



- Agenda Item 3: Implementation of Air Traffic Flow Management (ATFM)**  
a) **Procedures for coordination between FMP/FMP**  
b) **Analysis of the use of RPL**

### ATFM PROTOCOL

(Presented by Uruguay)

<b>SUMMARY</b>	
This working paper aims to address the State's overall safety oversight responsibilities, emphasizing its commitment to safety in respect to aviation activities.	
<b>REFERENCES:</b>	
- Safety Oversight Manual - Doc. 9734 - CAR/SAM Air Traffic Flow Management Manual - Annex 19 - Safety Management	
<b>ICAO Strategic Objectives:</b>	<i>A - Safety</i> <i>B - Air navigation capacity and efficiency</i> <i>D - Economic Development of Air Transport</i> <i>E - Environmental protection</i>

#### 1. Introduction

1.1 ATFM main objectives are to increase safety of ATM system by ensuring the delivery of safe traffic densities and minimizing traffic surges, as well as to guarantee an optimum flow of air traffic throughout all phases of the operation.

1.2 In view of the importance of Air Traffic Flow Management in the SAM Region, during the RAAC/13 Meeting (Colombia, December 2013) civil aviation authorities of the South American Region committed themselves by signing the Declaration of Bogota, to achieve the goal of having at least one FMU or FMP available in the ACCs by 2016.

#### 2. Discussion

2.1 Safety oversight is the function by means of which States ensure effective implementation of the safety-related Standards and Recommended Practices (SARPs) and associated procedures contained in ICAO Annexes and related documents.

2.2 In order to achieve an effective and balanced implementation, it is also of utmost importance that States verify the planning, pre-implementation and maintain a post-implementation monitoring to ensure the efficiency and safety of ATM system. In such sense, enclosed ATFM Protocol (**Appendix A**) has been developed for planning purposes.

3. **Suggested actions:**

3.1 The Meeting is invited to:

- a) analyze ATFM Protocol presented under Appendix A;
- b) that States take necessary actions to verify the fulfillment of ATFM concerning processes.

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## ATFM PROTOCOL

Ref. Doc	Tasks description	Answer	Orientation	Remarks
ATFM Manual Chapter 4	1. Have you developed an ATFM Implementation Plan?	Yes No Does not apply	Examine planning: <ul style="list-style-type: none"> <li>• start date</li> <li>• equipment</li> <li>• date of implementation</li> <li>• lessons learned</li> </ul>	
<b>2. Analysis of airspace demand and capacity</b>				
ATFM Manual Chapter 4 4.2	2.1 Have you duly defined capacity of airport and ATC sectors?	Yes No Does not apply	1. Show registers 2. Identify which sectors already count with capacity calculation	
ATFM Manual Chapter 4 4.2	2.2 Have you developed the estimated calculation of airspace capacity (ATC SECTOR) and its Terminal Areas?	Yes No Does not apply	1. Identify, prioritize and notify the sectors requiring capacity calculation. 2. Identify sectors exceeding their capacity	
<b>3. Coordination with ATM Community</b>				
ATFM Manual Chapter 6 6.1.1	3.1 Do you foster seminars to the ATFM community, considering the airspace capacity concept for the ATFM implementation, and initiate pertinent coordination?	Yes No Does not apply	Examine attendance registers	
ATFM Manual Chapter 6 6.1.3	3.2 Have you considered the exclusion of ATFM measures for some type of aircraft?	Yes No Does not apply	Examine the operations of aircrafts and under which condition or state such have been excluded from ATFM implementation	

Ref. Documental	Descripción de las Tareas	Respuesta	Orientación	Observaciones
ATFM Manual Chapter 6 6.8.1.2	4.1 Do you develop form/contents for operational agreements among centralized ATFM units for the balance between interregional demand and capacity?	Yes No Does not apply	Examine evidences of operational agreements	
<b>5. Training</b>				
ATFM Manual Chapter 7 7.6	5.1 Do you prepare plans and ATFM training material?	Yes No Does not apply	Examine plans, programmes and registers	
<b>6. Final implementation decision</b>				
ATFM Manual Chapter 8	6.1 Did you revise factors which may affect the implementation decision?	Yes No Does not apply	Examine factors and risk evaluation	
PBN implementation plan	6.2 Have you declared pre-operational implementation within defined area?	Yes No Does not apply	Examine AIC	
PBN implementation plan	6.3 Have you declared definitive operational implementation within defined area?	Yes No Does not apply	Examine AIC	