



Agenda Item 2: Analysis of Version 1 of the SAM ATS routes network

**TERMS OF REFERENCE FOR THE ESTABLISHMENT OF
A CIVIL/MILITARY COORDINATION COMMITTEE**

(Presented by the Secretariat)

Summary	
<p>This working paper presents information about ICAO SARPs and guidelines dealing with civil/military cooperation and coordination and proposes to the Meeting the establishment of a committee and/or relevant bodies to analyse these issues, as well as the terms of reference that could be used by States as reference material for their respective organisations.</p>	
References: <ul style="list-style-type: none">• Recommendations of the 35th ICAO Assembly• Annex 11 to the ICAO Convention• Circular 330 – Civil/Military Cooperation in Air Traffic Management• Document 4444 - Procedures for Air Navigation Services - ATM• Doc 8733, CAR/SAM Air Navigation Plan• GREPECAS• SAM/IG meeting reports• SAM ATS route network optimisation programme	
ICAO Strategic Objectives:	<i>A -Safety C – Environmental protection and sustainable development of air transport</i>

1 Background

1.1 Traditionally, civil/military cooperation and coordination in the South American Region has been based on a dialogue between civil and military authorities to make the best use of airspace for the two sectors and to improve cooperation for the use and, wherever possible, the integration of their respective air traffic control facilities.

1.2 Likewise, ICAO requests States to advise military authorities about ICAO provisions, such as Article 3 of the Convention on International Civil Aviation, ICAO Assembly Resolution A37-15, Appendix O, and Annex 11, Sections 2.16 and 2.17), and guidelines on civil/military coordination [*Manual concerning safety measures relating to military activities potentially hazardous to civil aircraft operations* (Doc 9554) and *Manual concerning interception of civil* (Doc 9433)], and to promote familiarisation visits by military staff to air traffic services (ATS) units.

1.3 It has also been recommended that, in order to facilitate a uniform application of ICAO standards and recommended practices on interception of civil aircraft, the States, when establishing agreements between air traffic services (ATS) units and between ATS units and the appropriate military units, use, to the extent possible, the model agreement shown in Appendix B of the *Manual concerning interception of civil aircraft* (Doc 9433).

1.4 As may be noted, the standards, recommended practices, recommendations and conclusions emanating from the various events and that have been approved for regional application, are aimed at developing mutual cooperation amongst civil and military authorities. However, not all States have established a formal civil/military cooperation and coordination committee.

1.5 These committees, or cooperation and coordination bodies, are an assurance that decisions concerning civil and military airspace management and air traffic control issues are coordinated at all levels, and are essential for the implementation of Version 2 of the ATS route network, since these routes rely on flexible use of airspace agreements.

2 Discussion

2.1 In order to establish these committees or civil/military cooperation and coordination bodies, civil aviation administrations must propose some terms of reference, which will become the objectives of such committee, and subsequently agree on a work programme, which would be developed based on the terms of reference.

Terms of reference of the Civil/Military Cooperation and Coordination Committee

2.2 The following terms of reference are submitted to the consideration of the Meeting:

- a) Attain civil/military coordination and optimum joint use of airspace, with the highest degree of safety, regularity and efficiency of international civil air traffic;
- b) Establish national policies on flexible use of airspace (FUA)
- c) Analyse and arrange for the necessary links between civil ATS units and the relevant air defence military units, to ensure, on a daily basis, integration or segregation of civil and military air traffic operating in the same volume of airspace;
- d) Assess current ICAO provisions on civil/military cooperation and coordination;
- e) Review the special use of airspace to validate actual use and reach agreements on joint use of airspace;
- f) Establish the necessary procedures for joint and flexible use of airspace;
- g) Develop and establish safety measures concerning military activities potentially hazardous for civil aircraft operations;
- h) Develop and sign letters of operational agreement between civil and military ATS units for the management of traffic in the airspace concerned;

- i) If prohibited, restricted and danger areas need to be kept, make sure that they are in compliance with Annexes 2 and 15, and that the following principles are applied:
 - 1) pay attention to the need to protect the safe and economic operation of civil aircraft;
 - 2) provide intermediate areas within the designated area, suited to the activities to be performed, based on time and size;
 - 3) use ICAO standard terminology for defining the areas;
- j) Analyse and determine, on a regular basis, the need to maintain prohibited, restricted or danger areas;
- k) Make the necessary arrangements and develop procedures for temporary reservation of airspace;
- l) Other aspects that the civil and military authorities may deem advisable to analyse within the context of the civil/military cooperation and coordination committee or other body it may consider more appropriate.

2.3 In view of the above, the following conclusion is submitted to the consideration of the Meeting for its approval:

Draft Conclusion ATRO/03 Establishment of the Civil/Military Cooperation and Coordination Committee

That SAM States that have not done so yet:

- a) take appropriate action to implement the civil/military cooperation and coordination committee or other relevant body that includes representatives of civil aviation, military aviation and other airspace users; and
- b) use the terms of reference shown in Appendix XX to this part of the report as reference material (see paragraph 2.2 of this working paper).

3 Suggested action

3.1 The Meeting is invited to:

- a) take note of the information contained herein;
- b) review and introduce the most appropriate changes to the terms of reference shown in paragraph 2.2 of this working paper;
- c) establish the civil/military cooperation committee or body that is most convenient for the State; and
- d) analyse and, if appropriate, approve, the draft conclusion contained in paragraph 2.3.