



**Agenda Item 2: Review of air navigation matters**  
**2.3 Air navigation specific activities:**  
**2.3.3 Aerodromes and Ground Aids (AGA)**

**IMPLEMENTATION OF AERODROME CERTIFICATION**

(Presented by the Secretariat)

**SUMMARY**

This working paper addresses the requirement for certifying aerodromes and the need to implement ICAO requirements defined in Annex 14, Volume I. In order to assist and monitor the implementation of aerodrome certification process including an SMS in the CAR Region, it is recognize as very important to maintain updated the information contained in the **Appendices A and B**, attached to this WP and encourage States/Territories to review it and provide with updated information to this NACC ICAO Regional Office.

**References:**

- Annex 14, Volume 1 – *Aerodrome design and operations*.
- Doc. 9774 AN/969 - *Manual on Certification of Aerodromes*.

**Strategic  
Objectives**

*This working paper is related to Strategic Objectives A8 and D1.*

**1. Introduction**

1.1 An important aspect for the Meeting is the recognition that global trend towards greater autonomy and privatization of aerodromes and that the role of the aerodrome operator, in many cases, has changed hands from the State to the private sector. Some States have created aerodrome authorities or other government entities to manage and operate their aerodromes. However, it is recognized that the role of States to ensure safety remains unchanged in accordance with Article 28 of the Chicago Convention and ICAO SARPs.

1.2 In this context, in 2001 requirements were introduced in Annex 14, Volume I – *Aerodrome Design and Operations* for aerodromes to be certified. Included in the requirements was the provision that a certified aerodrome must implement a safety management system (SMS).

1.3 In addition, in November 2006, the safety management requirements in Annex 14, Volume I, were harmonized with those of Annex 6 and Annex 11. Also, Assembly Resolution A35-14, Appendix Q (superseded by A36-13, Appendix P) resolves that States shall undertake certification of aerodromes and should ensure that SMS is introduced at their aerodromes.

1.4 In this context, the Meeting should be aware that State's Safety Programmes (SSPs) are directed at regulators while SMS is directed at service providers such as aerodrome operators. Additionally, the requirement for SMS in Annex 14 must be implemented whether or not a State has in place its SSP.

## **2. Discussion**

2.1 A survey was carried out by ICAO NACC Regional Office in August 2006 to assess the level of implementation of aerodrome certification and SMS in States/Territories and at international aerodromes. The responses received indicated that twenty two aerodromes in the CAR Region had been certified, representing 16 per cent (22/134) of those in the responding States, while the world average was 59 per cent (401/680\*).

2.2 With respect to the implementation of SMS at international aerodromes, six aerodromes in the CAR Region had basic documentation implemented, representing 4 per cent (6/134) of those in the responding States, as opposed to 38 per cent (258/680\*) worldwide. The low level of implementation of aerodrome certification was corroborated by the results of the USOAP audits conducted under the comprehensive systems' approach where, out of the 21 States and 11 Territories audited in the CAR Region, eight had promulgated regulations requiring certification of aerodromes. With respect to SMS, 15 had promulgated regulations and were in the process of implementing SMS.

2.3 In order to increase the level of awareness by States, at both regulatory and operational levels, regarding the imminent need to certify aerodrome operations safety and the need to implement ICAO requirements defined in Annex 14, Volume I, and the CAR/SAM Air Navigation Plan, it is recognized as very important to maintain updated the information contained in Tables 1 and 2, attached to this WP in order to assist States and monitor the implementation process.

## **3. Recommended action**

3.1 The Meeting is invited to:

- a) take note of the information provided in this WP;
- b) follow-up on SARPS as well as its associated documents as guidelines for the aerodrome certification process and the implementation of SMS;
- c) update the information attached in Appendices A and B to this WP and submit it by the end of the Meeting; and
- d) consider and recommend any appropriate action.

\*Source SP AFI RAN (2008)

## APPENDIX / APÉNDICE A

**PROGRESS ON CERTIFICATION OF AERODROMES INCLUDED IN DOC 8733/FASID (CAR REGION)/  
 AVANCE EN LA CERTIFICACIÓN DE AERÓDROMOS INCLUIDOS EN EL DOC 8733/FASID (REGIÓN CAR)**

STATE/ TERRITORY ESTADO/TERRITORIO	N° OF AERODROMES N° DE AERÓDROMOS	RESPONSIBLE BODY ÓRGANO RESPONSABLE	NUMBER OF CERTIFIED AERODROMES NÚMERO DE AERÓDROMOS CERTIFICADOS		
			Certified/ Certificados	On-going/ En proceso	Planned (date)/ Planificados (fecha)
Aruba	1	DCA	1		
Bahamas	11	DCA			
Cayman Islands/Islas Caimanes	2	CAD			
Cuba	7	IACC	5		2
Dominican Republic/ República Dominicana	7	DGAC		6	
Haiti	2	OFNAC			
Jamaica	2	JCAA	1		1
Mexico	42	DGAC			
Netherlands Antilles/Antillas Neerlandesas	5	CANA	5		
Turks and Caicos Islands/ Islas Turcas y Caicos	3	CAA			
United States/ Estados Unidos	7	FAA	7		
<b>TOTAL</b>	<b>89</b>		<b>15</b>	<b>6</b>	

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## APPENDIX / APÉNDICE B

## SAFETY MANAGEMENT SYSTEM IMPLEMENTATION. / IMPLEMENTACIÓN DEL SISTEMA DE GESTIÓN DE LA SEGURIDAD OPERACIONAL

AERODROME / AERÓDROMO	AERODROMES WITH SMS IMPLEMENTED / AERÓDROMO CON SMS IMPLANTADO	SMS implementation / Implementación SMS				
		Finished / Terminado	Underway / En proceso		Planned / Planificado	
		Date of publication / Fecha de publicación	Dates / Fechas:		Dates / Fechas:	
			Beginning / Comienzo	Scheduled publication / Publicación programada	Beginning / Comienzo	End / Final
Aruba						
Bahamas						
Cayman Islands / Islas Caimanes						
<b>Cuba</b> / Ignacio Agramonte, Camaguey			1-09-2006	1-12-2007		
<b>Cuba</b> / Vilo Acuña, Cayo Largo del Sur			1-09-2006	1-12-2007		
<b>Cuba</b> / José Martí, La Habana			1-09-2006	1-12-2007		
<b>Cuba</b> / Frank País, Holguín.			1-09-2006	1-12-2007		
<b>Cuba</b> / Antonio Maceo, Santiago de Cuba			1-09-2006	1-12-2007		
<b>Cuba</b> / Juan Gualberto Gómez, Varadero			1-09-2006	1-12-2007		
Dominican Republic / República Dominicana						
Haiti						
Jamaica	1					
Mexico						
Netherlands Antilles / Antillas Neerlandesas						

<b>AERODROME / AERÓDROMO</b>	<b>AERODROMES WITH SMS IMPLEMENTED / AERÓDROMO CON SMS IMPLANTADO</b>	<b>SMS implementation / Implementación SMS</b>				
		<b>Finished / Terminado</b>	<b>Underway / En proceso</b>		<b>Planned / Planificado</b>	
		<b>Date of publication / Fecha de publicación</b>	<b>Dates / Fechas:</b>		<b>Dates / Fechas:</b>	
			<b>Beginning / Comienzo</b>	<b>Scheduled publication / Publicación programada</b>	<b>Beginning / Comienzo</b>	<b>End / Final</b>
Turks and Caicos / Islas Turcas y Caicos						
United States / Estados Unidos						