



Agenda Item 5

Review of Task Forces activities

5.5 AGA Aeronautical Studies Task Force Report

AGA AERONAUTICAL STUDIES TASK FORCE REPORT

(Presented by the Rapporteur)

SUMMARY

In the Fifth Meeting of the GREPECAS Aerodromes and Ground Aids/Aerodrome Operational Planning Subgroup (AGA/AOP/SG/5), Decision 05/05 was issued: A Task Force on Aeronautical Studies in the field of AGA is created.

In the present Note, activities of this Task Force are reported.

References:

- Fifth Meeting of the GREPECAS Aerodromes and Ground Aids/Aerodrome Operational Planning Subgroup (AGA/AOP/SG/5)

1. Introduction

1.1 In the Fifth Meeting of the GREPECAS Aerodromes and Ground Aids/Aerodrome Operational Planning Subgroup (AGA/AOP/SG/5), Decision 5/5 was issued: A Task Force on Aeronautical Studies in the field of AGA is created, with the following assigned tasks:

- Provide technical material to AGA/AOP members to identify, in accordance with Annex 14 and Doc 9774 (Aerodromes Certification) and ICAO Document 9137, Part 6, the subjects that might require aeronautical studies in the AGA field, mainly in terms of RESAS, runway strips, obstacles, etc.
- Provide the AGA/SOP/SG the necessary mechanisms to establish the required interphases between the different areas that must participate in the AGA aeronautical studies, mainly with views to SMS implementation.

2. Objective

2.1 The Task force's proposed Working Programme is as follows:

- Indicate methodology and parameters necessary for the aeronautical studies in the AGA field;
- Indicate relationship of motives leading to the aeronautical study;
- Indicate steps for an aeronautical study;
- Provide an example of an aeronautical study on the AGA area.
- Elaboration of a guide on aeronautical studies for application in the AGA field, in accordance with ICAO Annex 14 and Doc 9774, with interfaces with other related areas that affect the aerodromes operations, to evaluate the obstacles around aerodromes, so as to, in a specific situation and always that there is a difference with the Annex, present areas and surfaces that enable instrument operations in accordance with critical aircraft. Annex 14 and Doc 9136, Part 6, are basic material and, if possible, should serve as guides in the study. In addition, RESAs and runway strips should be considered in this Guide.

3. Group composition

3.1 The task Force's composition is:

Argentina	José Alberto Palermo
Brazil	Paulo Jorge de Medeiros Viera
Colombia	Aldemar Pinzón
Costa Rica	Sidney Castellón Camacho/Miguel Cerdas
Cuba	Iraida Alfonso Valdez
Dominican Republic	Francia Peña
Haiti	Jacques Boursiquot
Mexico (<i>Rapporteur</i>)	Gilberto Vásquez Alanís
Paraguay	Roque Florentín
Trinidad and Tobago	Ronald Gittens
Venezuela	Edgar Garantón, Jaime Marquina, Cornelio Trujillo

4. Activities Developed

4.1 For the development of the assigned tasks and working programme, a draft questionnaire was prepared, which will be discussed among the Task Force members, to gather information from the States regarding the opinion of civil aviation authorities on the relevance and consequences of using aeronautical studies to fulfil possible deficiencies.

4.2 The Questionnaire draft is presented in the **Appendix** to this working paper.

5. Suggested action

5.1 The Meeting is invited to comment on the content of this working paper, and support the implementation of the suggested action.

APPENDIX

SAMPLE QUESTIONNAIRE

This objective of this questionnaire is to help establish the criteria to utilize aeronautical studies in the AGA field, as a support before States authorities, of rules and standards.

- 1) In your State, is it accepted by your aerodromes legislation to present an AGA aeronautical study, when physical or operational restrictions should prevent the fulfillment of rules and standards?
- 2) In your State, is there any expressed ruling disposition in your aerodrome related legislation that considers AGA aeronautical studies as an alternative for the case mentioned in number 1?
- 3) If you answered yes to the previous question, is there in your State aerodrome related legislation that mentions AGA aeronautical studies, any orientation on applicability (specific cases), focus, and minimal content the studies shall comply with to be accepted by the ruling authority?
- 4) If your answer to questions 2 and 3 was affirmative is there any case of AGA aeronautical studies validated by the ruling authority in your State?
- 5) If you answered yes to question 4, would your State be willing to share its experience in that field?
- 6) In case your answer to question 2 was negative, would your State consider useful to include the concepts mentioned in questions 2 and 3 in your legislation?
- 7) In the case that your State would generate legislation on AGA aeronautical studies, what technical criteria would you consider to use as a basement for it?
- 8) An AGA aeronautical study is meant to mitigate a risk due to a non conformity with a ruling disposition; this generates responsibilities in case of an accident related with the ruling of which compliance the study was supporting; what would be the opinion of your State regarding this matter?
- 9) Does your State consider that AGA aeronautical studies, as far as they are validated by the ruling authority, may be useful in aerodrome certification processes?
- 10) Is there any comment your State would like to contribute with, regarding the AGA aeronautical studies?

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