



GREPECAS

CAR/SAM Regional Planning and Implementation Group

New challenges in the region

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Agenda



✈ Unmanned Aircraft Systems (UAS) and Remote piloted aircraft system (RPAS) regulation implementation.



✈ Aviation cybersecurity



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Unmanned Aircraft Systems (UAS) and Remote piloted aircraft system (RPAS)

✈ In the last years operations through these systems have increased substantially to support aviation services, including their applications during the COVID-19 pandemic.





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Unmanned Aircraft Systems (UAS) and Remote piloted aircraft system (RPAS)

- ✈ Eighteen (18) of the 19 ICAO Annexes are changing to include standards applied to these new aviation system component and is necessary that the States establish adequate regulation to ensure aviation safety and efficiency.
- ✈ In the established regulation is necessary that the States include in licensing and medical clearance in RPAS, technologies and systems to detect and avoid intrusions, radio spectrum frequency (including protection against unintentional or illegal interference), ATC separation rules and the development of a robust regulatory framework.





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Unmanned Aircraft Systems (UAS) and Remote piloted aircraft system (RPAS)

- ✈ Establishing a regional project within GREPECAS to support the States implementing the correspondent regulation and to enhance the established regulation is proposed.
- ✈ *A first NAM/CAR/SAM event has been planned on 17 and 18 November 2020.*





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Cybersecurity





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Cybersecurity

- ✈ Technology and cybernetic systems are essential in modern societies being a component of a variety of activities that depend on information technology. With the benefit of cyber technologies some threats come along, affecting all systems and infrastructure.
- ✈ Such cybernetic threats and cyberattacks have a transnational component and effect due to the fact that global systems are interconnected.





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AVIATION CYBERSECURITY



- ✈ Civil aviation sector depends more frequently in information and communication technology systems availability, and in data integrity and confidentiality.
- ✈ Possible cybernetic incident threats to civil aviation evolve constantly, as well as malicious perpetrators acting to disrupt operations and/or to steal information with political, financial or other reasons.



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AVIATION CYBERSECURITY



✈ Stablishing a regional project is required to identify

- ✈ Risks and weaknesses
- ✈ Mitigation Measures
- ✈ Build resilience in the regional aviation system.

✈ An event on cybersecurity has been planned on 1 December 2020.



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ORGANIZACIÓN DE AVIACIÓN CIVIL INTERNACIONAL



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THANK YOU!