



Agenda item 02: Progress achieved in the developing of the UTM CONOPS

PRESENTATION OF THE FINAL DRAFT OF THE UTM CONOPS

(Presented by the Rapporteur of working group UTM CONOPS)

SUMMARY	
This working paper (WP) presents to the Seventh Virtual Meeting of the UAS/RPAS Focal Points of the SAM and SRVSOP States, the final draft of UTM CONOPS for the SAM Region.	
References:	
<ul style="list-style-type: none">• Report of the Sixth Virtual Meetings of the UAS/RPAS Focal Points of the SAM and SRVSOP States• RVPF-UAS-RPAS/6-WP/02	
<i>ICAO Strategic Objectives</i>	Safety

1. Introduction

1.1 Unmanned aviation has evolved rapidly; consequently, the capabilities of so-called improve continuously, based on technological developments. The promising market of this new era of aviation has shown a diversified potential, being able to be applied in inspections and monitoring of critical infrastructures, surveying and mapping, filming and photography, precision agriculture, search and rescue, disaster relief and public security.

1.2 With the aim of allowing the scalability of BVLOS operations and, therefore, guaranteeing that this market is fully explored, the concept of Unmanned Aircraft Systems Traffic Management (UTM) arises, configuring a digitalized environment cooperative with industry, in which operations will be managed with little or no human intervention.

1.3 Several initiatives have been put into practice around the world, with a view to implement the UTM system, thus allowing this very promising market to be explored to its full potential.

1.4 In this sense, the UTM Group, after a series of virtual meetings and based on the guidelines established during the RVPF, elaborated the first draft of the UTM CONOPS for the SAM Region, in accordance with the schedule proposed during the Fourth Meeting of Focal Points, through WP/04.

1.5 On the Sixth Meeting of Focal Points, the first complete draft of the CONOPS UTM was presented to the SAM States, establishing a term of 45 days for the presentation of contributions.

2. **Analysis**

2.1 During the Fourth Focal Points Meeting, through WP/04, a new schedule of activities related to the development of CONOPS UTM for the SAM Region was proposed. During the Meeting, the steps involved in the preparation of the document were presented, mentioning the need for the CONOPS draft once finalized by the UTM group, to be made available to the other Focal Points before being sent to the Secretary.

2.2 During the Sixth Focal Points Meeting, through WP/02, the first complete draft of the UTM CONOPS was presented to the SAM States, establishing a term of 45 days for submitting possible contributions.

2.3 At the end of the established term and taking into account the contributions received, the final draft of the SAM UTM CONOPS was prepared, which is the purpose of this working paper.

2.4 The purpose of this working paper is to present to the other focal points and to the Secretariat, the final draft of the UTM CONOPS.

2.5 Two Appendices are being attached to this WP:

2.3.1 **Appendix A** corresponds to UTM CONOPS final draft in Pdf format.

2.3.2 **Appendix B** corresponds to UTM CONOPS final draft in Word format.

3. **Conclusion**

3.1 Based on the contributions received, the final version of the SAM Region UTM CONOPS draft was reached. Although the conceived document represents an important regulatory framework for the Latin American Region, it must be taken into account that it is a living document and, therefore, it must be revised based on technological evolution.

4. **Suggested action**

The meeting is invited to:

- a) take note of the content of this WP and its Appendices A and B;
- b) accept the UTM CONOPS final draft.
