



ICAO

International Civil Aviation Organization  
South American Regional Office  
Second SAM Region AGA/AOP Focal Points Meeting  
(SAMAGA/02)  
*Video Teleconference, 20, 21 & 22 June 2022*

## Agenda Item 4: AERODROME OPERATIONS CAPACITY AND EFFICIENCY

### AOP Air Navigation Deficiencies Record (GANDD)

(Presented by Secretariat)

EXECUTIVE SUMMARY	
This working paper presents information on AGA/AOP area SAM Region deficiencies in the Regional Air Navigation Plan status to date and a request to update the database.	
<b>Action item:</b>	See section 3
<i>Strategic Objectives:</i>	<ul style="list-style-type: none"><li>• Safety</li><li>• Air Navigation Capacity and Efficiency</li></ul>
<i>References:</i>	<ul style="list-style-type: none"><li>• Air navigation deficiencies identification, evaluation and notification uniform methodology according to the ICAO Council.</li><li>• GREPECAS Air Navigation Deficiencies Database (GANDD)</li></ul>

## 1. INTRODUCTION

1.1 In accordance with its functions and based on the air navigation deficiencies identification, evaluation and notification uniform methodology formulated by the ICAO Council, GREPECAS periodically reviews the CAR/SAM Regional Air Navigation Plan implementation status at their meetings, with a view to determining their implementation level and identifying, to the extent possible, deficiencies in the air navigation areas in these two Regions.

1.2 According to the *Air Navigation Deficiencies Identification, Evaluation and Notification Uniform Methodology* set forth in the GREPECAS manual of procedures, appendix F, three levels of priority could be established as a general guideline based on the impact on air navigation services safety, regularity and efficiency:

- **Priority “U”** = urgent requirements that have a direct impact on safety and require immediate corrective action.
- **Priority “A”** = air navigation necessary safety high priority requirements.
- **Priority “B”** = air navigation necessary regularity and efficiency intermediate requirements.

## 2. DISCUSSION

2.1 Currently the GANDD database can be accessed from the link [https://www.icao.int/GREPECAS/Pages/ES/Access\\_GANDD\\_ES.aspx](https://www.icao.int/GREPECAS/Pages/ES/Access_GANDD_ES.aspx). When reviewing the deficiency reports, although there are no type "U" AGA/AOP deficiencies identified, a series of A and B deficiencies have not been updated for a considerable time. A report is attached to this working paper as “**Attachment A**”.

2.2 ICAO is reviewing the air navigation identification, evaluation and notification deficiencies Uniform Methodology to see the feasible improvements in light of the Global Air Navigation Plan (GANP) and the Global Plan for aviation safety (GASP), in addition to seeking to avoid functions duplication with the USOAP CMA audit program.

2.3 Notwithstanding the foregoing, in order to keep the database updated and in consideration of the new information provided by ICAO in the GANP portal (<https://www4.icao.int/ganpportal/BBB>) about the BBB (basic building blocks) and the FASID change towards a Volume II with simplified AOP information, it is proposed that the States AGA/AOP Focal Points, in coordination with the Secretariat, discuss the possibility of working on an deficiencies identification simplified category, so that it effectively responds to the objectives sought by the methodology.

## 3. SUGGESTED ACTION

3.1 SAMAGA meeting is invited to:

- a. Take note of the information presented in this working paper;
- b. Those States that have active deficiencies (attachment A) take actions to update and/or present action plans for their resolution directly in the GANDD system or through the Regional Office;
- c. Comment on the proposal stated under 2.3.

- THE END -

# OUTSTANDING DEFICIENCIES

## REPORTING FORM ON AIR NAVIGATION DEFICIENCIES IN THE AGA FIELD IN THE SAM REGION

IDENTIFICATION			DEFICIENCY				ACTION PLAN			
ID	Requirements	States/facilities	Description	Date first reported	Remarks	Priority	Description	Executing body	Date of completion	Remarks
1	2	3	4	5	6	7	8	9	10	11
<b>ARG Argentina</b>										
AGA 150 SAM	Visual aids (Doc 8733, Vol. II, FASID and Annex 14, Vol. I, Ch. 5)	Argentina/COMODORO RIVADAVIA/General Moscón Aerodrome	No precision approach Category I lighting system at RWY 25, as recommended by the Regional ANP	DEC/ 2002	Detected during mission conducted by ICAO Secretariat	B	Provide precision approach Category I lighting system at RWY 25 and/or inform the ICAO SAM Office when it will be done "PENDING ACTION PLAN" ACTION PLAN: It is scheduled in the Airport Construction Plan for DEC 2007 (AGA/AOP/SG/4, Mexico, 15-18 NOV 04)	Argentina	MAR/ 2018	AGA Mission 2012 - Installation by 2013. The project has been approved by the ORSNA investment plan.  Installation re-programme for 2015 by ORSNA  Installation initiated in March 2015  Installation of 590m planned for March 2018. Reported by State on July 2017
AGA 153 SAM	Physical characteristics (Doc 8733, Vol. II, FASID and Annex 14, Vol. I, Ch. 3.8)	Argentina/CORDOBA/In g. Aer. Taravella Aerodrome	There is no TWY parallel to RWY 18, as it is recommended by the Regional ANP	DEC/ 2002	Detected during mission conducted by ICAO Secretariat	B	Construct a parallel TWY to RWY 18 and/or inform to the ICAO SAM Office when it will be built "PENDING ACTION PLAN" ACTION PLAN: Scheduled in the Airport Construction Plan for DEC 2006 (AGA/AOP/SG/4, Mexico, 15-18 NOV 04)	Argentina	DEC/ 2015	AGA Mission 2012 - The construction of the parallel taxiway has been included in the Master Plan and it is expected by 2015.  As of JUNE 2017, still open item pending of ORSNA
AGA 167 SAM	Visual aids (Doc 8733, Vol. II, FASID and Annex 14, Vol. I, Ch. 5)	Argentina/MENDOZA/EI Plumerillo Aerodrome	No simple approach lighting system at RWY 18, as recommended by the Regional ANP	DEC/ 2002	Detected during mission conducted by ICAO Secretariat	B	Provide simple approach lighting system at RWY 18 and/or inform the ICAO SAM Office when it will be done "PENDING ACTION PLAN" ACTION PLAN: Scheduled in the Airport Construction Plan for DEC 2006 (AGA/AOP/SG/4, Mexico, 15-18 NOV 2004)	Argentina	DEC/ 2006	AGA Mission 2012 - It has been included in the Master Plan  ORSNA Investment Plan for 2014-2015 does not include installation of approach lights in RWY 18  JUNE 2017: Still pending

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AGA 168 SAM	Visual aids (Doc 8733, Vol. II, FASID and Annex 14, Vol. I, Ch. 5)	Argentina/MENDOZA/EI Plumerillo Aerodrome	No precision approach Category I lighting system at RWY 36, as it is recommended by the Regional ANP	DEC/ 2002	Detected during mission conducted by ICAO Secretariat	B	Provide precision approach Category lighting system at RWY 36 and/or inform the ICAO SAM Office when it will be done "PENDING ACTION PLAN" ACTION PLAN: Scheduled in the Airport Construction Plan for DEC 2005 (AGA/AOP/SG/4, Mexico, 15-18 NOV 2004)	Argentina	DEC/ 2005	AGA Mission 2012 - It has been included in Master Plan  ORSNA Investment Plan for 2014-2015 does not include installation of approach lights system CAT I in RWY 36  JUNE 2017: under installation process.
AGA 202 SAM	Physical characteristics (Doc 8733, Vol. II, FASID and Annex 14, Vol. I, Ch. 3.8)	Argentina/SALTA/Salta Aerodrome	No parallel TWY to RWY 01, as it is recommended by the Regional ANP	DEC/ 2002	Detected during mission conducted by ICAO Secretariat	B	Construct parallel TWY to RWY 01 and/or inform the ICAO SAM Office when it will be done "PENDING ACTION PLAN" ACTION PLAN: Scheduled in the Airport Construction Plan for DEC 2007 (AGA/AOP/SG/4, Mexico, 15-18 NOV 2004)	Argentina	DEC/ 2007	AGA Mission 2012 - included in Master Plan and investment plan 2013-2018  JUNE 2017: todavia mantiene condición
AGA 216 SAM	Visual aids (Doc 8733, Vol. II, FASID and Annex 14, Vol. I, Ch. 5)	Argentina/USHUALA/Ma lvinas Argentinas Aerodrome	No precision approach Category I lighting system at RWY 25, as it is recommended by the Regional ANP	DEC/ 2002	Detected during mission conducted by ICAO Secretariat	B	Provide precision approach Category I lighting system at RWY 25 and/or inform the ICAO SAM Office when it will be done "PENDING ACTION PLAN"	Argentina		June 2017: State reports that there are no plans for its installation.

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<b>BRA Brasil</b>										
AGA 137 SAM	Visual aids (Annex 14, Vol. I, Chap. 3, 9, Doc 9737 Part 8, Doc 9476, Doc 9157)	Brasil, SAO PAULO/Guarulhos	Apron congested for the type of aircraft proposed	MAY/ 2002	IFALPA Annex 19 Part 3 19-3-SAM-1	B	Adequate/manage apron for accommodate number of aircraft "PENDING ACTION PLAN"	INFRAERO/Br azil	JUN/ 2007	<b>ACTION PLAN:</b> Terminals expansion is underway. The positions will be gradually open until NOV 2005. Expansion of the apron/RWYs/TWYs to be started in DEC 2004 with duration of 30 months (Letter 767/CERNAI-ANA, dated 31 AUG 2004, Of. No. 121/SIE/11975/ DAC, dated 24 AUG 2004 and OF No. 9616/DO-DOGP/2004/INFRAERO, dated 04 AUG 2004
AGA 470 SAM	Doc 8733, FASID CAR/SAM – AOP	BRAZIL/ANAC/INFRAERO/Campo Grande Int1	ANP requires RFF CAT 8. It is CAT 7	AUG/ 2006	ICAO regular mission (01-03 AUG/06, Recommended Action AGA/01 of its respective Report)	A	Upgrade RFF to CAT 8	BRAZIL/ANAC/INFRAERO		
AGA 471 SAM	Doc 8733, FASID CAR/SAM – AOP	BRAZIL/ANAC/INFRAERO/Corumbá Int1	There is no PAPI for RWY 09	AUG/ 2006	ICAO regular mission (01-03 AUG/06, Recommended Action AGA/02 of its respective Report)	B	Install PAPI for RWY 09	BRAZIL/ANAC/INFRAERO		
AGA 472 SAM	Doc 8733, FASID CAR/SAM – AOP	BRAZIL/ANAC/INFRAERO/Afonso Pena Int1	ANP requires PA3 type for RWY 15. It PA2	AUG/ 2006	ICAO regular mission (01-03 AUG/06, Recommended Action AGA/03 of its respective Report)	B	Upgrade Pista 15 to PA3	BRAZIL/ANAC/INFRAERO		
AGA 473 SAM	Doc 8733, FASID CAR/SAM – AOP	BRAZIL/ANAC/INFRAERO/Afonso Pena Int1	There is no simple approach lighting system for RWY 33	AUG/ 2006	ICAO regular mission (01-03 AUG/06, Recommended Action AGA/04 of its respective Report)	B	Install simple approach lighting system for RWY 33. Activity in progress, instalation expected to be completed by the second semester of 2011.	BRAZIL/ANAC/INFRAERO	DEC/ 2011	

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AGA 474 SAM	Doc 8733, FASID CAR/SAM – AOP	BRAZIL/ANAC/INFRAERO/Pinto Martins Int1	There is no precision approach lighting system for RWY 13	AUG/ 2006	ICAO regular mission (01-03 AUG/06, Recommended Action AGA/05 of its respective Report)	B	Install precision approach lighting system for RWY 13. Implementation in progress. Installation planning to be completed by the first semester of 2011. Installation itself to be completed by the second semester of 2012.	BRAZIL/ANAC/INFRAERO	DEC/ 2012	
AGA 475 SAM	Doc 8733, FASID CAR/SAM – AOP	BRAZIL/ANAC/INFRAERO/Augusto Severo Int1	There is no precision approach lighting system for RWY 16L	AUG/ 2006	ICAO regular mission (01-03 AUG/06, Recommended Action AGA/06 of its respective Report)	B	Install precision approach lighting system for RWY 16L. Implementation in progress. Installation planning to be completed by the first semester of 2011. Installation itself to be completed by the second semester of 2012.	BRAZIL/ANAC/INFRAERO	DEC/ 2012	
AGA 477 SAM	Doc 8733, FASID CAR/SAM – AOP	BRAZIL/ANAC/INFRAERO/Guararapes Int1	There is no precision approach lighting system for RWY 18	AUG/ 2006	ICAO regular mission (01-03 AUG/06, Recommended Action AGA/08 of its respective Report)	B	Install precision approach lighting system for RWY 18. Actividad in progress. Installation planning to be completed by the first semester of 2011. Installation itself to be completed by the second semester of 2012.	BRAZIL/ANAC/INFRAERO	DEC/ 2012	
AGA 478 SAM	Doc 8733, FASID CAR/SAM – AOP	BRAZIL/ANAC/INFRAERO/Rio de Janeiro Int1	There is no runway centre line lighting for RWY 15 as required by the ANP	AUG/ 2006	ICAO regular mission (01-03 AUG/06, Recommended Action AGA/09 of its respective Report)	B	Install runway centre line lighting for RWY 15 or request amendment to the ANP	BRAZIL/ANAC/INFRAERO		
AGA 479 SAM	Doc 8733, FASID CAR/SAM – AOP	BRAZIL/ANAC/INFRAERO/Rio de Janeiro Int1	There is no runway touchdown zone lighting for RWY 15 as required by the ANP	AUG/ 2006	ICAO regular mission (01-03 AUG/06, Recommended Action AGA/10 of its respective Report)	B	Install runway touchdown zone lighting for RWY 15 or request amendment to the ANP	BRAZIL/ANAC/INFRAERO		
AGA 480 SAM	Doc 8733, FASID CAR/SAM – AOP	BRAZIL/ANAC/INFRAERO/Rio de Janeiro Int1	There is no taxiway centre line lighting for RWY 15 as required the ANP	AUG/ 2006	ICAO regular mission (01-03 AUG/06, Recommended Action AGA/11 of its respective Report)	B	Install taxiway centre line lighting for RWY 15 or request amendment to the ANP	BRAZIL/ANAC/INFRAERO		
AGA 481 SAM	Doc 8733, FASID CAR/SAM – AOP	BRAZIL/ANAC/INFRAERO/Rio de Janeiro Int1	There is no stop bars to RWY 15 as required by the ANP	AUG/ 2006	ICAO regular mission (01-03 AUG/06, Recommended Action AGA/12 of its respective Report)	B	Install stop bars to RWY 15 or request amendment to the ANP	BRAZIL/ANAC/INFRAERO		

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AGA 482 SAM	Doc 8733, FASID CAR/SAM – AOP	BRAZIL/ANAC/INFRAERO/Deputado Luis Eduardo Magalhaes Int1	There is no precision approach lighting system for RWY 10	AUG/ 2006	ICAO regular mission (01-03 AUG/06, Recommended Action AGA/13 of its respective Report)	B	Install precision approach lighting system for RWY 10. Activity in progress. Installation planning to be completed by July 2010.	BRAZIL/ANAC/INFRAERO		
AGA 483 SAM	Doc 8733, FASID CAR/SAM – AOP	BRAZIL/ANAC/INFRAERO/Santarém Int1	There is no TWY for RWY 10 as required by the ANP	AUG/ 2006	ICAO regular mission (01-03 AUG/06, Recommended Action AGA/14 of its respective Report)	B	Construct TWY for RWY 10	BRAZIL/ANAC/INFRAERO		
AGA 484 SAM	Doc 8733, FASID CAR/SAM – AOP	BRAZIL/ANAC/INFRAERO/Santarém Int1	There is no precision approach lighting system for RWY 10	AUG/ 2006	ICAO regular mission (01-03 AUG/06, Recommended Action AGA/15 of its respective Report)	B	Install precision approach lighting system for RWY 10. Implementation in progress. Installation planning to be completed by the first semester of 2011.	BRAZIL/ANAC/INFRAERO		
AGA 485 SAM	Doc 8733, FASID CAR/SAM – AOP	BRAZIL/ANAC/INFRAERO/Santarém Int1	There is no taxiway edge lighting for RWY 10	AUG/ 2006	ICAO regular mission (01-03 AUG/06, Recommended Action AGA/16 of its respective Report)	B	Install taxiway edge lighting for RWY 10	BRAZIL/ANAC/INFRAERO		
AGA 486 SAM	Doc 8733, FASID CAR/SAM – AOP	BRAZIL/ANAC/INFRAERO/Santarém Int1	There is no TWY centre line marking for RWY 10	AUG/ 2006	ICAO regular mission (01-03 AUG/06, Recommended Action AGA/17 of its respective Report)	B	Paint TWY centre line marking for RWY 10	BRAZIL/ANAC/INFRAERO		
AGA 487 SAM	Doc 8733, FASID CAR/SAM – AOP	BRAZIL/ANAC/INFRAERO/Santarém Int1	There is no TWY holding position marking for RWY 10	AUG/ 2006	ICAO regular mission (01-03 AUG/06, Recommended Action AGA/18 of its respective Report)	B	Paint TWY holding position marking for RWY 10	BRAZIL/ANAC/INFRAERO		
AGA 488 SAM	Doc 8733, FASID CAR/SAM – AOP	BRAZIL/ANAC/INFRAERO/Santarém Int1	There is no PAPI for RWY 28	AUG/ 2006	ICAO regular mission (01-03 AUG/06, Recommended Action AGA/19 of its respective Report)	B	Install PAPI for RWY 28	BRAZIL/ANAC/INFRAERO		
AGA 489 SAM	Doc 8733, FASID CAR/SAM – AOP	BRAZIL/ANAC/INFRAERO/Marechal Cunha Machado Int1	ANP requires RFF CAT 8. It is CAT 7	AUG/ 2006	ICAO regular mission (01-03 AUG/06, Recommended Action AGA/20 of its respective Report)	B	Update RFF to CAT 8	BRAZIL/ANAC/INFRAERO		
AGA 490 SAM	Doc 8733, FASID CAR/SAM – AOP	BRAZIL/ANAC/INFRAERO/Marechal Cunha Machado Int1	There is no precision approach lighting system for RWY 06	AUG/ 2006	ICAO regular mission (01-03 AUG/06, Recommended Action AGA/21 of its respective Report)	B	Install precision approach lighting system for RWY 06. Activity in progress. Installation planning to be completed by the first semester of 2011.	BRAZIL/ANAC/INFRAERO		

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AGA 491 SAM	Doc 8733, FASID CAR/SAM – AOP	BRAZIL/ANAC/INFRAERO/Marechal Cunha Machado Int 1	There is no PAPI for RWY 24	AUG/ 2006	ICAO regular mission (01-03 AUG/06, Recommended Action AGA/22 of its respective Report)	B	Install PAPI for RWY 24	BRAZIL/ANAC/INFRAERO		

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<b>COL Colombia</b>										
AGA 41	SAM RWY strip (Annex 14, Vol. I, Chap. 3)	Colombia, RIO NEGRO/Jose Maria Cordoba Airport	Presence of a trapezoidal elevation (base of 15 m x 3 m and 0.6 m high) of the natural terrain in the direction of the TDZ of the 36 end at the RWY strip	JUL/ 2001	Detected during mission conducted by ICAO Secretariat	B	Remove the natural terrain elevation "PENDING ACTION PLAN"	Colombia	OCT/ 2011	<p>The operator requested the publication of a permanent precaution NOTAM to be published in the AIP RRHH Colombia due to the contact zone be located next to the east side of the RWY that belongs to the Colombian Air Force, communicated by letter 002-11-01-00-3020/11 from airplan (operator) 10/08/11.</p> <p>Air Force meetings were held regarding the areas where the trapezoidal surface is located, which will be returned to the airport operator concession so the RWY strip could be leveled. Pending formalization of documents 10/07/2015</p>
AGA 43	SAM RWY end safety area (Annex 14, Vol. I, Chap. 3)	Colombia, RIO NEGRO/Jose Maria Cordoba Airport	There is no available area for stopway, strip and RESA at 36 end	JUL/ 2001	Detected during mission conducted by ICAO Secretariat	A	Evaluate alternatives to comply with the standard. If threshold to be displaced: a) coordinated radioaids displacement with Aerocivil b) displacement of radioaids c) threshold displacement of RWY36 in 58m	Colombia	AUG/ 2011	<p>Communicated by letter 002-11-01-00-3020/11 from airplan (operator) 10/08/11. a) DEC 2011 b) JUN 2012 c) JUL 2012</p> <p>The threshold will be displaced by 60mts, as well as the ALS lights. Also the area to conform the RESA will be leveled 10/07/2015.</p>

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AGA 49 SAM	RWY end safety area (Annex 14, Vol. I, Chap. 3)	Colombia, SANTAFE DE BOGOTA/Eldorado Airport	There is no RESA at 13L end (North RWY). The natural terrain presents many irregularities	JUL/ 2001	Detected during mission conducted by ICAO Secretariat	B	Construct RESA at 13L end (North RWY). Level the natural terrain "PENDING ACTION PLAN"	Colombia		Underway: construction of RESA, leveling strip of the runway end and construction of anti jet protection zone at RWY 13L 07/10/2015.
AGA 50 SAM	Obstacles (Annex 14, Vol. I, Chap. 4)	Colombia, SANTAFE DE BOGOTA/Eldorado Airport	RVR at TDZ of 13R end is not frangible (South RWY). There is a rigid concrete base (0.6 m high)	JUL/ 2001	Detected during mission conducted by ICAO Secretariat	B	Install a frangible structure for the RVR at TDZ of 13R end "PENDING ACTION PLAN" ACTION PLAN: The structure of the RVR in RWY 13R will be changed (Doc 1003-003H4, 26 JAN 2004, UAEAC, Colombia)	Colombia	NOV/ 2004	Pending contracting process for the leveling of south RWY strip, to date has not been decided who will be in charge of the process: the CAA or the Concession responsible for the RWY maintenance.
AGA 53 SAM	Obstacles (Annex 14, Vol. I, Chap. 4)	Colombia, SANTAFE DE BOGOTA/Eldorado Airport	RVR at TDZ of 13L end is not frangible (North RWY). There is a rigid concrete base (0.3 m high)	JUL/ 2001	Detected during mission conducted by ICAO Secretariat	B	Install a frangible structure for the RVR at TDZ of 13L end "PENDING ACTION PLAN" ACTION PLAN: The structure of the RVR in RWY 13L will be changed (Doc 1003-003H4, 26 JAN 2004, UAEAC, Colombia)	Colombia	NOV/ 2004	Underway leveling of the North RWY strip 10/07/2015.
AGA 58 SAM	Stopway zone (Annex 14, Vol. I, Chap. 9)	Colombia, SANTAFE DE BOGOTA/Eldorado Airport	No paved stopway zone at 31R end (North RWY)	JUL/ 2001	Detected during mission conducted by ICAO Secretariat	B	Construct stopway zone "PENDING ACTION PLAN"  In the AIP, removed SWY was declared, however, RESA was built runway end strip was leveled and antichorro protection area was built.  CORRECTED	Colombia	JUL/ 2015	
AGA 112 SAM	RWY strip (Annex 14, Vol. I, Chap. 3)	Colombia, LETICIA/Alfredo Vasquez Cobo	Very uneven RWY strip with garbage and weed grown	MAY/ 2002	IFALPA Annex 19 Part 3 19-3-SAM-1	B	Clean and level the RWY strip. Remove the weeds "PENDING ACTION PLAN"	Colombia		Left side of RWY 03-21 has been leveled, the construction works on the RWY right side have been scheduled for 2016 and 2017 07/10/2015.

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AGA 298 SAM	RWY Strip/Equipment and Installations (Annex 14, Vol. I, Chs. 3 & 8)	COLOMBIA/SANTAFÉ DE BOGOTÁ/Eldorado	There are concrete boxes for cables and rigid bases for PAPIs, approximately 20 cm above the ground level.	MAY/ 2003	ICAO Regular Mission (15/16 MAY 2003, Recommended Action AGA/16 of its respective Report	A	Correct these problems in order to have the concrete boxes for cables and the rigid bases for PAPIs at the ground level "PENDING ACTION PLAN"	COLOMBIA/AEROCIVIL		Underway leveling works in the North RWY strip. 10/07/2015
AGA 300 SAM	Obstacles (Annex 14, Vol. I, Ch. 4)	COLOMBIA/SANTAFÉ DE BOGOTÁ/Eldorado	There are trees at, approximately, 30 m from the RWY strip edge	MAY/ 2003	ICAO Regular Mission (15/16 MAY 2003, Recommended Action AGA/19 of its respective Report)	B	Require the monitoring and control of the heights of these trees in order to avoid their interference on the inner transitional surface (If necessary, they must be cut and kept at adequate height) "PENDING ACTION PLAN"	COLOMBIA/AEROCIVIL	APR/ 2011	Responsible body: AEROCIVIL Environmental and Sanitary Group, expected completion 2012.  There is a project for 2015 to cut and trim 2,000 trees penetrating the RWY transition surface that could generate operational safety risks. 10/07/2015
AGA 451 SAM	Annex 14, Vol. I, Ch. 3, Parag. 3.2.4	COLOMBIA/AEROCIVIL/BOGOTA/El Dorado Int'l Airport	Unevenness between taxiways/runways with shoulders	OCT/ 2005	ICAO regular mission (28-30/SEP/2005, Recommended Action AGA/04 of its respective Report)	A	Eliminate unevenness between taxiways /runways and shoulders	AEROCIVIL/B OGOTA/El Dorado Int'l Airport	2006	Underway, leveling works at the North RWY strip.
AGA 495 SAM	RWY surface conditions (Annex 14, Vol. I, Chap. 3)	Colombia, SAN ANDRES/Sesquicentenario Aerodrome	Rubber contamination on 1st 1000 m of RWY 06. Uneven RWY surface holds numerous large puddles after rain. Poor quality of pavement		IFALPA (ref. EC 2/28)	A	Adopt and implement an airport maintenance programme "PENDING ACTION PLAN"	Colombia		In the process of contracting the repaving of the RWY, taxiways and platform 10/07/2015.

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1	2	3	4	5	6	7	8	9	10	11
<b>ECU Ecuador</b>										
AGA 305 SAM	Bird Strike (Annex 14, Vol. I, Ch. 9, Enmienda 5)	ECUADOR/DAC	There is no National Bird Strike Committee	MAY/ 2003	ICAO Regular Mission (12-14 MAY 2003, Recommended Action AGA/04 of its respective Report)	A	Create and implement the National Bird Strike Prevention Committee and the Airport Coordinate Committees "PENDING ACTION PLAN" ACTION PLAN: Quito Airport has Airport Coordinating Committee. The National Committee will be implemented in 2006 (Doc DGAC-k3-O-05-1237, 05 DEC 2005).	ECUADOR/D AC	DEC/ 2014	The creation of the National Bird Strike Prevention Committee is undergoing by the Ministry of Transportation and Public Works. It has been programmed to be finalize by December 2014
AGA 326 SAM	Bird Hazards (Annex 14, Vol. I, Ch. 9/Amendment 5 & Doc 9137-AN/898, Part 3)	ECUADOR/DAC/GUAY AQUIL/Simón Bolívar	There is no National Bird Hazard Committee	MAY/ 2003	ICAO Regular Mission (12-14 MAY 2003, Recommended Action AGA/26 of its respective Report)	A	DAC should create a National Bird Hazard Committee "PENDING ACTION PLAN" ACTION PLAN: The Committee will be implemented in JAN 06 (Doc DGAC-k3-O-05-1237, 05 DEC 2005).	ECUADOR/D AC	JAN/ 2006	
AGA 329 SAM	Bird Hazards (Annex 14, Vol. I, Ch. 9, Doc 9137-AN/898, Part 3 & Doc 9184-AN/902, Part 1)	ECUADOR/GUAYAQUIL/Simón Bolívar	Some solid residues are delivered to the network of the served water of Guayaquil.	MAY/ 2003	ICAO Regular Mission (12-14 MAY 2003, Recommended Action AGA/29 of its respective Report)	B	Implement adequate process for collect the solid residues of the airport "PENDING ACTION PLAN" ACTION PLAN: New terminal with these facilities will start working in 27 JUL 06 (Doc DGAC-k3-O-05-1237, 05 DEC 2005).	ECUADOR/G UAYAQUIL	JUL/ 2006	

# OUTSTANDING DEFICIENCIES

## REPORTING FORM ON AIR NAVIGATION DEFICIENCIES IN THE AGA FIELD IN THE SAM REGION

IDENTIFICATION			DEFICIENCY				ACTION PLAN			
ID	Requirements	States/facilities	Description	Date first reported	Remarks	Priority	Description	Executing body	Date of completion	Remarks
1	2	3	4	5	6	7	8	9	10	11
AGA 331 SAM	TWY Strip (Annex 14, Vol. I, Ch. 3)	ECUADOR/DAC/GUAY AQUIL/Simón Bolívar	There are two open drainage canals parallel to the parallel TWY to End 21, located respectively 14 m and 27 m from the edge of the TWY shoulder. The aerodrome reference code is 4E. There is water accumulated in these canals as well as in two concrete tubes that cross under the TWYs due to soil accumulated on their bottom. Birds are attracted and many of them fly over the RWY birds	MAY/ 2003	ICAO Regular Mission (12-14 MAY 2003, Recommended Actions AGA/32 and AGA/33 of its respective Report)	B	Clean the drainage systems, close canals or relocate them out of the TWY strip. Develop/adopt procedures for maintaining the birds out of the airport "PENDING ACTION PLAN"	ECUADOR/D AC		
AGA 336 SAM	Emergency Access Road/Maintenance (Annex 14, Vol. I, Ch. 3, 8 & 9 & Doc 9137-AN/898, Part 8)	ECUADOR/DAC/GUAY AQUIL/Simón Bolívar	The emergency access road is in bad conditions and it is located 20 m from the RWY edges in some areas of the aerodrome (RWY right side, direction End 03 to End 21)	MAY/ 2003	ICAO Regular Mission (12-14 May 2003, Recommended Action AGA/38 of its respective Report)	B	Relocate and improve emergency access road "PENDING ACTION PLAN" ACTION PLAN: Construction is underway by the operator (Doc DGAC-k3-O-05-1237, 05 DEC 2005).	ECUADOR/D AC	MAY/ 2006	
AGA 339 SAM	TWY Shoulders (Annex 14, Vol. I, Ch. 3)	ECUADOR/DAC/GUAY AQUIL/Simón Bolívar	The TWY shoulder is only 7 m wide. The aerodrome reference code is 4E	MAY/ 2003	ICAO Regular Mission (12-14 MAY 2003, Recommended Action AGA/41 of its respective Report)	B	Extend the TWY shoulders to 10.5 m wide "PENDING ACTION PLAN"	ECUADOR/D AC		

# OUTSTANDING DEFICIENCIES

## REPORTING FORM ON AIR NAVIGATION DEFICIENCIES IN THE AGA FIELD IN THE SAM REGION

IDENTIFICATION			DEFICIENCY				ACTION PLAN			
ID	Requirements	States/facilities	Description	Date first reported	Remarks	Priority	Description	Executing body	Date of completion	Remarks
1	2	3	4	5	6	7	8	9	10	11

**GUY Guyana**

AGA	244 SAM	Bird Hazard (Annex 14, Vol. I, Ch. 9.5 and Doc 9137-AN/898)	Guyana/All international aerodromes	There is no National Bird Strike Committee	NOV/ 2002	Detected during mission conducted by ICAO Secretariat	B	Establish a National Committee on Prevention of Bird Hazards "PENDING ACTION PLAN" (Doc GCAA-ICAO/5/312, 20 FEB 2004) ACTION PLAN: Bird Strike Committee to be formulated by SEP 2004 (Doc ICAO/5/3/1, 22 JUN 2004). ACTION PLAN: Bird Strike Committee to be formulated by DEC 2011 (Doc ICAO/5/3/1, 22 JUN 2004)  Corrective action GCAA has established National Committee on Prevention of Bird Hazards. Regular meetings are held. Minutes available. COMPLETED. June 2016	Guyana	JUN/ 2016
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# OUTSTANDING DEFICIENCIES

## REPORTING FORM ON AIR NAVIGATION DEFICIENCIES IN THE AGA FIELD IN THE SAM REGION

IDENTIFICATION			DEFICIENCY				ACTION PLAN			
ID	Requirements	States/facilities	Description	Date first reported	Remarks	Priority	Description	Executing body	Date of completion	Remarks
1	2	3	4	5	6	7	8	9	10	11
AGA 256 SAM	Airport development (Doc 9184-AN/902, Part 1)	Guyana/TIMEHRI/Cheddi Jagan Int'l Airport	The airport does not have updated master plan. The preliminary master plan was developed in 1993	NOV/ 2002	Detected during mission conducted by ICAO Secretariat	B	Update master plan and/or inform the ICAO SAM Office when it will be done "PENDING ACTION PLAN" ACTION PLAN: The CJIA will take steps to commence the process for acquiring the services of a suitable consultant to prepare an updated Master Plan (Doc GCAA-ICAO/5/312, 20 FEB 2004). Need for Master Plan under review by Government (Doc ICAO/5/3/1, 22 JUN 2004)  Corrective action To develop/update Master Plan for SYCI. IDB/GOG Civil Aviation Master Plan Project in progress. Completion estimated for december 2019.	Guyana	DEC/ 2004	

# OUTSTANDING DEFICIENCIES

## REPORTING FORM ON AIR NAVIGATION DEFICIENCIES IN THE AGA FIELD IN THE SAM REGION

IDENTIFICATION			DEFICIENCY				ACTION PLAN			
ID	Requirements	States/facilities	Description	Date first reported	Remarks	Priority	Description	Executing body	Date of completion	Remarks
1	2	3	4	5	6	7	8	9	10	11
<b>PAN Panama</b>										
AGA 16	SAM RWY surface conditions (Annex 14, Vol. I, Chap. 3)	Panama, PANAMA/Tocumen Aerodrome	Poor braking action at RWY 03L/31L		IFALPA CAR/SAM Meeting, 98REG049, Buenos Aires, 9/10 Dec. 1997 Fax letter DAC-1039-NA from Panama	A	Evaluate the causes of poor brake action/Eliminate the cause. <b>ACTION TAKEN:</b> Coordination for one project to eliminate the cracks of the runway 13R/21L and pavement surface improvement (US\$ 300,000.00 costs) and another one to rehabilitate runway 13L/21R (US\$ 300,000,000.00 costs)	Panama	2004	
AGA 340	SAM Emergency Plans (Annex 14, Vol. I, Ch. 9 & Doc 9137-AN/898, Part 7)	PANAMA/DGAC	With exception of Tocumen Int'l Airport, the others do not have updated emergency plan	MAY/ 2003	ICAO Regular Mission (19-20 MAY 2003, Recommended Action AGA/01 of its respective Report)	A	Update the emergency plans for the int'l airports "PENDING ACTION PLAN" <b>ACTION PLAN:</b> Tocumen has elaborated new Emergency Plan (FEB 2004). It will be delivered on 30 JUN 2004. Partial exercise planned for 02 APR 2004 (Doc 134/PAN/03/902).	PANAMA/DG AC		
AGA 348	SAM ANP (Doc 8733, FASID CAR/SAM - AOP)	PANAMA/DGAC/Tocumen	According to the Regional ANP, RWY 21L should be NPA type and it should have simple approach lighting system. Currently, the RWY is NINST and it does not have simple approach lighting system	MAY/ 2003	ICAO Regular Mission (19-20 MAY 2003, Recommended Action AGA/13 of its respective Report)	B	Provide NPA type RWY and simple approach lighting system for RWY 21L according to the Regional ANP "PENDING ACTION PLAN" <b>ACTION PLAN:</b> 400 m expansion of RWY 04D scheduled for JUN 2005. Installation of Simple Approach Lighting System scheduled for JAN 2006, RWY 21 (Doc 134/PAN/03/902)	PANAMA/DG AC	JAN/ 2006	NPA type RWY and simple approach lighting system for RWY 21L installed according to the Regional ANP

# OUTSTANDING DEFICIENCIES

## REPORTING FORM ON AIR NAVIGATION DEFICIENCIES IN THE AGA FIELD IN THE SAM REGION

IDENTIFICATION			DEFICIENCY				ACTION PLAN			
ID	Requirements	States/facilities	Description	Date first reported	Remarks	Priority	Description	Executing body	Date of completion	Remarks
1	2	3	4	5	6	7	8	9	10	11
AGA 352 SAM	Master Planning (Doc 9184-AN/902, Part 1)	PANAMA/DGAC	The master plans for Colon Airport and Tocumen Int'l Airport are, respectively, updated and non-updated. The other airports do not have master plans	MAY/ 2003	ICAO Regular Mission (19-20 MAY 2003, Recommended Action AGA/18 of its respective Report)	B	Update the Master Plan of Tocumen Int'l Airport. Develop master plans for the other airports "PENDING ACTION PLAN" ACTION PLAN: Tocumen S.A. solicited ICAO to contract IATA for developing a Master Plan. In contracting process. Delivery scheduled for MAR 2005 (Doc 134/PAN/03/902).	PANAMA/DGAC	MAR/ 2005	
AGA 353 SAM	Emergency (Annex 14, Vol. I, Ch. 9)	PANAMA/DGAC	There are no plans for removal of disabled aircraft at the airports. For Tocumen, the disabled aircraft removal plan is under the airlines responsibility	MAY/ 2003	ICAO Regular Mission (19-20 MAY 2003, Recommended Action AGA/19 of its respective Report)	B	Develop disabled aircraft removal plans for the international airports "PENDING ACTION PLAN" ACTION PLAN: Tocumen S.A. has initiated alternative studies for the solution of aircraft removal plan, Tocumen will have an aircraft removal plan in JUL 2004 (Doc 134/PAN/03/902).	PANAMA/DGAC	JUL/ 2004	
AGA 357 SAM	RWY Strip/Bird Hazards (Annex 14, Vol. I, Ch. 3 & 9, Amendment 5 to Annex 14)	PANAMA/DGAC/Tocumen	There is a depression near End 03/R and other parts of the RWY strip are also unlevelled. The grass is as high as 1.5 m in some areas. This is a good environment for birds	MAY/ 2003	ICAO Regular Mission (19-20 MAY 2003, Recommended Action AGA/24 of its respective Report)	A	Level the RWY strip. Maintain the grass at adequate height "PENDING ACTION PLAN" ACTION PLAN: Levelling of the RWY strip is included in a project to be started in JUN 2004 and finished in FEB 2005. Gras was cut. New equipment for cutting grass will be bought until DEC 2004 (Doc 134/PAN/03/902).	PANAMA/DGAC	FEB/ 2005	The depression nearby RWY 03R has been leveled. Leveling of the runway strip is close to finish. Grass is maintain at an adequate height - email from Insp. Abdiel Guardia on 30 June 2015

# OUTSTANDING DEFICIENCIES

## REPORTING FORM ON AIR NAVIGATION DEFICIENCIES IN THE AGA FIELD IN THE SAM REGION

IDENTIFICATION			DEFICIENCY				ACTION PLAN			
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1	2	3	4	5	6	7	8	9	10	11
AGA 359 SAM	Obstacles (Annex 14, Vol. I, Ch. 3 & 8)	PANAMA/DGAC/Tocumen	There is an installation (small construction) on the RWY strip, which is frangible but its base is rigid and it is approximately 30 cm high. In addition, the antenna towers are not frangible. The same problem occurs with the ILS localizer, which is frangible but its base is rigid and approximately 30 cm high	MAY/ 2003	ICAO Regular Mission (19-20 MAY 2003, Recommended Action AGA/26 of its respective Report)	B	Correct these problems, lowering down the rigid bases up to the terrain surface and transform the rigid structures in frangible structures. "PENDING ACTION PLAN" ACTION PLAN: Included in the PROJECT 3. Starts in JUN 2004, ends FEB 2005 (Doc 134/PAN/03/902).	PANAMA/DG AC	FEB/ 2005	
AGA 362 SAM	TWY Strip (Annex 14, Vol. I, Ch. 3 & Doc 9157-AN/901, Part 2)	PANAMA/DGAC	The TWY shoulders are 5 m wide. The aerodrome reference code is 4E	MAY/ 2003	ICAO Regular Mission (19-20 MAY 2003, Recommended Action AGA/29 of its respective Report)	B	Enlarge the TWY shoulders to 10.5 m wide "PENDING ACTION PLAN" ACTION PLAN: Included in the Project 3. Starts JUN 2004, ends FEB 2005 (Doc 134/PAN/03/902).	PANAMA/DG AC	FEB/ 2005	
AGA 469 SAM	Annex 14, Vol. I, Ch. 8	PANAMA/DGAC	The int'l airports have perimetric fences but they are unprotected against vandalism	MAY/ 2003	ICAO regular mission (19-20 MAY/03, Recommended Action AGA/20 of its respective Report)	A	Provide perimetric fences and respective protection against vandalism for int'l airports	PANAMA/DG AC		ALL THE INTERNATIONAL AIRPORTS, EXCEPT BOCAS DEL TORO HAVE BEEN PROVIDED WITH PERIMETRIC FENCES ACCORDING TO ANNEX 14 SARP.  FOR BOCAS DEL TORO, A NEW FENCE WILL BE PROVIDED BY 2016 - Email from Insp. Abdiel Guardia 30 June 2015.

# OUTSTANDING DEFICIENCIES

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IDENTIFICATION			DEFICIENCY				ACTION PLAN			
ID	Requirements	States/facilities	Description	Date first reported	Remarks	Priority	Description	Executing body	Date of completion	Remarks
1	2	3	4	5	6	7	8	9	10	11
<b>PRY Paraguay</b>										
AGA 62 SAM	Runway shoulder (Annex 14, Vol. I, Chap. 3)	Paraguay, Aerodrome of Asuncion/Silvio Pettirossi	Runway shoulder 4m wide	SEP/ 2001	Detected during mission conducted by ICAO Secretariat Planned for 2003, fax 22 NOV 2002 from Paraguay	B	Enlarge the width of the runway shoulders to 7.5 m. ACTION TAKEN: Studies and project are under development	Paraguay	JUN/ 2015	Compliance pursuant by June 2015
AGA 63 SAM	Runway strip (Annex 14, Vol. I, Chap. 3)	Paraguay, Aerodrome of Asuncion/Silvio Pettirossi	Runway strip unlevelled and narrow	SEP/ 2001	Detected during mission conducted by ICAO Secretariat Planned for 2003, fax letter 22 NOV 2002 from Paraguay	B	Level and enlarge the RWY strip to 150 m wide on each side of the runway centre line. ACTION TAKEN: Depend upon availability of resources	Paraguay	JUN/ 2015	Compliance pursuant by June 2015

# OUTSTANDING DEFICIENCIES

## REPORTING FORM ON AIR NAVIGATION DEFICIENCIES IN THE AGA FIELD IN THE SAM REGION

IDENTIFICATION			DEFICIENCY				ACTION PLAN			
ID	Requirements	States/facilities	Description	Date first reported	Remarks	Priority	Description	Executing body	Date of completion	Remarks
1	2	3	4	5	6	7	8	9	10	11
<b>SUR Suriname</b>										
AGA 230 SAM	Bird Hazard (Annex 14, Vol. I, Ch. 9.5 and its Amendment No. 5, Doc 9137-AN/898, Part 3 and Doc 9332)	Suriname/All aerodromes	There is no Bird Strike Committee	NOV/ 2002	Detected during mission conducted by ICAO Secretariat	A	Establish a National Committee on Prevention of Bird Hazards "PENDING ACTION PLAN"	Suriname		
AGA 241 SAM	Physical characteristics/Object on RWY Strip (Annex 14, Vol. I, Ch. 3.3 and its Attach. A, Par. 8.2)	Suriname/Johan Adolf Pengel Aerodrome	Presence of a concrete box 130 cm long, 120 cm wide and 30 cm high at each side of the End 11 threshold	NOV/ 2002	Detected during mission conducted by ICAO Secretariat	B	Attend Paragraph 3.3 of Annex 14, Vol. I and Paragraph 8.2 of its Attachment A and/or inform the ICAO SAM Office when it will be done "PENDING ACTION PLAN"	Suriname		
AGA 242 SAM	Physical characteristics/Object in RWY strip (Annex 14, Vol. I, Ch. 3.3 and its Attach. A, Par. 8.2)	Suriname/ZANDERY/Johan Adolf Pengel Aerodrome	Presence of a concrete box 200 cm long, 60 cm wide and 20 cm high at 15 m laterally away from End 11. This box is a rigid base for a frangible vertical sign	NOV/ 2002	Detected during mission conducted by ICAO Secretariat	B	Attend Paragraphs 3.3 and 8.7 of Annex 14, Vol. I and Paragraph 8.2 of its Attachment A and/or inform the ICAO SAM Office when it will be done "PENDING ACTION PLAN"	Suriname		
AGA 243 SAM	Emergency/Other services (Annex 14, Vol. I, Ch. 9.3)	Suriname/ZANDERY/Johan Adolf Pengel Aerodrome	There is no Disabled Aircraft Removal Plan	NOV/ 2002	Detected during mission conducted by ICAO Secretariat	B	Develop a Disabled Aircraft Removal Plan and/or inform the ICAO SAM Office when it will be done "PENDING ACTION PLAN"	Suriname		
AGA 431 SAM	Annex 14, Vol. I, Ch. 9 & Doc 9773, Part 5	SURINAME/CAA	No disabled aircraft removal plan for int'l airports	JUN/ 2005	ICAO regular mission (30/31/MAY-01 JUN/2005, Recommended Action AGA/03 of its respective Report)	B	Provide disabled aircraft removal plans for int'l airports	CAA		
AGA 435 SAM	Doc 8733, FASID CAR/SAM – AOP	SURINAME/SMZO – PARAMARIBO/Zorg en Hoop	No RWY designation marking at RWY 29 (ANP requirement)	JUN/ 2005	ICAO regular mission (30/31/MAY-01 JUN/2005, Recommended Action AGA/07 of its respective Report)	A	Provide designation marking for RWY 29, according to	CAA		
AGA 437 SAM	Annex 14, Vol. I, Chs. 3 & 4	SURINAME/SMUP – ZANDERLY/Johan Adolf Pengel Int'l	RWY strip does not have adequate width at RWY North side (canal, ground elevation and fence on the strip)	JUN/ 2005	ICAO regular mission (30/31/MAY-01 JUN/2005, Recommended Action AGA/09 of its respective Report)	B	Eliminate obstacles & provide RWY strip 150 m wide	CAA/Airport Operator		

# OUTSTANDING DEFICIENCIES

## REPORTING FORM ON AIR NAVIGATION DEFICIENCIES IN THE AGA FIELD IN THE SAM REGION

IDENTIFICATION			DEFICIENCY				ACTION PLAN			
ID	Requirements	States/facilities	Description	Date first reported	Remarks	Priority	Description	Executing body	Date of completion	Remarks
1	2	3	4	5	6	7	8	9	10	11
AGA 438 SAM Annex 14, Vol. I, Ch. 4		SURINAME/SMUP – ZANDERLY/Johan Adolf Pengel Int'l	Trees penetrating the transitional surface, at North side of the runway	JUN/ 2005	ICAO regular mission (30/31/MAY-01 JUN/2005, Recommended Action AGA/10 of its respective Report)	A	Cut the trees leaving the transitional surface free of obstacle, at North side of the runway	CAA/ Airport Operator		

# OUTSTANDING DEFICIENCIES

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IDENTIFICATION			DEFICIENCY				ACTION PLAN			
ID	Requirements	States/facilities	Description	Date first reported	Remarks	Priority	Description	Executing body	Date of completion	Remarks
1	2	3	4	5	6	7	8	9	10	11
<b>URY Uruguay</b>										
AGA 265 SAM	Visual Aids (Doc 8733, FASID CAR/SAM - AOP)	Uruguay/SUMU-MONTEVIDEO/Carrasco Int'l Gral. Cesáreo L. Benisso	Simple approach lighting system not installed for RWY 06	MAR/ 2004	ICAO Regular Mission (05/06 AUG 2003 - Recommended Action AGA/16 of its respective Report)	A	Install the simple approach lighting system for RWy 06 "PENDING ACTION PLAN" ACTION PLAN: To be installed in 2005/2006 (Fax 075/04, 21 SEP 2004, from DINACIA)	DINACIA	2006	
AGA 266 SAM	Emergency (Annex 14, Vol. I, Ch. 9 & Doc 9173, Part 5)	Uruguay/DINACIA/All int'l airports	There are no disabled aircraft removal plans for int'l airports	MAR/ 2004	ICAO Regular Mission (05/06 AUG 2003 - Recommended Action AGA/35 of its respective Report)	B	Prepare disabled aircraft removal plans for the int'l airports "PENDING ACTION PLAN"	DINACIA		
AGA 267 SAM	Physical Characteristics (Annex 14, Vol. I, Ch. 3)	Uruguay/SUMU-MONTEVIDEO/Carrasco Int'l Gral. Cesáreo L. Benisso	The TWY does not have strips	MAR/ 2004	ICAO Regular Mission (05/06 AUG 2003 - Recommended Action AGA/36 of its respective Report)	B	Construct TWY strips "PENDING ACTION PLAN" ACTION PLAN: Construction scheduled for 2005/2006 (Fax 075/04, 21 SEP 2004, from DINACIA)	DINACIA	2006	
AGA 268 SAM	Equipment and Installations (Annex 14, Vol. I, Section 8.7 & Cap. 8 of its Appendix A)	Uruguay/SUMU-MONTEVIDEO/Carrasco Int'l Gral. Cesáreo L. Benisso	Frangible tower installed over rigid base on RWY strip (West side of RWY 19)	MAR/ 2004	ICAO Regular Mission (05/06 AUG 2003 - Recommended Action AGA/37 of its respective Report)	B	Provide frangible base for the tower "PENDING ACTION PLAN"	DINACIA		

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1	2	3	4	5	6	7	8	9	10	11
<b>VEN Venezuela</b>										
AGA 97 SAM	Bird Strike Hazard (Annex 14, Vol. I, Chap.9.4)	Venezuela, MARGARITA, Margarita Intl. Airport	Birds were observed within the perimeter of the airport		IATA Report of the Venezuela Airport Operational Assessment, March 05-08, 2001*	A	Create a National Bird Strike Committee and establish a wild life program "PENDING ACTION PLAN" ACTION PLAN: National Committee scheduled to be created during the 2nd semester 2007 (IP/31-GREPECAS-14/16-20 APR07)	Venezuela	DEC/ 2018	JULY 2017: State reports that Wildlife committee will be created by YE2018
AGA 130 SAM	Visual aids (Annex 14, Vol. I, Chap. 5)	Venezuela, MAIQUETIA/Simon Bolivar	No VASIS or PAPI on RWY 27	MAY/ 2002	IFALPA Annex 19 Part 3 19-3-SAM-1	A	Provide PAPI at RWY 27 "PENDING ACTION PLAN"	Venezuela	2018	Action plan for PAPI installation scheduled for the first semester of 2009  July 2017: State reports that as that RWY is restricted, they are considering the installation of PAPI by YE2018
AGA 399 SAM	Doc 8733, FASID CAR/SAM – AOP	VENEZUELA/INAC/Macaibo	No PAPI for RWY 27/R	DEC/ 2004	ICAO regular mission (06-09 DEC 2004, Recommended Action AGA/11 of its respective Report)	B	Install PAPI for RWY 27/R "PENDING ACTION PLAN" ACTION PLAN: Acquisition, installation and PAPI evaluation planned (DOC PRE 704.05 - 06 APR 05) - (DOC PRE 4593.05 de 20 DEC 05) Rescheduled for JUL 07 (DOC PRE-ORAC-4143-06, 26 SEP 06)	INAC	DEC/ 2018	Installation of a PAPI for the second semester of 2010 is under study  JULY 2017: still open and planned for 2018
AGA 402 SAM	Doc 8733, FASID CAR/SAM – AOP	VENEZUELA/INAC/Margarita	No PAPI for RWY 27	DEC/ 2004	ICAO regular mission (06-09 DEC 2004, Recommended Action AGA/14 of its respective Report)	B	Install PAPI for RWY 27 "PENDING ACTION PLAN" ACTION PLAN: Acquisition, installation and PAPI evaluation planned (DOC PRE 704.05 - 06 APR 05) - (DOC PRE 4593.05 de 20 DEC 05) Rescheduled for JUL 07 (DOC PRE-ORAC-4143-06, 26 SEP 06)	INAC	DEC/ 2018	Action plan for PAPI installation scheduled for the first semester of 2010  JULY 2017: State reports it will be installed by YE2018

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IDENTIFICATION			DEFICIENCY				ACTION PLAN			
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1	2	3	4	5	6	7	8	9	10	11
AGA 407 SAM	Doc 8733, FASID CAR/SAM – AOP	VENEZUELA/INAC/S. A. del Táchira	RWY 17 is NINST	DEC/ 2004	ICAO regular mission (06-09 DEC 2004, Recommended Action AGA/19 of its respective Report)	B	Provide RWY 17 as NPA "PENDING ACTION PLAN" ACTION PLAN: Planned provision of RWY 17 as NPA (DOC PRE 704.05 - 06 APR 05) - (DOC PRE 4593.05 de 20 DEC 05) Rescheduled for NOV 06 (DOC PRE-ORAC-4143-06, 26 SEP 06)	INAC	DEC/ 2006	Aerodrome excluded from CAR/SAM FASID, Doc. 8733. Conventional procedure for this runway is not taken into account, due to presence of natural obstacles  JULY 2017: still open. Planned RNAV approach
AGA 410 SAM	Annex 14, Vol. I, Sec. 9.3	VENEZUELA/INAC/All airports	No disabled aircraft removal plans for int'l airports	DEC/ 2004	ICAO regular mission (06-09 DEC 2004, Recommended Action AGA/22 of its respective Report)	B	Develop disabled aircraft removal plans for int'l airports "PENDING ACTION PLAN" ACTION PLAN: All the international airports will be required to present their plans (DOC PRE 704.05 - 06 APR 05) - (DOC PRE 4593.05 de 20 DEC 05) Rescheduled for JUN 07 (DOC PRE-ORAC-4143-06, 26 SEP 06)	INAC	DEC/ 2018	Maiquetia and Ciudad Guayana disabled aircraft removal plans were delivered. Action plan for the remaining international airports scheduled for the first semester of 2009  July 2017: still open.
AGA 418 SAM	Annex 14, Vol. I, Ch. 3, Sec. 3.5	VENEZUELA/INAC/IA AIM	No RESA for RWY 10	DEC/ 2004	ICAO regular mission (06-09 DEC 2004, Recommended Action AGA/30 of its respective Report)	A	Provide RESA for RWY 10 "PENDING ACTION PLAN" ACTION PLAN: Scheduled evaluation together with IAAIM during the certification process (DOC PRE-ORAC-4143-06, 26 SEP 06)	INAC/IAAIM	JUL/ 2018	JULY 2017: in the process of a Safety Assessment to file for exemption

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## REPORTING FORM ON AIR NAVIGATION DEFICIENCIES IN THE AGA FIELD IN THE SAM REGION

IDENTIFICATION			DEFICIENCY				ACTION PLAN			
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1	2	3	4	5	6	7	8	9	10	11
AGA 423 SAM Annex 14, Vol. I, Ch. 10		VENEZUELA/INAC/IA AIM	TWYs with pavement desegregation, distressed, vegetation in the cracks	DEC/ 2004	ICAO regular mission (06-09 DEC 2004, Recommended Action AGA/35 of its respective Report)	A	Prepare project/design for TWYs maintenance/ rehabilitation "PENDING ACTION PLAN" ACTION PLAN: Pavement studies will be carried out for establishing a preventive/corrective maintenance program (DOC PRE 704.05 - 06 APR 05) - (DOC PRE 4593.05 de 20 DEC 05) Rescheduled for DEC 06 (DOC PRE-ORAC-4143-06, 26 SEP 06)	INAC/IAAIM	SEP/ 2006	TWYs 30% repaved. TWY repavement action plan scheduled for the first semester of 2009  July 2017: still open and under study by operator
AGA 425 SAM Annex 14, Vol. I, Ch. 3, Sec. 3.5		VENEZUELA/INAC/IA AIM	RESA at RWY 28 is unlevelled	DEC/ 2004	ICAO regular mission (06-09 DEC 2004, Recommended Action AGA/37 of its respective Report)	A	Level RESA at RWY 28 "PENDING ACTION PLAN" ACTION PLAN: Evaluation will be carried out and corrective actions will be taken (DOC PRE 704.05 - 06 APR 05) - (DOC PRE 4593.05 de 20 DEC 05) Rescheduled for MAR 07 (DOC PRE-ORAC-4143-06, 26 SEP 06)	INAC/IAAIM	JUL/ 2006	
AGA 428 SAM Annex 14, Vol. I, Ch. 4		VENEZUELA/INAC/IA AIM	Open trapezoidal canal (3 m x 6 m x 1.5 m deep) on the RWY strip	DEC/ 2004	ICAO regular mission (06-09 DEC 2004, Recommended Action AGA/40 of its respective Report)	B	Provide a closing system for the trapezoidal canal on the RWY strip "PENDING ACTION PLAN" ACTION PLAN: A report with a recommendation for providing a closing system for the canal will be presented (DOC PRE 704.05 - 06 APR 05) - (DOC PRE 4593.05 de 20 DEC 05) Rescheduled for DEC 06 (DOC PRE-ORAC-4143-06, 26 SEP 06)	INAC/IAAIM	DEC/ 2018	JULY 2017: still open