



ICAO

International Civil Aviation Organization
North American, Central American and Caribbean Office

Unmanned aircraft systems (UAS) Webinar for NAM/CAR/SAM Regions

Online, 17 and 18 November 2020, GTM-04, 9:00 AM Mexico; 10:00 AM Montreal

Summary of Discussions

Date	17 and 18 November 2020
Location	Online Webinar
Opening	The webinar was attended by 274 participants from the NAM/CAR and SAM Regions, as well as participants from Africa and Europe. The list of participants is included in the Attachment .
Opening Ceremony	Opening remarks were provided by: Mr. Melvin Cintron - Regional Director, International Civil Aviation Organization (ICAO), North American, Central American and Caribbean Regional Office Ms. Leslie Cary – Chief, Remotely Piloted Aircraft Systems (RPAS) Section, Air Navigation Bureau, ICAO Mr. Jay Merkle - Executive Director, Unmanned Aircraft Systems(UAS) Integration Federal Aviation Administration (FAA), United States Mr. Nicholas Reyes - Director, Western Hemisphere, Office of International Affairs, FAA, United States

1. References

- 1.1 In accordance with State Letter Ref.: NT-N1-8.2.23 — E.OSG - NACC83880, States from NAM and CAR Regions were invited to participate in the first UAS webinar supported by the ICAO UAS Section and in coordination with the FAA of United States.
- 1.2 ICAO SAM Regional Office extended the invitation to SAM States through State Letter Ref: LT 17/24 – SA345.
- 1.3 The webinar had two different sessions:
 - first session: ICAO RPAS Section provided information on documentation and other tools that ICAO has been developing with the aim of supporting ICAO Member States in the process of the UAS regulation and operations; and
 - second session: provision of experiences on UAS regulation strategy implementation, public education campaign and lessons learned from Brazil, Canada, Honduras and United States .

2. Objectives

- 2.1 Both sessions had the objective of providing ICAO Member States with the documentation and available tools to support States' regulations development about UAS/RPAS operations.
- 2.2 Lesson learned and experiences from some States that had been working in the implementation and have more maturity on UAS/RPAS regulation implementation were also shared.

3. Introduction

- 3.1 In the first session, ICAO introduced information about ICAO documentation and tools available for ICAO Members, and information on the Standards and Recommended Practices (SARPS) for international Instrument Flight Rules (IFR) operations for RPAS. It was mentioned that ICAO has also been working to further support UAS for the States and industry by developing model UAS regulations and companion guidance material, UAS for humanitarian aid and emergency response (UAID) guidance, Beyond Visual Line of Sight (BVLOS) operations, UAS Traffic Management (UTM) and online UAS fundamentals training.
- 3.2 ICAO held the 13th Air Navigation Conference and the 40th Session of the Assembly. These were both critical events where ICAO's 193 Member States and a large number of international organizations worked to establish a set of high-level recommendations regarding ICAO's future work and the worldwide policy and priorities of the Organization for the triennium that we are now in midst of (2020 to 2022)
- 3.3 ICAO has also developed and published model UAS regulations for domestic use which provide a template for those States needing regulations for the safe operation of unmanned aircraft that do not undergo the traditional aviation certification processes.
- 3.4 ICAO has brought together lessons learned and best practices from Member States, international organizations and the humanitarian industry, as related to UAS operations for humanitarian aid as well as emergency response purposes.
- 3.5 The resulting guidance material will streamline the consideration and authorization of life saving operations with particular focus on responding to contingency and emergency situations.
- 3.6 ICAO continues the development of its SARPs, procedures and guidance material to facilitate the integration of RPAS into international IFR operations in controlled airspace.
- 3.7 In the second session, United States provided information about UAS Integration Approach in its country, UAS regulation, the Beyond 107 Implementation Team, process of regulation for small UAS and UAS integration.
- 3.8 United States also presented information about public campaign education and their experiences and lesson learned about the UAS regulation implementation for its country.

- 3.9 UAS integration approach of United States covers operations’ first yields results, synchronizes the FAA with industry, promotes innovation, and shows the whole systems approach; aircraft, aircrew and airspace, and the integration from all stakeholders and best practices.
- 3.10 Brazil explained about the regulatory scenario and planning for the future activities in Brazil.
- 3.11 Brazil also presented its UAS experience.
- 3.12 Canada presented information about the process in the implementation of drone safety rules in its country. The information covered Structure of Canadian drone safety rules, key requirements for the implementation, implementation of the rules, public education, enforcement, airspace access, challenges and planning for future.
- 3.13 Finally Honduras in coordination with the National University of Honduras (UNAH), presented information on the process of the implementation of regulation in its country, the education process in the States and other projects for the future to improve maturity in the process and improve regulation.

4. Workshop Schedule and Activities

- 4.1 Further information in this regard can be found this webpage :

<https://www.icao.int/NACC/Pages/meetings-2020-uas.aspx>

5. Outcomes/Recommendations

- 1. 5.1 Integrate all stakeholders in the development and implementation of national regulation.
- 2. 5.2 Education in the use of drones in society is an important factor to be developed and integrated in the implementation plan of the regulation.
- 3. 5.3 States could work in the standardizing as much as possible of their regulations in order to have a standard regulation in the region.

6. Accomplishments

- 6.1 It was the first event in a series of activities focused on supporting States in the development and implementation of their regulations regarding UAS operations.

ATTACHMENT/ADJUNTO

No./Núm.	NAM/CAR Regions/Regiones	SAM Region/Región	Other Regions/ Otras Regiones
1	Antigua and Barbuda	Argentina	France
2	Aruba	Bolivia (Plurinational State of)	Germany
3	Barbados	Brazil	Namibia
4	Bonaire, Sint Eustatius and Saba	Chile	Spain
5	Canada	Colombia	Ukraine
6	Cayman Islands	Ecuador	
7	Costa Rica	Panama	
8	Cuba	Paraguay	
9	Curaçao	Peru	
10	Dominican Republic	Suriname	
11	El Salvador	Uruguay	
12	Guatemala	Venezuela (Bolivarian Republic of)	
13	Guyana		
14	Haiti		
15	Honduras		
16	Jamaica		
17	Mexico		
18	Nicaragua		
19	Saint Lucia		
20	Sint Maarten		
21	Trinidad and Tobago		
22	United States		

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