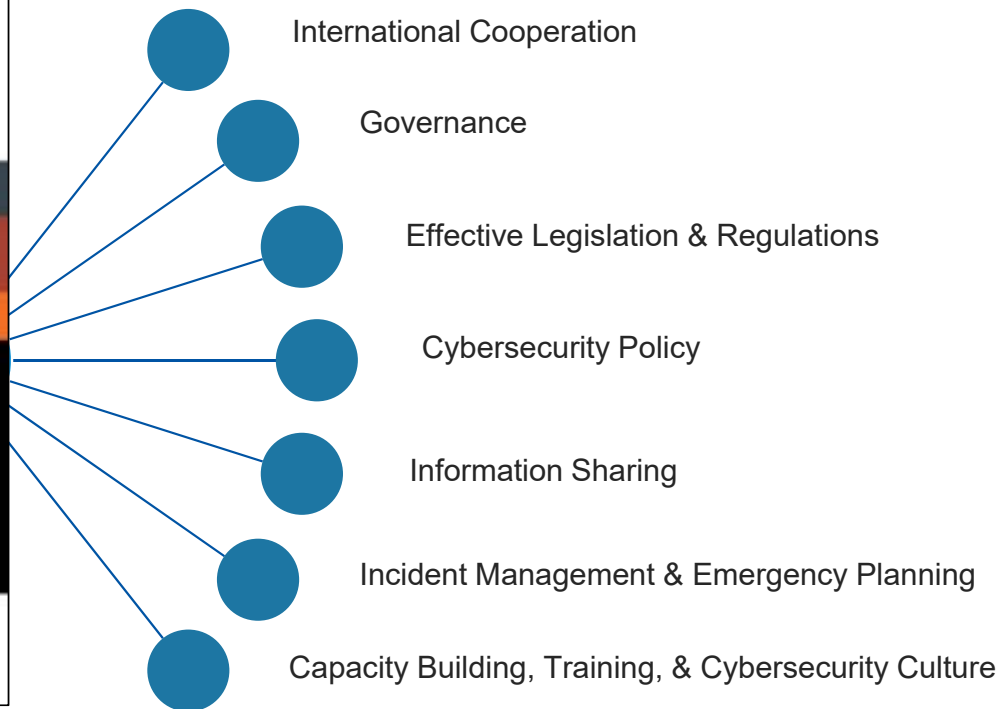
- 10 Aspirational targets
- 10 Roadmap
- 10 Monitoring and reporting processes





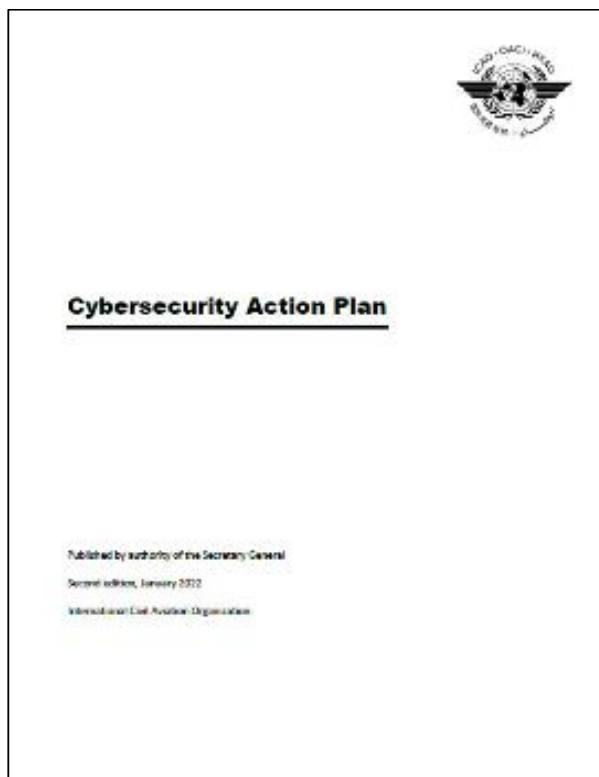
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The Aviation Cybersecurity Strategy



<https://www.icao.int/aviationcybersecurity/Pages/Aviation-Cybersecurity-Strategy.aspx>

The Cybersecurity Action Plan



- **First Edition** published in November 2020
- **Second Edition** published in January 2022
- Available on **ICAO Public Website**
- Provides **the Foundation** for ICAO, States and stakeholders to work together
- Develops **the 7 Pillars** of the Aviation Cybersecurity Strategy into **32 Priority Actions**, which are further broken down into **51 Tasks** to be implemented by ICAO, States, and Stakeholders

<https://www.icao.int/aviationcybersecurity/Pages/Cybersecurity-Action-Plan.aspx>



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ICAO Cybersecurity Panel – First Meeting – Major Outcomes



Focus on Coordination with Relevant Expert Groups (AVSECP, TFP, CP, IMP, etc.)



Support the USAP-CMA Audit Programme in relation to auditing cybersecurity responsibilities



Importance of Maintaining Momentum in Production in Terms of Guidance Material and Aviation Cybersecurity Training Development



Tasked the Working Groups to Develop Short & Long Term Work Programmes



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Key conclusions Aviation Cybersecurity

41st Assembly

ICAO 41st Session Assembly Resolution A41-19: *Addressing Cybersecurity in Civil Aviation*

- Highlights the need for global adoption of the Beijing Instruments
- Recognizes the need for aviation cybersecurity to be harmonized
- Calls upon States to (*not an exhaustive list*):
 - ✓ implement ICAO Aviation Cybersecurity Strategy, and make use of the ICAO Cybersecurity Action Plan
 - ✓ encourage government/industry coordination with regard to aviation cybersecurity strategies, policies, and plans, as well as sharing of information to help identify critical vulnerabilities that need to be addressed
 - ✓ develop and participate in government/industry partnerships and mechanisms, nationally and internationally, for the systematic sharing of information on cyber threats, incidents, trends and mitigation efforts
 - ✓ design and implement a robust cybersecurity culture across the civil aviation sector



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Main meetings and Events

AVSEC

CYBER



Cybersecurity Panel Working Groups

-WGCTR 25-26 April 2023

-WGCGM 27-28 April 2023

Toulouse, France



AVSECP/34

29 May – 2 June 2023

Hybrid



CYSECP/2

5 – 9 June 2023

In person, Montréal, Canada



ICAO Security Week 2023: AVSEC & CYBERSEC

23 to 27 October 2023

In person, Montréal, Canada



Thank You