



International Civil Aviation Organization

CAR/SAM Regional Planning Implementation Group (GREPECAS)

**Sixth Meeting of the GREPECAS Aerodromes and Ground Aids / Aerodrome Operational Planning Subgroup (AGA/AOP/SG/6)**

San Jose, Costa Rica, 23 to 27 June 2008

AGA/AOP/SG/6-WP/06

17/04/08

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**Agenda Item 3**

**Review of AGA Deficiencies**

**3.4 Emergency Plans and Emergency Operations Centre**

**EMERGENCY PLANS AND EMERGENCY OPERATIONS CENTRE (EOC)**

(Presented by the Secretariat)

**SUMMARY**

This working paper presents a general view of the Emergency Plans and Emergency Operation Centres (EOC) in the States/Territories of the CAR/SAM Regions. Likewise, presents a comparison between the results obtained in 2008, 2006 and 2004 in percentage.

**References:**

- Survey to States/Territories (SA956 of 18/12/07);
- Annex 14, Volume I, Aerodrome Design and Operations, Chapter 9, Fourth Edition, July 2004; and
- Doc 9137-AN/898, Airport Services Manual, Part 7, Airport Emergency Planning, Second Edition, 1991.

**1. Introduction**

1.1 Chapter 9 of Annex 14, Volume I, “Aerodrome operational services, equipment and installations” and Doc 9137 Airport Services Manual, Part 7, “*Airport Emergency Planning*” present the minimum conditions for aerodrome emergency planning and Emergency Operation Centres (EOC) at international airports. These are fundamental aspects for aircraft / airport safe operations.

1.2 ICAO missions to States/Territories allowed verifying some of the problems in the compliance with minimum requirements both in emergency plans and in the implementation of emergency operation centres.

**2. Problems observed in regular missions and results to States/Territories’ surveys**

2.1 Even though the number of emergency plans and emergency operations centres have increased, the main problems informed by the Secretariat through WP/6 and WP/7 presented at AGA/AOP/SG/4 and AGA/AOP/SG/5 meetings, respectively, continue and they are repeated as follows:

- a) the lack of awareness on the effect of emergency plans and EOC for aircraft / airport safe operations;
- b) the lack of emergency plans;

- c) outdated emergency plans;
- d) lack of emergency plan total or partial exercises (drills);
- e) the discontinuity of having partial drills in the year following a complete drill in order to correct problems;
- f) the non implementation of EOCs;
- g) basic information of the EOC that has not been updated; and
- h) the lack of practices of EOCs, among other aspects.

2.2 The main results of the surveys to CAR/SAM States/Territories are presented in Tables 01 and 02, respectively, for the CAR and SAM Regions, contained in the **Appendix** to this working paper. In addition, Table 01 from the same Appendix indicates an increment of 12% and 24%, respectively, between 2004 and 2006 in the implementation of the emergency plans and emergency operations centre, on behalf of the CAR Region States. For the SAM Region these increments were 15% and 11%, respectively, between 2004 and 2006 and 4% and 9% between 2006 and 2008.

### 3. **Suggested action**

3.1 The Meeting is invited to take note, review, comment and update the information contained in the Appendix to this working paper, and to consider the actions required by ICAO in order to implement the use of emergency plans and EOCs at international airports, and, if applicable, to indicate the need of specific training related to this issue.

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**RESULTS OF THE EMERGENCY PLAN AND EMERGENCY OPERATION CENTRES (EOC) SURVEY TO STATES/TERRITORIES**

**AERODROMES INCLUDED IN THE AIR NAVIGATION REGIONAL PLAN (ANP)**

**Table 01 – Survey Results CAR Region**

STATE/ TERRITORY	NO. OF AERODROMES	EMERGENCY PLANS				EOC		
		How many		Updated exercises		How many	Updated (1)	Planned
		Have	Updated (1)	Full (2)	Partials (3)			
Anguila	1	1	1	1	1	1		
Antigua y Barbuda	1							
Aruba	1							
Bahamas	11							
Barbados	1	1	1	1	1	1		
Belize	1	1	1	1	1	1		
Bermuda	3							
British Virgin Islands	2	2	2	2	2	2		
Cayman Islands	2							
Costa Rica	4	4	4	4	4	4		
Cuba	7	7	7	7	7	7		
Dominican Republic	7							
El Salvador	2							
French Antilles	4	4	4			4	4	
Grenada	2							
Guatemala	4							
Haiti	2							
Honduras	4	4	4	4	4	4		
Jamaica	2	2	2	2	2	2		
Mexico	42	33	33	33	33	33		
Montserrat	1	1	1	1	1	1		
Netherlands Antilles	5	3	3	3	3	3		
Nicaragua	2							
Saint Kitts and	2	2	2			2	2	

STATE/ TERRITORY	NO. OF AERODROMES	EMERGENCY PLANS				EOC		
		How many		Updated exercises		How many	Updated (1)	Planned
		Have	Updated (1)	Full (2)	Partials (3)			
Nevis								
Saint Lucia	2	1	1			1	1	
Saint Vicent and Grenadines	5							
Trinidad and Tobago	2	2	2			2	2	
Turks and Caicos Islands	3	3	3			3	3	
United States	7	7	7	7	7	7	7	
Dominica	2	1	1			1	1	
<b>TOTAL</b>	<b>134</b>	<b>80</b>	<b>80</b>	<b>66</b>	<b>66</b>	<b>80</b>	<b>80</b>	<b>0</b>
TOTAL (2004)	134	70	65	66	66	61	61	3
<b>Increase (%) respect to 2004</b>	<b>---</b>	<b>12.5</b>	<b>18.8</b>	<b>---</b>	<b>---</b>	<b>23.8</b>	<b>23.8</b>	<b>0</b>

(1) Have not been updated for more than 5 years (before 2001)

(2) Every two years

(3) In the year subsequent to the complete exercise (confusion on behalf of States and Territories)

**Table 02 – Results of the inquiry (SAM Region)**

STATE/ TERRITORY	NO. OF AERODROMES	EMERGENCY PLANS				EOC		
		How many		Updated exercises		How many	Updated (1)	Planned
		Have	Updated (1)	Full (2)	Partials (3)			
Argentina	16	16	16	16	16	16	---	
Bolivia	05	03	03	03	02	03	---	
Brazil	26	26	26	26	21	21+05	---	
Chile	08 <sup>(1)</sup>	08	08	08	08	08	---	
Colombia	08	08	05+03	05+02	05+03	07	06-01	
Ecuador	04	04	03	03	03	03	---	
Guyana	01	01	01	01	01	01	---	
French Guyana	01							
Panama	05							
Paraguay	02	01+01	01+01	---	01+01	01+01	---	
Peru	08	08	08	08	---	08	---	
Surinam	03	01						
Uruguay	06	06	06	02	04	01+03	---	
Venezuela	07							
<b>TOTAL (2008)</b>	<b>99*</b>	<b>83</b>	<b>81</b>	<b>74</b>	<b>65</b>	<b>78</b>	<b>72</b>	
<b>TOTAL (2006)</b>	99*	80	76	71	60	68	66	
<b>TOTAL (2004)</b>	105	70	65	66	53	61	3	
<b>Increase (%) 2006 to 2008</b>	---	<b>18.57</b>	<b>24.62</b>	<b>12.12</b>	<b>22.64</b>	<b>27.87</b>	<b>20.00</b>	
<b>Increase (%) 2004 to 2006</b>	---	<b>3.75</b>	<b>6.58</b>	<b>4.23</b>	<b>8.33</b>	<b>14.71</b>	<b>9.09</b>	
	---	<b>14.29</b>	<b>16.92</b>	<b>7.58</b>	<b>13.21</b>	<b>11.48</b>	<b>10.00</b>	

<sup>(1)</sup> TEMUCO/Manquehue was removed from the ANP, in accordance with amendment circulated to all States.

(1) Not updated in the last 5 years (before 2001)

(2) Every 2 years

(3) In the year immediately the year of the full exercise (confusion on behalf of States/Territories)

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