



International Civil Aviation Organization

CAR/SAM Regional Planning and Implementation Group (GREPECAS)

Seventeenth Meeting of the CAR/SAM Regional Planning and Implementation Group (GREPECAS/17)

(Cochabamba, Bolivia (Plurinational State of), 21 to 25 July 2014)

GREPECAS/17 – WP/19-REV.2

01/07/14

Agenda Item 5: Air Navigation Deficiencies in the CAR/SAM Regions
5.2 Status of air navigation deficiencies in the CAR/SAM Regions

“A”, “B” AND “U” DEFICIENCIES IN THE CAR/SAM REGIONS

(Presented by the Secretariat)

SUMMARY

The purpose of this working paper is to present updated information on the current status of “A”, “B” and “U” priority deficiencies in each of the air navigation fields in CAR/SAM States/Territories and the corrective actions taken by said States/Territories.

References:

- Uniform methodology for the identification, assessment and reporting of air navigation deficiencies according to the ICAO Council
- GREPECAS Air Navigation Deficiencies Database (GANDD)

1. Introduction

1.1 In keeping with its functions, and based on the uniform methodology for the identification, assessment and reporting of air navigation deficiencies formulated by the ICAO Council, GREPECAS periodically reviews the implementation status of ICAO Standards and Recommended Practices (SARPs) and the CAR/SAM Regional Air Navigation Plan at their meetings with a view to determining the level of implementation and identifying, to the extent possible, deficiencies in the air navigation fields in these two Regions.

2. Discussion

2.1 The existing deficiencies that affect the provision of air navigation services in ICAO Regions and the need for States to establish Corrective Action Plans are a matter of persistent concern and high priority for the ICAO Council. In this sense, it should be noted that an important element of the ICAO Global Aviation Safety Plan (GASP), as approved by Assembly Resolution A33-16, is the need to establish better identification of air navigation field(s) deficiencies in order to develop solid actions for correction.

2.2 According to the procedures established by GREPECAS, the ICAO Lima and Mexico Regional Offices follow-up on the corrective actions taken by the States and update the GREPECAS Air Navigation Deficiencies Database (GANDD) accordingly.

2.3 The Meeting will recall that GREPECAS has recommended the electronic use of the GANDD, which is available on the ICAO website: <http://www.icao.nacc.org/gandd2.html>. A user name and password is assigned to the coordinator designated by each Administration for providing updated information on said database. For the provision of technical assistance in the use of the GANDD, ICAO appointed Mr. Gabriel Meneses, (gmeneses@icao.int) as focal point for the NACC Office and Mr. Arturo Martínez (amartinez@icao.int) as focal point for the SAM Office.

Deficiencies in the CAR Region

2.4 “A”, “B” and “U” priority deficiencies for CAR States/Territories can be consulted in ICAO website: <http://www.icao.nacc.org/gandd2.html>.

Deficiencies in the SAM Region

2.5 “A”, “B” and “U” priority deficiencies for SAM States are presented in **Appendix A** to this working paper.

GANDD Coordinators

2.6 **Appendix B** presents the list of States’ focal points that coordinate the information for the GANDD Database update.

3. Suggested action

3.1 The Meeting is invited to:

- a) take note of the information contained in Appendices A, B, and C to this working paper; and
- b) adopt other action it may deem appropriate.

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OUTSTANDING DEFICIENCIES

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

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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
ARG Argentina										
AGA 146 SAM	Visual aids (Doc 8733, Vol. II, FASID and Annex 14, Vol. I, Ch. 5)	Argentina/CATARATA S DEL IGUAZU/My. Carlos Eduardo Krause Aerodrome	No PAPIs in RWYs 13 and 31, as recommended by the Regional ANP	DEC/ 2002	Detected during mission conducted by ICAO Secretariat	B	Install PAPIs for RWYs 13 and 31 and/or inform the ICAO SAM Office when it will be done "PENDING ACTION PLAN" ACTION PLAN: Included in the Airport Construction Plan for DEC 2005 (AGA/AOP/SG/4, Mexico, 15-18 NOV 04)	Argentina	JUL/ 2014	AGA Mission 2012 - The purchase of PAPI system has been included in the next 5 years Investment Plan. PAPIs for RWYs 13 & 31 purchased & installed in 2013, habilitation pending for July 2014
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	DEC/ 2015	AGA Mission 2012 - Installation by 2013. The project has been approved by the ORSNA investment plan. Installation re-programme for 2015 by ORSNA
AGA 153 SAM	Physical characteristics (Doc 8733, Vol. II, FASID and Annex 14, Vol. I, Ch. 3.8)	Argentina/CORDOBA/I ng. 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.
AGA 167 SAM	Visual aids (Doc 8733, Vol. II, FASID and Annex 14, Vol. I, Ch. 5)	Argentina/MENDOZA/E l 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

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AGA 168 SAM	Visual aids (Doc 8733, Vol. II, FASID and Annex 14, Vol. I, Ch. 5)	Argentina/MENDOZA/E I 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
AGA 171 SAM	Visual aids (Doc 8733, Vol. II, FASID and Annex 14, Vol. I, Ch. 5)	Argentina/NEUQUEN/P residente Perón	No precision approach Category I lighting system at RWY 08, 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 08 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/ 2015	AGA Mission 2012 - Included in Master Plan. Project approved and execution expected during 2012 ORSNA has reprogrammed this investment for 2015
AGA 199 SAM	Visual aids (Doc 8733, Vol. II, FASID and Annex 14, Vol. I, Ch. 5)	Argentina/ROSARIO/Ro sario Aerodrome	No precision approach Category I lighting system at RWY 19, 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 19 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 - Included in master Plan. No execution date has been established.
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

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AGA 216 SAM	Visual aids (Doc 8733, Vol. II, FASID and Annex 14, Vol. I, Ch. 5)	Argentina/USHUAIA/Malvinas 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		

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ARG Argentina										
AIS	15 SAM	ICAO Annex 4; Annex 15, Para. 3.6.4.1 and 3.6.4.2. WGS-84.Geodetic System	Argentina	Lack of total implementation of the WGS-84 system, mainly concerning requirements as the publication of the geoid undulation as it is required.	SAM RO records.	A	# Action Plan (2006) indicated that relevant action is being taken on the matter. Implementation 70%	Indicated State		Completion date: TBD
AIS	35 SAM	Annex 15; 3.6.1 English language	Argentina	Requirement to use English for plain language texts in AIS publications	SAM RO Records.	U	1. Action Plan (2006) indicated that relevant action is being taken on the matter. NOTAM impl. 100%; AIP 30%.	Indicated State.	DEC/ 2009	2008: Requirement of English language experts translator personnel requirement, in order to comply with deadlines.
AIS	60 SAM	Annex 4, 17; Cap. 17.1. VFR aeronautical chart (Scale, 1:500,000)	Argentina	Need for production of this serie of ICAO chart under the WGS-84 system to satisfy the lack of production of the WAC aeronautical chart.	SAM Office records.	B	It is indicated in action plan (2005) that implementation of this requirement is under progress. 20% advance.	Indicated State.	DEC/ 2013	2008: As expressed in the last action plan, the implementation of this requirement is in progress. An analysis of distribution of sheets was made, and the results were that in order to cover in chart scale 1:500.000 Argentina needs 40 sheets, two were produced and the third one is in advanced phase. Percentage made 6%.
AIS	65 SAM	ICAO Annex 4, Chapter 11; 11.7.2 and 11.10.6.5. Instrumens approach charts.	Argentina	Need to complete the inclusion of the topographic (11.7.2), and the ground profile informations (11.10.6.5) in the production of all instrument approach charts - OACI.	SAM Office records.	A	1. # It is indicated in action plan (2006) that this requirement has been satisfied as required. 2. Relief countours lines in black. 80% of compliance.	Indicated State		
AIS	95 SAM	Annex 4, Chap 13, Para 13.6.1 C). Aerodrome/Heliport Chart - ICAO.	Argentina	Need for the inclusion of geoid undulation in the Aerodrome/Heliport Chart - ICAO.	SAM OfficeRecords.	A	Action Plan (2006) 90% implemented. Geoidal undulation data published in the AIP for all airports.	Indicated State	NOV/ 2008	In AMD 03/08 it is expected that this data will be included in aerodrome/helicopter ICAO Type charts.

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AIS 162 SAM	Annex 15, Para. 3.2 Implementation of Quality system (QS) at the AIS	Argentina	It is required the implementation of a quality system (QS); as well as, of the quality assurance and quality control procedures at the AIS/MAP services.		Relevant technical documentation and rules are being prepared by the GREPECAS AIS/MAP Subgroup, in order to assist the CAR/SAM States to achieve this objective Relevant Documented Procedures developed by SAM/AIM Group and GREPECAS Project according to ISO 9001:2008.	A	It is indicated in the action Plan (2006) that relevant actions on the matter, are being taken as required. Internal auditories are carried out at the AIS.	Indicated State	SEP/ 2014	SAMIG/13 Completion date expected Sep. 2014
AIS 178 SAM	ANNEX 15; Chap 3, 3.2.8, and 3.2.10 Integrity of aeronautical information/data.	Argentina	Need that quality control (QC) system be implemented by the States, to ensure the required level of integrity of the aeronautical information/data issued and/or available. Application of cyclic redundancy check (CRC).		Registro Oficina SAM	A	1. # implementation Plan (2006) indicated that relevant action is being taken on the matter. 2. Quality assurance system required is under development.	Indicated States	DEC/ 2010	2008: In the current organization of the AIS Department, implemented in February 2008, the AIS Quality Management Division was created, which first objectives were: 1) implement the AIS procedural manual (completed), 2) develop de AIS quality manual (in process, developed to 10%), and 3) implement the AIS quality management system (in initial planning and
AIS 219 SAM	CAR-SAM ANP Part VIII (AIS); Para. 65, 66, 67, 68 AND 69. Regional AIS automated system	Argentina	Requirement for implementation of automated system at the AIS services, in agreement with the indicated in the CAR/SAM Air Navigation Plan.		Records SAM Office.	A	1. # Action Plan (2006) indicated that relevant proposed system is under development.	Indicated State	DEC/ 2012	2008: To date, the automation date of aircraft movement table, which data base enables to supervise information on pilots, aircraft and aerodromes as part of the automation required.

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ARG Argentina											
ATM	1 SAM	English proficiency in Air Traffic Services, CAR/SAM/3 Rec. 5/35	Argentina	The proficiency in the English language of some ATC units could be a contributory factor for the occurrence of incidents and/or aeronautical accidents (Annex 1). The level specified in requirements related to language proficiency in the English language will be a requirement as of 05 March 2011.	OCT/ 1995	GREPECAS/5 Reporting of compliance through Attachment C to communication AN/12.44.6-07/68.	A	0. Performance in the English language of some ATC units could be a contributory factor for the occurrence of incidents and/or aeronautical accidents (Annex 1). For 2009-2010 it is expected to obtain level 4 of ICAO. 1. During the mission of 2006 note was taken on the English proficiency programme in ATS (PRONACEII) implemented. DHA habilitates personnel and establishes the initial and recurrent evaluation system. The Regiones Aéreas evaluate locally and supervise personnel. DTA coordinates periodical evaluation.	ANAC Argentina	MAR/ 2011	2008: On 17 May 2007, an agreement was signed between the Ministry of Defence and the University of Buenos Aires, School of Philosophy and Humanities, so as to implement, develop, monitor and evaluate training in the English language (ROGER). This agreement complement regulation No. 19/05 (PRONACEII). 2007: An action plan with measures to mitigate the risk, as established in ICAO Assembly Resolution A36-11.

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ARG Argentina										
MET 53 SAM	Notify the RVR for CAT 1 operations (Annex 3, Part I, Chapter 4, Rec. 4.6.3.2)	Argentina / Aeronautical meteorological stations	The RVR of SAEZ, SACO, SAZM, SARE and SAME have not been implemented.	AUG/ 2006	Plan the acquisition or repairment of the RVR.	A	Installation of RVR Integrated Systems, Nefobasimeter and Automatic Meteorological Station with visual presentations in MET and TWR.	FAA - CRA in coordination with Natl. MET Service.	2007	
MET 76 SAM	Notify the RVR for CAT 1 operations [(Annex 3, Part I, Chapter 4, Rec. 4.6.3.2]	Argentina / Aeronautical meteorological stations	The RVR of SAZS, SARI y SAWH have not been implemented.	AUG/ 2006	Plan the acquisition or repairment of the RVR.	A	Acquisition and installation of RVR Integrated Systems, Nefobasimeter and Automatic Meteorological Station with visual presentations in MET and TWR.	FAA - CRA in coordination with Natl. MET Service.	2008	Waiting for the assignment of the corresponding financial resources.
MET 77 SAM	Notify the RVR for CAT 1 operations [(Annex 3, Part I, Chapter 4, Rec. 4.6.3.2]	Argentina / Aeronautical meteorological stations	The RVR of SASA, SAZN SARP have not been implemented.	AUG/ 2006	Plan the acquisition or repairment of the RVR.	A	Acquisition and installation of RVR Integrated Systems, Nefobasimeter and Automatic Meteorological Station with visual presentations in MET and TWR.	FAA - CRA in coordination with Natl. MET Service.	2009	Waiting for the assignment of the corresponding financial resources.
MET 78 SAM	Notify the RVR for CAT 1 operations [(Annex 3, Part I, Chapter 4, Rec. 4.6.3.2]	Argentina / Aeronautical meteorological stations	The RVR of SASJ, SAWG, SANT have not been implemented.	AUG/ 2006	Plan the acquisition or repairment of the RVR.	A	Acquisition and installation of RVR Integrated Systems, Nefobasimeter and Automatic Meteorological Station with visual presentations in MET and TWR.	FAA - CRA in coordination with Natl. MET Service.	2010	Waiting for the assignment of the corresponding financial resources.
MET 79 SAM	Notify the RVR for CAT 1 operations [(Annex 3, Part I, Chapter 4, Rec. 4.6.3.2]	Argentina / Aeronautical meteorological stations	The RVR of SAWE, SAVC, SARF have not been implemented.	AUG/ 2006	Plan the acquisition or repairment of the RVR.	A	Acquisition and installation of RVR Integrated Systems, Nefobasimeter and Automatic Meteorological Station with visual presentations in MET and TWR.	FAA - CRA in coordination with Natl. MET Service.	2011	Waiting for the assignment of the corresponding financial resources.

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BOL Bolivia

AGA	37	SAM	Obstacles (Annex 14, Vol. I Chap. 4 and Chap.6)	Bolivia, LA PAZ/El Alto	Church towers/buildings without obstacles lighting system	SEP/ 2001	Detected during mission conducted by ICAO Secretariat Planned para March 2003, fax NAV/AER/702/02 from Bolivia	A	Install lighting system on church towers/buildingss. ACTION TAKEN: DGAC has presented these requirements to the City Hall of El Alto in order to install the obstacle lighting system.	Bolivia/SABS A	MAR/ 2003
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BOL Bolivia										
AIS	36 SAM Annex 15; 3.6.1 English language	Bolivia	Requirement to use English for plain language texts in AIS publications		SAM RO Records..	A	Action Plan (2006) AIS staff is under training 20% implemented	AASANA	DEC/ 2011	15 Jul 2010: Through Note DNA439/MET020/10 DGAC-0-1-1519 information was received regarding date of compliance, December 2011. Through Note DNA-0529/11 DGAC-012987/2011 information was received regarding date of compliance, December 2011.
AIS	46 SAM ICAO Annex 4, Chapter 2.8; Chapter 16, Appendix 5. World Aeronautical Chart	Bolivia	Lack of compliance with the requirement for production of the world aeronautical chart (WAC, Scale: 1:1,000,000) , according with the sheets distribution as it is established by ICAO to this serie of chart. Not production of this serie of chart with ICAO specification and under the WGS-84 system.		SAM Office records.	B	Action Plan (2006)	Indicated State		15 Jul 2010: Through Note DNA439/MET020/10 DGAC-0-1-1519 and also Note DNA-0529/11 DGAC-012987/2011 information was received that it will not be published due to lack of data at the IGM.
AIS	52 SAM Annex 4, 17; Cap. 17.1 VFR aeronautical chart (Scale, 1:500,000)	Bolivia	Need for production of this serie of ICAO chart under the WGS-84 system to satisfy the lack of production of the WAC aeronautical chart.		SAM Office records.	B	Action Plan (2006)	Indicated State.		15 Jul 2010: Through Note DNA439/MET020/10 DGAC-0-1-1519 and Note DNA-0529/11 DGAC-012987/2011 information was received that chart 1:500.000 will not be published.

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AIS 66	SAM ICAO Annex 4, Chapter 11; 11.7.2 and 11.10.6.5. Instrumens approach charts.	Bolivia	Need to complete the inclusion of the topographic (11.7.2), and the ground profile informations (11.10.6.5) in the production of all instrument approach charts - OACI.		SAM Office records.	A	Action Plan (2006) 20% implemented	AASANA y DGAC	DEC/ 2011	15 Jul 2010: Through Note DNA439/MET020/10 DGAC-0-1-1519 information was received that date of compliance is December 2011. To date 90% implemented. Published for Airports El Alto, Cochabamba and Viru Viru
AIS 96	SAM Annex 4, Chap 13, Para 13.6.1 C). Aerodrome/Heliport Chart - ICAO.	Bolivia	Need for the inclusion of geoid undulation in the Aerodrome/Heliport Chart - ICAO.		SAM OfficeRecords.	A	Action Plan (2006) 40% implemented 15 Jul 2010: Through Note DNA439/MET020/10 DGAC-0-1-1519 information was received that date of compliance will be December 2010.	Indicated State	DEC/ 2011	5 Jul 2010: Through Note DNA439/MET020/10 DGAC-0-1-1519 information was received that date of compliance will be December 2010. Through Note DNA-0529/11 DGAC-012987/2011 information was received regarding date of compliance, December 2011. Published for Airports El Alto, Cochabamba and Viru Viru

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AIS 163 SAM	Annex 15, Para. 3.2 Implementation of Quality system (QS) at the AIS	Bolivia	It is required the implementation of a quality system (QS); as well as, of the quality assurance and quality control procedures at the AIS/MAP services.		Relevant technical documentation and ruels are being prepared by the GREPECAS AIS/MAP Subgroup, in order to assist the CAR/SAM States to achieve this objective	A	I action Plan (2006) working are being carried out on the matter.	AASANA	DEC/ 2011	15 Jul 2010: Through Note DNA439/MET020/10 DGAC-0-1-1519 information was received that date of compliance is December 2011. To date 10% implemented. Through Note DNA-0529/11 DGAC-012987/2011 information was received regarding date of compliance, December 2011. SAMIG/13 was informed estimated date of implementation July 2015
AIS 179 SAM	ANNEX 15; Chap 3, 3.2.8, and 3.2.10 Integrity of aeronautical information/data.	Bolivia	Need that quality control (QC) system be implemented by the States, to ensure the required level of integrity of the aeronautical information/data issued and/or available. Application of cyclic redundancy check (CRC).		Registro Oficina SAM	A	Action Plan (2006).	AASANA	DEC/ 2011	15 Jul 2010: Through Note DNA439/MET020/10 DGAC-0-1-1519 information was received that date of compliance is December 2011. Through Note DNA-0529/11 DGAC-012987/2011 information was received regarding date of compliance, December 2011.

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AIS 220 SAM	CAR-SAM ANP Part VIII (AIS); Para. 65, 66, 67, 68 AND 69. Regional AIS automated system	Bolivia	Requirement for implementation of automated system at the AIS services, in agreement with the indicated in the CAR/SAM Air Navigation Plan..		Records SAM Office.	A	Action Plan (2006) 10% implemented	AASANA	DEC/ 2011	15 Jul 2010: Through Note DNA439/MET020/10 DGAC-0-1-1519 information was received that date of compliance is December 2011. Through Note DNA-0529/11 DGAC-012987/2011 information was received regarding date of compliance, December 2011.

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BOL Bolivia										
MET 30 SAM	Compliance with the requirements of the World Meteorological Organization (WMO) with regard to qualifications and training of aeronautical meteorology (MET) personnel (Annex 3, Chapter 2, Standard 2.1.5)	Bolivia / Aerodrome meteorological offices and meteorological watch office (MWO) of La Paz	Not all MET personnel complies with the requirements related to qualifications and training of WMO Publication No. 49. MET Technical personnel is complying functions of professional meteorologists.	OCT/ 2006	a) Carry out a review the functions and training of the aeronautical meteorologists; and b) plan and carry out training and/or refreshment courses for aeronautical meteorological personnel requiring them.	U	They have sent MET personnel to get trained in Argentina. These efforts will continue.	AASANA		a) Personnel licenses for aeronautical meteorology will be applied. b) Courses for meteorological forecasters are being scheduled.
MET 41 SAM	Notify the RVR for CAT 1 operations [(Annex 3, Chapter 4, para. 4.7.4 a)]	Bolivia / Aeronautical meteorological stations.	RVRs SLCB, SLVR and SLTR have not been implemented or are not operational.	OCT/ 2006	Plan the acquisition or repair of the RVRs.	A		AASANA	2010	
MET 87 SAM	Routine observations and reports (Annex 3, Chap. 8, Standard 4.3.2 a.)	Bolivia / all the aerodromes	Do not prepare MET REPORT.	OCT/ 2006	Standard implementation.	A		AASANA		
MET 88 SAM	Special observations and reports (Annex 3, Chap. 4, Standard 4.4.2 a.)	Bolivia / all the aerodromes	SPECIAL is not prepared.	OCT/ 2006	Standard implementation.	A		AASANA		
MET 89 SAM	Aeronautical Climatological information (Annex 3, Chap. 8, Standard 8.1.1)	Bolivia / all the aerodromes.	Aerodrome climatological tables are not prepared.	OCT/ 2008	Standard implementation.	B		AASANA		

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BRA Brasil										
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/Brazil	JUN/ 2007	ACTION PLAN: 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 Int'l	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 Int'l	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 Int'l	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 Int'l	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 Int'l	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 Int'l	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	BRAZIL/ANAC/INFRAERO	DEC/ 2012	
AGA 476 SAM	Doc 8733, FASID CAR/SAM – AOP	BRAZIL/ANAC/INFRAERO/Pontapora Int'l	ANP requires RFF CAT 6. It is CAT 2	AUG/ 2006	ICAO regular mission (01-03 AUG/06, Recommended Action AGA/07 of its respective Report)	U	Upgrade RFF to CAT 6	BRAZIL/ANAC/INFRAERO		
AGA 477 SAM	Doc 8733, FASID CAR/SAM – AOP	BRAZIL/ANAC/INFRAERO/Guararapes Int'l	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 Int'l	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 Int'l	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 Int'l	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 Int'l	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/INFRA ERO/Deputado Luis Eduardo Magalhaes Int'l	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/INFRA ERO/Santarém Int'l	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/INFRA ERO/Santarém Int'l	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/INFRA ERO/Santarém Int'l	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/INFRA ERO/Santarém Int'l	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/INFRA ERO/Santarém Int'l	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/INFRA ERO/Santarém Int'l	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/INFRA ERO/Marechal Cunha Machado Int'l	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/INFRA ERO/Marechal Cunha Machado Int'l	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		
AGA 491 SAM	Doc 8733, FASID CAR/SAM – AOP	BRAZIL/ANAC/INFRA ERO/Marechal Cunha Machado Int'l	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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CHL Chile										
AIS	1 SAM	ICAO Annex 15, Chapter 4; [Appendix 1, ENR 6 and AD 2.24]. Restructured AIP AIP English version	Chile	Need to issue the AIP document under a restructured format. [It is required that Enroute chart be included in AIP/ENR 6 section; and that all aeronautical charts related with the international airports, be also included in section AIP/AD 2.24.	SAM Office records.	A	Implementation Plan (2006) AIP English version 25%. 24 Jun 2010: Through Note DGAC-04/3/413/3255 it was informed that the restructured AIP format is applied. Difference published in AIP Vol. I GEN 1.7-13, Chapter 4. AIP 4.1.3 points out: "availability of aeronautical charts in AIP is not applied." Observation: Aeronautical charts are published in AIP Volume II". Aeronautical Information points out "English Version not applicable". ICAO is requested to eliminate this deficiency.	DGAC		
AIS	68 SAM	ICAO Annex 4, Chapter 11; 11.7.2 and 11.10.6.5. Instrumens approach charts.	Chile	Need to complete the inclusion of the topographic (11.7.2), and the ground profile informations (11.10.6.5) in the production of all instrument approach charts - OACI.	SAM Office records.	A	In action plan (2006) it is indicated that topographic is not shown in this chart, and that difference is indicated. 24 Jun 2010: Through Note DGAC-04/3/413/3255 it was informed that it is not applied in relief. This difference wil be published in the Chile AIP on December 2010 (AIRAC).	Indicated State		

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AIS 101 SAM	ICAO Annex 4, Chapter 7;Par. 7.6.2 Enroute Navigation Charts - ICAO.	Chile	Need to include the Area Minimun Altitude (AMA) in the ICAO Enroute Charts - ICAO .		SAM Office records	A	# It is indicated in action plan (2006) that no AMA data is included in this chart, and that difference will be issued. 24 Jun 2010: Through Note DGAC-04/3/413/3255 it was informed that the difference published in AIP Volume I GEN 1.7-4 Chapter 7, ICAO En-route Air Navigation Chart, 7.6.2 points out: not implemented. The text "not implemented" will be modified by "not applicable". This difference wil be published in the Chile AIP on December 2010 (AIRAC).	Indicated State		
AIS 131 SAM	Annex 4, Chap 13, Para 13.6.1 C). Aerodrome/Heliport Chart - ICAO.	Chile	Requirement to effectively satisfy the specification on the inclusion of geoid undulation in the Aerodrome/Heliport Chart - ICAO.		Records SAM Office.	A	It is indicated in Action Plan (2006) that difference with respect to the ICAO Annex 4 has been reptred. 24 Jun 2010: Through Note DGAC-04/3/413/3255 it was informed that geoid undulation is applied in airports only. This difference wil be published in the Chile AIP on December 2010 (AIRAC).	Indicated State		
AIS 154 SAM	Annex 15, Para. 5.2.13.3. NOTAM Summary	Chile	Need to effective comply with the international distribution of monthly printed plain-language list of NOTAM valid.		SAM Office records.	A	The implementation Plan (2006) Not applicable 24 Jun 2010: Through Note DGAC-04/3/413/3255 it was informed that compliance of international distribution of valid NOTAM printed lists in clear text is not applied. This difference is published in Chile AIP, Volume I, Gen 1.7-14, Chapter 5, NOTAM 5.2.13.3 "monthly printed list of NOTAM is not applied".	Indicated State		

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AIS 181 SAM	ANNEX 15; Chap 3, 3.2.12, Integrity of aeronautical information/data.	Chile	Application of cyclic redundancy check (CRC).		Registro Oficina SAM	A	Action Plan 2006. 24 Jun 2010: Through Note DGAC-04/3/413/3255 it was informed that in Volume I, Gen 1.7-13 Chapter 3, General, 3.2-10 indicates "CRC redundance not applied".	Indicated State		

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COL Colombia										
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	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.
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	Communicated by letter 002-11-01-00-3020/11 from airplan (operator) 10/08/11. a) DEC 2011 b) JUN 2012 c) JUL 2012
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		
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	

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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	
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"	Colombia		
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		
AGA 124 SAM	Rescue and Fire Fighting Service and airport emergency plan (Annex 14, Vol. I, Chap. 9)	Colombia, SAN ANDRES/Sesquicentenario	Inadequate location of airport fire station	MAY/ 2002	IFALPA Annex 19 Part 3 19-3-SAM-1	B	Reallocate airport fire station "PENDING ACTION PLAN" ACTION PLAN: A new fire station will be constructed near the TWR. The design and budget are ready (Doc 1003-003H4, 26 JAN 2004, UAEAC, Colombia)	Colombia	DEC/ 2004	
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		
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
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/ BOGOTA/El Dorado Int'l Airport	2006	

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AGA 454 SAM Annex 14, Vol. I, Ch. 3		COLOMBIA/AEROCIVIL/BOGOTA/El Dorado Int'l Airport	Depression between threshold and threshold lights (ends of RWY 13L/31R)	OCT/ 2005	ICAO regular mission (28-30/SEP/2005, Recommended Action AGA/07 of its respective Report)	A	Eliminate depression between threshold and threshold lights. "PENDING ACTION PLAN"	AEROCIVIL/BOGOTA/El Dorado Int'l Airport	APR/ 2011	Reclassified in 01FEB08 as deficiency "A" according to the GANDD new procedure (GREPECAS fast track) CODAC S.A. to repaved threshold in 2012
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		

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COL Colombia										
AIS 37	SAM Annex 15; 3.6.1 English language	Colombia	Requirement to use English for plain language texts in AIS publications		SAM RO Records..	A	Action Plan (2006) action is being taken on the matter 40% implemented April 2009: they report 60% implemented	Indicated State.	JUN/ 2009	
AIS 166	SAM Annex 15, Para. 3.2 Implementation of Quality system (QS) at the AIS	Colombia	It is required the implementation of a quality system (QS); as well as, of the quality assurance and quality control procedures at the AIS/MAP services.		Relevant technical documentation and rules are being prepared by the GREPECAS AIS/MAP Subgroup, in order to assist the CAR/SAM States to achieve this objective	A	Action Plan 2006. 30% implemented. 60% was implemented through the application of process management system (GP 1000) corresponding to the quality assurance systems.	Indicated State	JAN/ 2010	
AIS 182	SAM ANNEX 15; Chap 3, 3.2.8, and 3.2.10 Integrity of aeronautical information/data.	Colombia	Need that quality control (QC) system be implemented by the States, to ensure the required level of integrity of the aeronautical information/data issued and/or available. Application of cyclic redundancy check (CRC).		Registro Oficina SAM	A	Action Plan (2006) action is being taken on the matter. Rrequirements for aeronautical data integrity are included in RAC-15. Up to 2009 AIS counts with an automated system to manage information.	Indicated States	JAN/ 2012	

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ECU Ecuador										
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/GUAYAKUIL/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/GUAYAKUIL/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 UAYAKUIL	JUL/ 2006	
AGA 330 SAM	Emergency (Annex 14, Vol. I, Ch. 9)	ECUADOR/GUAYAKUIL/Simón Bolívar	No disbled aircraft removal plan	MAY/ 2003	ICAO Regular Mission (12-14 MAY 2003, Recommended Action AGA/31 of its respective Report)	B	DAC should develop/implement a disabled aircraft removal plan "PENDING ACTION PLAN" ACTION PLAN: Agreement in process with local company (Doc DGAC-k3-O-05-1237, 05 DEC 2005).	ECUADOR/D AC	JUL/ 2006	

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AGA 331 SAM	TWY Strip (Annex 14, Vol. I, Ch. 3)	ECUADOR/DAC/GUA YAQUIL/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/GUA YAQUIL/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/GUA YAQUIL/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		

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ECU Ecuador										
AIS	49 SAM ICAO Annex 4, Chapter 2.8; Chapter 16, Appendix 5. World Aeronautical Chart	Ecuador	Lack of compliance with the requirement for production of the world aeronautical chart (WAC, Scale: 1:1,000,000), according with the sheets distribution as it is established by ICAO to this serie of chart. Not production of this serie of chart with ICAO specification and under the WGS-84 system.		SAM Office records.	B	Action plan 2006. Only the VFR chart (Scale, 1:500,000) is produced to cover the national territory and jurisdictional waters. WAC, 50% implemented	Indicated State.		
AIS	133 SAM Annex 4, Chap 13, Para 13.6.1 C). Aerodrome/Heliport Chart - ICAO.	Ecuador	Requirement to effectively satisfy the specification on the inclusion of geoid undulation in the Aerodrome/Heliport Chart - ICAO.		Records SAM Office.	A	Action plan 2006 80% implemented	Indicated State		
AIS	135 SAM ICAO Annex 4, Chapter 11; 11.7.2 and 11.10.6.5. Instrument Approach Charts - OACI.	Ecuador	Need to include the topographic (11.7.2), and the ground profile informations (11.10.6.5) in the production of instrument approach charts - OACI.		Records SAM Office.	A	Action plan 2006 90% implemented	Indicated State		
AIS	183 SAM ANNEX 15; Chap 3, 3.2.8, and 3.2.10 Integrity of aeronautical information/data.	Ecuador	Need that quality control (QC) system be implemented by the States, to ensure the required level of integrity of the aeronautical information/data issued and/or available. Application of cyclic redundancy check (CRC).		Registro Oficina SAM	A	Action plan 2006.	Indicated States		
AIS	198 SAM Annex 15, Cap 8.3.1; Doc 8733 ANP, Parte VI, Para. 28 Post-flight Information Service	Ecuador	Need for effective coordination between the AIS, ATS and users for the effective level of compliance with this requirement.		Records SAM Office.	A	Action plan 2006. 30% implemented.	Indicated State		
AIS	232 SAM Annex 15; 3.6.1 English language	Ecuador	Requirement to use English for plain language texts in AIS publications		SAM RO Records..	A	Action plan 2005. 50% implemented.	Indicated State.		

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ECU Ecuador

ATM	5 SAM	English proficiency in Air Traffic Services, CAR/SAM/3 Rec. 5/35	Ecuador	The proficiency in the English language of some ATC units is below the desired level and could be a contributory factor for the occurrence of incidents and/or aeronautical accidents. (Annex 1).	OCT/ 1995	GREPECAS/5	U	1. Incorporate personnel with a good level of colloquial English. 2) Establish a training plan and recurrence of the English language. (Mission 2003: State is encouraged to continue with training plan).	CAD Ecuador	DEC/ 2009	2008: Doc DGAC NB-08-08-114 of 15/07/08 Air Traffic Management expresses that the Training plan continues through years 2008 and 2009. 2007: Ecuador informed that its controllers have not been able to reach level 4 of the language proficiency foreseeing its finalization by 2007.
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ECU Ecuador

MET	33 SAM	Compliance with the requirements of the World Meteorological Organization (WMO) with regard to qualifications and training of aeronautical meteorology (MET) personnel (Annex 3, Part I, Chapter 2, standard 2.1.5)	Ecuador / Aerodrome meteorological offices and meteorological watch office (MWO) of Guayaquil	Not all MET personnel complies with the requirements related to qualifications and training of WMO Publication No. 49.	JUN/ 1996	a) Review the functions and training of the aeronautical meteorologists; and b) Plan and carry out training and/or refreshment courses for aeronautical meteorological personnel requiring them.	U	Training programmes at national and international level are being carried out to have the specialized aeronautical meteorology personnel required.	DGAC	2007
MET	84 SAM	Observations and routine reports (annex 3, Part I, Chap. 4, Standard 4.3.2 a)	Ecuador, aerodrome meteorological Offices.	The standard has not been implemented.	MAY/ 2007	Update personnel and implement the standard.	A		DGCA	
MET	85 SAM	Observations and routine reports (annex 3, Part I, Chap. 4, Standard 4.4.2 a)	Ecuador, aerodrome meteorological Offices.	The standard has not been implemented.	MAY/ 2007	Update personnel and implement the standard.	A		DGCA	

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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)	Guyana	DEC/ 2011	
AGA 247 SAM	Visual aids (Doc 8733, Vol. II, FASID)	Guyana/TIMEHRI/Chedi Jagan Int'l Airport	No precision approach Category I lighting system at RWY 06, as it is recommended by the Regional ANP	NOV/ 2002	Detected during mission conducted by ICAO Secretariat	B	Install precision approach Category I lighting system at RWY 06 and/or inform the ICAO SAM Office when it will be done "PENDING ACTION PLAN" INFORMATION: CAA says: "Extremely difficult, if not impossible, to install facility due to ravine and swamp in the approach area" (Doc ICAO/5/3/1, 22 JUN 2004)	Guyana	AUG/ 2005	CAA informs: "Extremely difficult, if not impossible, to install approach lighting for RWY 06 due to ravine and swamp in the approach area (Doc ICAO/5/3/1, 22 JUN 2004)
AGA 256 SAM	Airport development (Doc 9184-AN/902, Part 1)	Guyana/TIMEHRI/Chedi 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)	Guyana	DEC/ 2004	

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GUY Guyana										
AIS	54 SAM	Annex 4, 17; Cap. 17.1. VFR aeronautical chart (Scale, 1:500,000)	Guyana	Need for production of this series of ICAO chart under the WGS-84 system to satisfy the lack of production of the WAC aeronautical chart.	SAM Office records.	B	Action plan (2004) required actions should be taken.	Indicated State.		
AIS	70 SAM	ICAO Annex 4, Chapter 11; 11.7.2 and 11.10.6.5. Instrumens approach charts.	Guyana	Need to complete the inclusion of the topographic (11.7.2), and the ground profile informations (11.10.6.5) in the production of all instrument approach charts - OACI.	SAM Office records.	A	Action plan (2004. 50% implemented.	Indicated State		
AIS	105 SAM	ICAO Annex 4, Chapter 7;Par. 7.6.2 Enroute Navigation Charts - ICAO.	Guyana	Need to produce and include in the AIP the Enroute Charts - ICAO, also including the required Area Minimum Altitude (AMA) in such serie of charts.	SAM Office records	A	Action plan 2004. 50% implemented.	Indicated State		
AIS	127 SAM	Annex 15, Chap 8.3.1; Doc 8733 ANP, Parte VI, Para. 28 Post-flight Information Service	Guyana	Need for effective coordination between the AIS, ATS and users for the effective level of compliance with this requirement.	Records SAM Office.Email Guyana 29/june/2011 AIC will be dissemineted to inform users of this need	A	Action Plan 2004 90% implemented.	Indicated State	DEC/ 2011	
AIS	134 SAM	Annex 4, Chap 13, Para 13.6.1 C). Aerodrome/Heliport Chart - ICAO.	Guyana	Requirement to effectively satisfy the specification on the inclusion of geoid undulation in the Aerodrome/Heliport Chart - ICAO.	Records SAM Office.Email Guyana 29/june/2011 Next Chart production will include this estándar	A	Action Plan 2004 50% implemented.	Indicated State	2012	It is planned to implement in the next chart in 2012
AIS	169 SAM	Annex 15, Para. 3.2 Implementation of Quality system (QS) at the AIS	Guyana	It is required the implementation of a quality system (QS); as well as, of the quality assurance and quality control procedures at the AIS/MAP services.	Relevant technical documentation and rules has been developed by the GREPECAS AIS/MAP Subgroup, in order to assist the CAR/SAM States to achieve this objective.	A	Action plan 2004 action should be taken as required	Indicated State	2012	QMS to be developed by 2012 Email Guyana 29/june/2011

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AIS 185 SAM	ANNEX 15; Chap 3, 3.2.8, and 3.2.10 Integrity of aeronautical information/data.	Guyana	Need that quality control (QC) system be implemented by the States, to ensure the required level of integrity of the aeronautical information/data issued and/or available. Application of cyclic redundancy check (CRC).		Email Guyana 29/june/2011 Pending tyhe implementation of QMS-AIS	A	Action plan 2004 action should be taken as required	Indicated States	2012	pending the implementation of QMS Email Guyana 29/june/2011
AIS 225 SAM	CAR-SAM ANP Part VIII (AIS); Para. 65, 66, 67, 68 AND 69. Regional AIS automated system	Guyana	Requirement for implementation of automated system at the AIS services, in agreement with the indicated in the CAR/SAM Air Navigation Plan..		Records SAM Office. Email Guyana 29/june/2011 40% completed. Studies has to be done to determine needs and develop a roadmap	A	Action Plan 2004 20% implemented.	Indicated State	2014	40% completed. Studies has to be done to determine needs and develop a road map

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GUY Guyana										
MET 17 SAM	Exchange of OPMET information (FASID CAR/SAM para. 35 to 39)	Guyana / Aeronautical meteorological stations and meteorological watch offices (MWO) of Georgetown	OPMET information is not being disseminated in accordance with the requirements of CAR/SAM FASID Tables MET 2A and MET 2B.	NOV/ 2006	Follow-up CAR/SAM FASID Tables MET 2A and MET 2B.	A		Hidromet Service		
MET 28 SAM	SIGMET information (Annex 3, Chapter 7, Standard 7.1.1)	Guyana / Meteorological watch offices (MWO) of	Not all SIGMET messages are prepared based on the procedures established by ICAO.	NOV/ 2006	a) Prepare SIGMET information based on Table A6-1 Template for SIGMET and AIRMET messages and special air-reports (uplink); and b) make use of the Guide for the preparation, dissemination and use of SIGMET messages in the CAR/SAM Regions.	U		Hydromet Service		
MET 34 SAM	Compliance with the requirements of the World Meteorological Organization (WMO) with regard to qualifications and training of aeronautical meteorology (MET) personnel (Annex 3, Part I, Chapter 2, standard 2.1.5)	Guyana / Aerodrome meteorological office and meteorological watch office (MWO) of Georgetown	The MET Authority does not have available the minimum quantily of personnel to provide MET service.	NOV/ 2006	a) Review the funcions and training of the aeronautical meteorologists; and b) Plan and carry out training and/or refreshment courses for aeronautical meteorological personnel requiring them.	U		Hydromet Service		
MET 44 SAM	Report the RVR for CAT 1 operations [(Annex 3, Part I, Chapter 4, Recommendation 4.7.4 a)]	Guyana / Georgetown aeronautical meteorological station	RVRs SYCJ is not operational.	NOV/ 2006	Plan the repairment of the RVR	A		Hydromet Service		
MET 56 SAM	Surface wind, Annex 3, Standard 4.1.2.1)	Guyana COM Unit	Displays of surface wind in ATS units corresponds to wind sensor installed under the control tower	NOV/ 2006	Surface wind displays from surface wind from meteorological stations shall be installed in ATS units	U	Project proposal for new equipment includes Automated Weather System. This will fulfill this task when it becomes available. It is envisaged that once the project is approved, the deficiency will no longer exist.	Hydromet Service		

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MET 61 SAM	Requirements for communications, Annex 3, Chap. 11, Standard 11.1.1	Guyana, COM uit		NOV/ 2006	Suitable communications facilities shall be made available to permit MET offices to supply the required MET information to ATS units.	A	Project proposal for new equipment includes Automated Weather System. This will fulfill this task when it becomes available. It is envisaged that once the project is approved, the deficiency will no longer exist.	Hydromet Service		
MET 93 SAM	Routine observations and reports (Annex 3, Chap. 8, Standard 4.3.2 a.)	Guyana/Timehri Meteorological Office	MET Reports are not prepared.	DEC/ 2008	Implement the standard	A		Hydromet Service	JUL/ 2009	
MET 94 SAM	Special observations and reports (Annex 3, Chap. 4, Standard 4.4.2 a.)	Guyana/Timehri Meteorological Office	SPECIAL is not prepared	DEC/ 2008	Implement the standard.	A		Hydromet Service	JUL/ 2009	
MET 95 SAM	Aeronautical Climatological information (Annex 3, Chap. 8, Standard 8.1.1)	Guyana/Timehri Meteorological Office	Aerodrome climatological tables are not prepared.	DEC/ 2008	Implement the standard.	B		Hydromet Service	JUL/ 2009	

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PAN Panama										
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. ACTION TAKEN: 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" ACTION PLAN: 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 341 SAM	RFF (Annex 14, Vol. I, Ch. 9)	PANAMA/DGAC/BOC AS DEL TORO/Bocas del Toro	The airport does not have RFF services. The Regional ANP recommends RFF Category 5	MAY/ 2003	ICAO Regular Mission (19-20 MAY 2003, Recommended Action AGA/02 of its respective Report)	A	Provide the RFF services for this airport "PENDING ACTION PLAN"	PANAMA/DG AC		
AGA 342 SAM	Visual Aids (Annex 14, Vol. I, Ch. 5 & Doc 8733, FASID CAR/SAM - AOP)	PANAMA/DGAC/BOC A DEL TORO/Boca del Toro	There is no PAPI for both Ends (RWY 08/25)	MAY/ 2003	ICAO Regular Mission (19-20 MAY 2003, Recommended Action AGA/04 of its respective Report)	B	Install the PAPIs as it recommends the Regional ANP "PENDING ACTION PLAN"	PANAMA/DG AC		
AGA 343 SAM	RFF (Annex 14, Vol. I, Ch. 9 & Doc 9733, FASID CAR/SAM - AOP)	PANAMA/DGAC/CHA NGUINOLA/Cap. Manuel Niño	The airport does not have RFF services. The Regional ANP recommends RFF Category 5	MAY/ 2003	ICAO Regular Mission (19-20 MAY 2003, Recommended Action AGA/05 of its respective Report)	A	Provide RFF Category 5 according to the Regional ANP "PENDING ACTION PLAN"	PANAMA/DG AC		
AGA 344 SAM	Visual Aids (Annex 14, Vol. I, Ch. 5 & Doc 8733, FASID CAR/SAM - AOP)	PANAMA/DGAC/CHA NQUINOLA/Cap. Manuel Niño	There is no PAPI for RWY 03 as it recommends the Regional ANP	MAY/ 2003	ICAO Regular Mission (19-20 MAY 2003, Recommended Action AGA/07 of its respective Report)	B	Install the PAPI for RWY 03, as recommended by the Regional ANP "PENDING ACTION PLAN"	PANAMA/DG AC		

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AGA 345 SAM	Visual Aids (Annex 14, Vol. I, Ch. 5 & Doc 8733, FASID CAR/SAM - AOP)	PANAMA/DGAC/CHA NGUINOLA/Cap. Manuel Niño	The RWY marking aids need to be repainted	MAY/ 2003	ICAO Regular Mission (19-20 MAY 2003, Recommended Action AGA/08 of its respective Report)	A	Repaint the RWY marking aids "PENDING ACTION PLAN"	PANAMA/DG AC	DEC/ 2003	
AGA 346 SAM	RFF (Annex 14, Vol. I, Ch. 9 & Doc 8733, FASID CAR/SAM - AOP)	PANAMA/DGAC/DAVI D/Enrique Malek	The airport does not have RFF services. The Regional ANP recommends RFF Category 5	MAY/ 2003	ICAO Regular Mission (19-20 MAY 2003, Recommended Action AGA/09 of its respective Report)	A	Provide RFF services Category 5 for this airport according to the Regional ANP "PENDING ACTION PLAN"	PANAMA/DG AC		
AGA 348 SAM	ANP (Doc 8733, FASID CAR/SAM - AOP)	PANAMA/DGAC/Tocu mén	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" ACTION PLAN: 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	
AGA 349 SAM	Visual Aids (Annex 14, Vol. I, Ch. 5 & Doc 8733, FASID CAR/SAM - AOP)	PANAMA/DGAC/Tocu mén	There is no PAPI for RWY 21L, as it recommends the Regional ANP	MAY/ 2003	ICAO Regular Mission (19-20 MAY 2003, Recommended Action AGA/14 of its respective Report)	B	Install PAPI for RWY 21L, according to the recommendation of the Regional ANP "PENDING ACTION PLAN" ACTION PLAN: Scheduled to be installed in JUN 2004 (Doc 134/PAN/03/902).	PANAMA/DG AC	JUN/ 2004	
AGA 350 SAM	Visual Aids (Annex 14, Vol. I, Ch. 5 & Doc 8733, FASID CAR/SAM - AOP)	PANAMA/DGAC/Tocu mén	There is no PAPI for RWY 21R, as it recommends the Regional ANP	MAY/ 2003	ICAO Regular Mission (19-20 MAY 2003, Recommended Action AGA/16 of its respective Report)	B	Install PAPI for RWY 21R, according to the recommendation of the ANP "PENDING ACTION PLAN" ACTION PLAN: To be installed in 2006 (Doc 134/PAN/03/902).	PANAMA/DG AC	2006	

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AGA 351 SAM	Visual Aids (Annex 14, Vol. I, Ch. 5 & Doc 8733, FASID CAR/SAM -AOP)	PANAMA/DGAC/Tocumen	There is no RWY side stripe marking, as it recommends the Regional ANP	MAY/ 2003	ICAO Regular Mission (19-20 MAY 2003, Recommended Action AGA/17 of its respective Report)	B	Paint the RWY side stripe marking according to the recommendation of the Regional ANP "PENDING ACTION PLAN" ACTION PLAN: A new AC layer will be constructed in 2004 (Doc 134/PAN/03/902).	PANAMA/DG AC	2004	
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/DG AC	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/DG AC	JUL/ 2004	
AGA 354 SAM	FOD/Mantenimiento (Annex 14, Vol. I, Ch. 9 & Doc 9137-AN/898, Parts 8 & 9	PANAMA/DGAC	There are no mechanical sweepers at the international airports and no special attention is given to FOD	MAY/ 2003	ICAO Regular Mission (19-20 MAY 2003, Recommended Action AGA/21 of its respective Report)	A	Comply with the ICAO recommendations in terms of daily inspections, cleaning the surfaces, etc "PENDING ACTION PLAN"	PANAMA/DG AC		
AGA 355 SAM	Visual Aids (Annex 14, Vol. I, Ch. 5)	PANAMA/DGAC/Tocumen	The marking aids of RWY 03L/21R are faded	MAY/ 2003	ICAO Regular Mission (19-20 MAY 2003, Recommended Action AGA/22 of its respective Report)	A	Provide the painting of the RWY marking aids "PENDING ACTION PLAN" ACTION PLAN: Touchdown zone painted. General painting in the rehabilitation project. Starts in JUN 2004, ends MAY 2005 (Doc 134/PAN/03/902).	PANAMA/DG AC	MAY/ 2005	

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AGA 356 SAM	Obstacles (Annex 14, Vol. I, Ch. 4 & 8)	PANAMA/DGAC/Tocumen	There is an open drainage canal, approximately, 150 m beyond the threshold of End 03L. This canal is dangerous for any aircraft that is landing or taking off (overrunning the RWY)	MAY/ 2003	ICAO Regular Mission (19-20 MAY 2003, Recommended Action AGA/23 of its respective Report)	B	Provide a covering for the canal or its relocation outside the RWY operational area "PENDING ACTION PLAN" ACTION PLAN: Covering will be started in JUN 2004, ends FEB 2005 (Doc 134/PAN/03/902).	PANAMA/DG AC	FEB/ 2005	
AGA 357 SAM	RWY Strip/Bird Harzards (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 gras 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/DG AC	FEB/ 2005	
AGA 358 SAM	Drainage (Annex 14, Vol. I, Ch. 9 & Doc 9137-AN/898, Part 9)	PANAMA/DGAC/Tocumen	There is a drainage canal in the RWY strip and the drainage system needs better maintenance	MAY/ 2003	ICAO Regular Mission (19-20 MAY 2003, Recommended Action AGA/25 of its respective Report)	B	Clean and maintain the drainage system, keeping it free of accumulated water "PENDING ACTION PLAN" ACTION PLAN: The cleaning and maintenance of the drainage system will be done from JUN 2004 to FEB 2005 (Doc 134/PAN/03/902).	PANAMA/DG AC	FEB/ 2005	
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	

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AGA 360 SAM	RESA (Annex 14, Vol. I, Ch. 3)	PANAMA/DGAC/Tocumen	RWY 21L has stop way zone and 260 m of unlevelled terrain that can work as RESA	MAY/ 2003	ICAO Regular Mission (19-20 MAY 2003, Recommended Action AGA/27 of its respective Report)	B	Level the area beyond the stop way for working as RESA "PENDING ACTION PLAN" ACTION PLAN: Included in Project 3. Starts in JUN 2004, ends FEB 2005 (Doc 134/PAN/03/902).	PANAMA/DG AC	FEB/ 2005	
AGA 361 SAM	Emmergency Access Road (Annex 14, Vol. I, Ch. 3, 8 & 9)	PANAMA/DGAC/Tocumen	There are no emergency access roads. This aspect becomes very important and dangerous because there is no way to arrive at the approaches areas of both RWY Ends	MAY/ 2003	ICAO Regular Mission (19-20 MAY 2003, Recommended Action AGA/28 of its respective Report)	A	Construct emergency access roads "PENDING ACTION PLAN" ACTION PLAN: Included in 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 363 SAM	Visual Aids (Annex 14, Vol. I, Ch. 5)	PANAMA/DGAC/Tocumen	There are some markings on the RWY surface in yellow colour and not in accordance to ICAO SARPs	MAY/ 2003	ICAO Regular Mission (19-20 MAY 2003, Recommended Action AGA/30 of its respective Report)	A	Paint the RWY surface markings according to Chapter 5 of Annex 14, Volume I "PENDING ACTION PLAN" ACTION PLAN: Changed marking color from yellow to white for RWY 03R/21L in FEB 2004. RWY 03L/21R painting was requested (Doc 134/PAN/03/902).	PANAMA/DG AC	AUG/ 2005	

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AGA 364 SAM	Emergency/COE (Annex 14, Vol. I, Ch. 9)	PANAMA/DGAC/Tocumen	The airport operations centre (COE) is not well located because it does not provide a clear view of the movement area and isolated aircraft parking position. Several people, in one room, can trigger the phone calls in case of emergency	MAY/ 2003	ICAO Regular Mission (19-20 MAY 2003, Recommended Action AGA/31 of its respective Report)	A	Clearly define who is in charge to trigger the phone calls in the Emergency Operations Centre. A room should be prepared for the COE and only the person on duty, responsible for triggering the phone calls in case of emergency, should stay there. The telephone numbers should be exposed in big numbers, in order of priority, in front of the operator. Good location should be provided for the COE "PENDING ACTION PLAN" ACTION PLAN: Tocumen's personnel visited Santiago and Quito for knowing their installations. Design for constructing of new installations for COE. Starts in JUN 2004, ends DEC 2005 (Doc 134/PAN/03/902).	PANAMA/DG AC	DEC/ 2005	
AGA 369 SAM	FOD/Bird Hazards (Annex 14, Vol. I, Ch. 9, Amendment 5 to Annex 14 & Doc 9137-AN/898, Parts 8 & 9)	PANAMA/DGAC/Tocumen	FOD was found at the aprons surface, such as: papers, plastic, metals, coarse and fine aggregates, etc. In addition, birds were getting food (rest of food from the aircraft) from the deposits of FOD	MAY/ 2003	ICAO Regular Mission (19-20 MAY 2003, Recommended Action AGA/36 of its respective Report)	A	Maintain the pavement surfaces free of FOD, carrying out daily inspections according to ICAO recommendations. Rests of food should not be kept in the deposits, which should be covered "PENDING ACTION PLAN" ACTION PLAN: Budget for acquisition of a mechanical sweeper and new recipients with covering for rest of food was approved. Scheduled for AUG 2004 (Doc 134/PAN/03/902).	PANAMA/DG AC	AUG/ 2004	
AGA 463 SAM	Annex 14, Vol. I, Ch. 9	PANAMA/DGAC	The National Bird/Wildlife Hazard Prevention Committee is not active	APR/ 2006	ICAO regular mission (26-28/APR/06, New Recommended Action AGA/02 of its respective Report)	A	Reactivate the National Bird/Wildlife Hazard Prevention Committee	PANAMA/DG AC		

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AGA 464 SAM Doc 8733, Vol. II, FASID		PANAMA/DGAC/BOC AS DEL TORO	ANP requires ATR 72 as critical aircraft; 21 ton maximum load. Only small aircraft are allowed to operate with maximum load of 26,499 lb	MAY/ 2003	ICAO regular mission (19-20 MAY/03, Recommended Action AGA/03 of its respective Report)	B	Officialy solicit the SAM Office to update the ANP	PANAMA/DG AC		
AGA 465 SAM Doc 8733, Vol. II, FASID		PANAMA/DGAC/CHA NGUINOLA	ANP requires ATR 72 as critical aircraft; 21 ton maximum load, Only small aircraft are allowed to operate with maximum load of 47,740 lb	MAY/ 2003	ICAO regular mission (19-20 MAY/03, Recommended Action AGA/06 of its respective Report)	B	Officialy solicit the SAM Office to update the ANP	PANAMA/DG AC/CHANGU INOLA		
AGA 466 SAM Doc 8733, Vol. II, FASID		PANAMA/DGAC/DAVID/Enrique Malek	ANP requires reference code 3C; Rwy is 2050 m long; 21 ton maximum load; critical aircraft: ATR72. Rwy is 2100 m long and allowable load is 209,625 lb	MAY/ 2003	ICAO regular mission (19-20 MAY/03, Recommended Action AGA/10 of its respective Report)	B	Officialy solicit the SAM Office to update the ANP	PANAMA/DG AC/DAVID/Enrique Malek		
AGA 467 SAM Doc 8733, Vol. II, FASID		PANAMA/DGAC/Marcos A. Gelabert	ANP requires Rwy 1790 long; without parallel Twy to End 18; edge twy lights. Rwy is 1800 m long; there is parallel twy to End 18 and lights at twys intersections.	MAY/ 2003	ICAO regular mission (19-20 MAY/03, Recommended Action AGA/11 of its respective Report)	B	Officialy solicit the SAM Office to update the ANP	PANAMA/DG AC/Marcos A. Gelabert		
AGA 468 SAM Doc 8733, Vol. II, FASID		PANAMA/DGAC/TOCUMEN S.A.	ANP requires rwy 03L/21R 2600 m long. It is 2682 m long	MAY/ 2003	ICAO regular mission (19-20 MAY/03, Recommended Action AGA/15 of its respective Report)	B	Officialy solicit the SAM Office to update the ANP	PANAMA/DG AC/TOCUMEN S.A.		
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		

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PAN Panama										
AIS	41 SAM	ANNEX 15 , Chap. 8; Doc 8733 ANP, Par. 20; FASID,Table AIS-1 Implementation of required AIS aerodrome units.	Panama	Need for effective implementation of AIS aerodrome units (David, Bocas del Toro and Changuinola) as required by the FASID,Table AIS-1.	Records SAM Office.	A	Action Plan (2006).	Indicated State.		
AIS	50 SAM	ICAO Annex 4, Chapter 2.8; Chapter 16, Appendix 5. World Aeronautical Chart	Panama	Lack of compliance with the requirement for production of the world aeronautical chart (WAC, Scale; 1:1,000,000) , according with the sheets distribution as it is established by ICAO to this serie of chart. Not production of this serie of chart with ICAO specification and under the WGS-84 system.	SAM Office records.	B	Action plan 2006 VFR aeronautical chart (Scale, 1:500,000) is produced to cover the national territory and jurisdictional waters.	Indicated State.		
AIS	71 SAM	ICAO Annex 4, Chapter 11; 11.7.2 and 11.10.6.5. Instrumens approach charts.	Panama	Need to complete the inclusion of the topographic (11.7.2), and the ground profile informations (11.10.6.5) in the production of all instrument approach charts - OACI.	SAM Office records.	A	# Implementation Plan (2002) indicated that relevant action is being taken on the matter.	Indicated State		
AIS	77 SAM	ICAO Annex 4, Chapter 3. Aerodrome Obstacle Chart - ICAO, Type A.	Panama	Need for effective production of Aerodrome Obstacle Chart - ICAO, Type A., concerning the following airport: Marcos Gelabert, Enrique Malek y Bocas del Toro..	SAM Office records.	A	Action plan 2006 Will be completed during 2007.	Indicated State		
AIS	137 SAM	ICAO Annex 4, Chapter 7;Par. 7.6.2 Enroute Navigation Charts - ICAO.	Panama	Need to produce and include in the AIP the Enroute Charts - ICAO, also including the required Area Minimun Altitude (AMA) in such serie of charts.	Records SAM Office.	A	Action plan (2006) Action is being taken.	Indicated State		

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AIS 170 SAM	Annex 15, Para. 3.2 Implementation of Quality system (QS) at the AIS	Panama	It is required the implementation of a quality system (QS); as well as, of the quality assurance and quality control procedures at the AIS/MAP services.		Relevant technical documentation and rules are being prepared by the GREPECAS AIS/MAP Subgroup, in order to assist the CAR/SAM States to achieve this objective	A	Action plan 2006 Action is being taken.	Indicated State		
AIS 186 SAM	ANNEX 15; Chap 3, 3.2.8, and 3.2.10 Integrity of aeronautical information/data.	Panama	Need that quality control (QC) system be implemented by the States, to ensure the required level of integrity of the aeronautical information/data issued and/or available. Application of cyclic redundancy check (CRC).		Registro Oficina SAM	A	Action plan 2006 Action is being taken.	Indicated States		
AIS 199 SAM	Annex 15, Cap 8.3.1; Doc 8733 ANP, Parte VI, Para. 28 Post-flight Information Service	Panama	Need for effective coordination between the AIS, ATS and users for the effective level of compliance with this requirement.		Records SAM Office.	A	Action Plan (2006) During 2007.	Indicated State		
AIS 213 SAM	ANP Para. 11, 16, 17, 18 AND 19 Training of AIS personel.	Panama	Need for an effective level of training of the AIS personel according to the stated by the CAR/SAM Air Navigation Plan, Part VIII (AIS/MAP), in agreement with a regular quality assurance program; and granted the AIS staff with a corresponding certificate of competence equal to an AIS licence.		Records SAM Office.	A	Action plan 2006 During 2006 - 2007	Indicated State		
AIS 226 SAM	CAR-SAM ANP Part VIII (AIS); Para. 65, 66, 67, 68 AND 69. Regional AIS automated system	Panama	Requirement for implementation of automated system at the AIS services, in agreement with the indicated in the CAR/SAM Air Navigation Plan..		Records SAM Office.	A	Action Plan (2006) Ongoing	Indicated State		

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PAN Panama										
MET 35 SAM	Compliance with the requirements of the World Meteorological Organization (WMO) with regard to qualifications and training of aeronautical meteorology (MET) personnel (Annex 3, Chapter 2, Standard 2.1.5)	Panama / Aerodrome meteorological offices and meteorological watch offices (MWO) of Tocumen	Not all MET personnel complies with the requirements related to qualifications and training of WMO Publication No. 49.	NOV/ 2000	a) Review the funcions and training of the aeronautical meteorologists; and b) Plan and carry out training and/or refreshment courses for aeronautical meteorological personnel requiring them.	U	They are making efforts to use the resources of some projects to be implemented. Plans for the formation and update to start in 2009 and end in 2011. Coordination with the universities is being carried out to correct this deficiency.	CAA	DEC/ 2015	Lack of Training Centres in the Region that provide licenses in this matter. Economic resources to train personnel abroad. Personnel from with University technical degree is been hired (gradually), as requirement. Training is expected to be provided to permanent and new hired personnel.
MET 81 SAM	Aeronautical meteorological stations and observations (Annex 3, Part I, Chap. 4, standard 4.1.1)	Panama, Changinoá, Bocas del Toro and David aerodromes.	There are no MET stations in the aerodromes of MPBO, MPCH and MPDA.		Acquire and install the stations.	U	The Aeronautical Authority of has already planned the installation of sensors and meteorological equipment at the aerodromes of Bocas del Toro, Changuinola and David, in order to correct this deficiency as soon as possible.	AAC	OCT/ 2010	The installation stage of these MET stations in MPBO, MPCH and MPDA was initiated, as well as in most of the aerodromes and aeronautical stations of the country.

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PER Peru										
AIS	12 SAM	ICAO Annex 15, Para. 3.4.4. 1 y 3.4.4. 2. WGS-84.Geodetic System	Peru	Need to complete the implementation of the WGS-84 system, mainly with respect to the survey of all required obstacles data, effective coordination on the geographical coordinates at the boundaries of common FIRs and the publication of the geoid undulation as required. a) Obstacle data: In 2008 de upating of obstacle data and geographical coordinateswill be re-initiated. Completion date 2013 b) geoid undulation: Action Plan 2010-2016	JAN/ 2012	SAM RO Records 23/01/2012. Action Plan updated.	A	Action Plan (2006) 90% implemented	Indicated State	2009
AIS	39 SAM	Annex 15; 3.6.1 English language	Peru	Requirement to use English for AIP.	JUL/ 2008	SAM RO Records. Implementation is expected December 2012	A	Action Plan (2006) 15% implemented.	Indicated State.	DEC/ 2009
AIS	56 SAM	Annex 4, 17; Cap. 17.1. VFR aeronautical chart (Scale, 1:500,000)	Peru	Need for production of this series of ICAO chart under the WGS-84 system to satisfy the lack of production of the WAC aeronautical chart.		SAM Office records. Implementation is expected in December 2016.	B	Action plan (2006).	Indicated State.	DEC/ 2012
AIS	73 SAM	ICAO Annex 4, Chapter 11; 11.7.2 and 11.10.6.5. Instrumens approach charts.	Peru	Need to complete the inclusion of the topographic (11.7.2), and the ground profile informations (11.10.6.5) in the production of all instrument approach charts - OACI.		SAM Office records. Implementation is expected in December 2012.	A	Action Plan (2006) 40% implemented.	Indicated State	DEC/ 2010
AIS	78 SAM	ICAO Annex 4, Chapter 3. Aerodrome Obstacle Chart - ICAO, Type A.	Peru	Need for effective production of Aerodrome Obstacle Chart - ICAO, Type A., concerning the following airport: Arequipa, Chiclayo, Iquitos, Cusco, y Talara.		SAM Office records. It is included in Action Plan 2010-2016.	A	Action plan (2006) 30% implemented.	Indicated State	DEC/ 2010

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AIS 172 SAM	Annex 15, Para. 3.2 Implementation of Quality system (QS) at the AIS	Peru	It is required the implementation of a quality system (QS); as well as, of the quality assurance and quality control procedures at the AIS/MAP services.		implementation es expected in december 2012	A	Action plan 2006 30% implemented	Indicated State	DEC/ 2012	
AIS 176 SAM	ICAO Annex 4, Chapter 2.8; Chapter 16, Appendix 5. World Aeronautical Chart	Peru	Lack of compliance with the requirement for production of the world aeronautical chart (WAC, Scale: 1:1,000,000) , according with the sheets distribution as it is established by ICAO to this serie of chart. Not production of this serie of chart with ICAO specification and under the WGS-84 system. Need for effective implementation of AIS aerodrome units (Pisco) as required by the FASID, Table AIS-1. An AIS unit has been implemented at Pisco aerodrome with personnel having AIS licensing.		SAM Office records. It is included in Action Plan 2010-2016	A	Action plan (2006)	Indicated State	2012	
AIS 188 SAM	ANNEX 15; Chap 3, 3.2.8, and 3.2.10 Integrity of aeronautical information/data.	Peru	Application of cyclic redundancy check (CRC).		Registro Oficina SAM. Implementation is expected in December 2012.	A	Action Plan (2006) Ongoing	Indicated States	DEC/ 2012	

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PER Peru

MET	46 SAM	Notify the RVR for CAT 1 operations (Annex 3, Chap 4, Rec 4.6.3.2)	Peru / Aeronautical meteorological stations	RVRs SPHI, SPSO and SPTN have not been implemented.	JUN/ 1996	Plan the acquisition or repairment of the RVRs.	A	Chiclayo and Pisco August 2012. Tacna December 2012.	CORPAC	2011
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PRY Paraguay										
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

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PRY Paraguay

AIS	38 SAM Annex 15; 3.6.1 English language	Paraguay	Requirement to use English for plain language texts in AIS publications		SAM RO Records. P/DINAC 1302/2011 Implementation is expected in August 2012.	A	Action Plan (2006) Action Plan completion August 2012	DINAC	APR/ 2015	Implementation planned in August 2012 P/DINAC nro 1302/2011 EXP DINAC Nro. 002168/11 Correcting action plan implemented 90%
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PRY Paraguay

CNS	21 SAM	Radio Navigation Service Plan. Table CNS 3. VOR	Paraguay, Mariscal Estigarribia	This VOR is not implemented	MAY/ 1989	This facility, recommended for en-route navigation, would support air routes UA320 and UA321	A	The modernization project of the Paraguayan air navigation system considers the VOR/DME. Date of VOR/DME implementation was not supplied.	Paraguay	
								A new Doppler VOR will be installed at the Asunción Airport in the second semester of 2014 the VOR currently installed in Asunción Airport it is foreseen to be installed at Mariscal Estigarribia		

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PRY Paraguay

MET	45 SAM	Notify the RVR for CAT 1 operations (Annex 3, Part I, Chapter 4, Recommendation 4.6.3.2)	Paraguay / aeronautical meteorological stations	The RVR SGES is not in operation.	OCT/ 2006	In SGES, the equipment is out of service and the purchase of an Automatic Meteorological Station is planned, including an RVR equipment.	A	A project is being developed and is in the final process, through this project an Automatic Meteorological Station was acquired, including RVR for SGES. RVR operations are foreseen to start at Asunción and Ciudad del Este	DINAC	DEC/ 2014
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SUR Suriname										
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 234 SAM	Visual aids (Doc 8733, Vol. II, FASID)	Suriname/PARAMARIB O/Zorg en Hoop Aerodrome	No PAPIs in both RWYs, as they were recommended by the Regional ANP	NOV/ 2002	Detected during mission conducted by ICAO Secretariat	B	Install PAPIs in both RWYs and/or inform the ICAO SAM Office when it will be done "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 430 SAM	Annex 14, Vol. I, Ch. 1 & Doc 9774	SURINAME/CAA	No basic documentation published for aerodrome certification	JUN/ 2005	ICAO regular mission (30/31/MAY-01 JUN/2005, Recommended Action AGA/02 of its respective Report)	B	Prepare and publish basic documentation for aerodrome certification	CAA		
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 434 SAM	Doc 8733, FASID CAR/SAM – AOP	SURINAME/SMZO – PARAMARIBO/Zorg en Hoop	RWY Reference Code 1A in the ANP, instead of 1B	JUN/ 2005	ICAO regular mission (30/31/MAY-01 JUN/2005, Recommended Action AGA/06 of its respective Report)	B	Request Amendment to correct ANP	CAA		

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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 ANP	CAA		
AGA 436 SAM	Doc 8733, FASID CAR/SAM – AOP	SURINAME/SMUP – ZANDERLY/Johan Adolf Pengel Int'l	No precision approach lighting system for RWY 11 (ANP requirement)	JUN/ 2005	ICAO regular mission (30/31/MAY-01 JUN/2005, Recommended Action AGA/08 of its respective Report)	B	Install precision approach lighting system for RWY 11, according to ANP	CAA/Airport Operator		
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		
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		

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SUR Suriname										
AIS	13 SAM	ICAO Annex 15, Para. 3.4.4.1 WGS-84.Geodetic System	Suriname	Need to comply with effective and total implementation of the WGS-84.	SAM RO Records.. 0	U	Action plan 2005. Ongoing	Indicated State		
AIS	57 SAM	Annex 4, 17; Cap. 17.1. VFR aeronautical chart (Scale, 1:500,000)	Suriname	Need for production of this serie of ICAO chart under the WGS-84 system to satisfy the lack of production of the WAC aeronautical chart.	SAM Office records.	B	Action plan 2005	Indicated State.		
AIS	136 SAM	ICAO Annex 4, Chapter 11; 11.7.2 and 11.10.6.5. Instrument Approach Charts - OACI.	Suriname	Need to include the topographic (11.7.2), and the ground profile informations (11.10.6.5) in the production of instrument approach charts - OACI.	Records SAM Office.	A	Action plan 2005 70% implemented	Indicated State		
AIS	173 SAM	Annex 15, Para. 3.2 Implementation of Quality system (QS) at the AIS	Suriname	It is required the implementation of a quality system (QS); as well as, of the quality assurance and quality control procedures at the AIS/MAP services.	Relevant technical documentation and rules are being prepared by the GREPECAS AIS/MAP Subgroup, in order to assist the CAR/SAM States to achieve this objective	A	Action plan 2005 Ongoing	Indicated State		
AIS	189 SAM	ANNEX 15; Chap 3, 3.2.8, and 3.2.10 Integrity of aeronautical information/data.	Suriname	Need that quality control (QC) system be implemented by the States, to ensure the required level of integrity of the aeronautical information/data issued and/or available. Application of cyclic redundancy check (CRC).	Registro Oficina SAM	A	Action plan 2005 Ongoing	Indicated States		
AIS	203 SAM	Annex 4, Chap 13, Para 13.6.1 C). Aerodrome/Heliport Chart - ICAO.	Suriname	Need for the inclusion of geoid undulation in the Aerodrome/Heliport Chart - ICAO.	Records SAM Office.	A	Action plan 2006 70% implemented	Indicated State		
AIS	229 SAM	CAR-SAM ANP Part VIII (AIS); Para. 65, 66, 67, 68 AND 69. Regional AIS automated system	Suriname	Requirement for implementation of automated system at the AIS services, in agreement with the indicated in the CAR/SAM Air Navigation Plan..	Records SAM Office.	A	Action Plan (2005) Ongoing.	Indicated State		

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SUR Suriname										
MET 47 SAM	Report the RVR for CAT 1 operations (Annex 3, Part I, Chapter 4, Recommendation 6.3.2)	Suriname / Aeronautical meteorological stations	SMJP RVR of Zandery has not been implemented.	JUN/ 1996	Plan the acquisition of RVR.	A		NCAA in coordinatin with MET Service	OCT/ 2010	
MET 59 SAM	Surface wind (Annex 3, Standard 4.1.2.1)	Suriname COM Dependency	Displays of surface wind in ATS units correspond to wind sensor installed at the top of the TWR	OCT/ 2004	Surface wind display in the surface of ATS dependencies must corresponds to the sensors of the MET station	U		NCAA in coordination with Meteorological Service	OCT/ 2010	
MET 98 SAM	Aeronautical Climatological information (Annex 3, chap. 8, Standard 8.1.1)	Suriname/SMNI, SMZO, SMJP Aerodromes.	Aerodrome climatological tables are not prepared.	DEC/ 2008	Implement the standard.	B	In progress	Meteorological Service	OCT/ 2010	

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URY Uruguay										
AGA 259 SAM	Visual Aids (Doc 8733, FASID CAR/SAM - AOP)	Uruguay/SUCA-COLONIA/Colonia Int'l	There is no PAPI installed for RWY 12	MAR/ 2004	ICAO Regular Mission (05/06 AUG 2003 - Recommended Action AGA/04 of its respective Report)	A	Install PAPI for RWY 12 "PENDING ACTION PLAN" ACTION PLAN: There are obstacles at the approach to RWY 12. A GPS-NPA approach procedure to be synchronized with the PAPIs is being designed (Fax 075/04, 21 SEP 2004, from DINACIA)	Uruguay/DIN ACIA		
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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URY Uruguay										
AIS	25 SAM	ICAO Annex 4; Annex 15, Para. 3.6.4.1 and 3.6.4.2. WGS-84.Geodetic System	Uruguay	Lack of total implementation of the WGS-84 system, mainly concerning requirements as the survey of all required obstacles data, the publication of the geoid undulation as it is required. Need to produce the aeronautical charts under the WGS-84 (VFR 1:500.000 and 1:1.000.00 charts); mainly such charts where figures of geoid undulation should be indicated.		SAM RO records. WGS 84 System Completed	A	Action Plan (2005) 80% implemented	Indicated State	
AIS	58 SAM	Annex 4, 17; Cap. 17.1. VFR aeronautical chart (Scale, 1:500,000)	Uruguay	Need for production of this series of ICAO chart under the WGS-84 system to satisfy the lack of production of the WAC aeronautical chart.		SAM Office records.	B	Action plan (2005). Ongoing	Indicated State.	
AIS	79 SAM	ICAO Annex 4, Chapter 3. Aerodrome Obstacle Chart - ICAO, Type A.	Uruguay	Need for effective production of Aerodrome Obstacle Chart - ICAO, Type A., concerning the following airport: Artigas, Carmelo, Colonia, Durazno, Maldonado, Melo, Montevideo/Angel Adamii y Montevideo Intl/Carrasco, Paysandu, Punta del Este, y Rivera.		SAM Office records.	A	# Implementation Plan (2004) indicated that relevant action is being taken on the matter.	Indicated State	
AIS	174 SAM	Annex 15, Para. 3.2 Implementation of Quality system (QS) at the AIS	Uruguay	It is required the implementation of a quality system (QS); as well as, of the quality assurance and quality control procedures at the AIS/MAP services.		Relevant technical documentation and rules are being prepared by the GREPECAS AIS/MAP Subgroup, in order to assist the CAR/SAM States to achieve this objective	A	Action plan 2005 Ongoing	Indicated State	MAR/ 2015

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AIS 190 SAM	ANNEX 15; Chap 3, 3.2.8, and 3.2.10 Integrity of aeronautical information/data.	Uruguay	Need that quality control (QC) system be implemented by the States, to ensure the required level of integrity of the aeronautical information/data issued and/or available. Application of cyclic redundancy check (CRC).		Registro Oficina SAM	A	Action plan 2005 Ongoing	Indicated States		
AIS 204 SAM	Annex 4, Chap 13, Para 13.6.1 C). Aerodrome/Heliport Chart - ICAO.	Uruguay	Need for the inclusion of geoid undulation in the Aerodrome/Heliport Chart - ICAO.		Records SAM Office.	A	Action plan 2005 80% implemented	Indicated State		

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URY Uruguay										
MET 39 SAM	Compliance with the requirements of the World Meteorological Organization (WMO) with regard to qualifications and training of aeronautical meteorology (MET) personnel (Annex 3, Chapter 2, Standard 2.1.5)	Uruguay / Meteorological Watch Offices (MWO) and aerodrome meteorological offices.	Not all MET personnel complies with the requirements related to qualifications and training of WMO Publication No. 49.	JUN/ 1996	a) Review the functions and training of the aeronautical meteorologists; and b) Plan and carry out training and/or refreshment courses for aeronautical meteorological personnel requiring them.	U		DNM		
MET 80 SAM	Aerodrome meteorological stations and observations. (Annex 3, Chap 4, Standard 4.1)	Uruguay, SURV.	There is no aerodrome meteorological station.	OCT/ 2006	In process.	A		DNM		
MET 102 SAM	Information for in flight aircraft- ATIS/VOLMET	Uruguay		AUG/ 2011	CNS unit should take actions	A		DINACIA		
MET 106 SAM	Inspection of aerodrome meteorological stations - AMS (Annex 3, Chap. 4, Standard 4.1) .	Uruguay	No inspections are made to AMS due to the lack of personnel.	AUG/ 2011	Make efforts to count with the necessary personnel.	A		DNM		
MET 107 SAM	Windshear warnings.	Uruguay	They have not equipment.	AUG/ 2011	Acquire the systems where required.	U		DNM		
MET 108 SAM	Aeronautical climatological information (Annex 3, Chap. 8, Standard 8.1.1)	Uruguay	Climatological tables and summaries are not prepared due to the lack of personnel.	AUG/ 2011	Make efforts to count with the necessary personnel.	B		DNM		
MET 109 SAM	Special observations and reports (Annex 3, Chap. 4, Standard 4.4.2 a).	Uruguay	SPECIAL is not prepared.	AUG/ 2011	CNS unit should take actions.	A		DNM		
MET 110 SAM	Routine observations and reports (Annex 3, Chap. 8, Standard 4.3.2 a.)	Uruguay	Do not prepare MET REPORT.	AUG/ 2011	CNS unit should take actions.	A		DNM		

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VEN Venezuela										
AGA 28 SAM	Visual Aids (Annex 14, Vol. I, Ch. 5)	Venezuela, MARACAIBO/La Chinita Aerodrome	No PAPI at RWY 20		IFALPA CAR/SAM Meeting, 98REG049, Buenos Aires, 9/10 Dec. 1997	U	Implement the facility "PENDING ACTION PLAN"	Venezuela		PAPI installation for second semester of 2010 is under study
AGA 75 SAM	TWY surface conditions (Annex 14, Vol. I, Chap. 3)	Venezuela, CARACAS/Maiquetia Aerodrome	Cracks and vegetation growth on the taxiways, no pavement maintenance. Presence of FOD (loose aggregates)		IATA Report of the Venezuela Airport Operational Assessment, March 05-08, 2001	U	Reconstruct the taxiways "PENDING ACTION PLAN"	Venezuela	SEP/ 2010	A taxiway repavement plan is currently underway, estimating to be finished during the first semester of 2009. As of April 5, 2010 cracks recovery work began in taxiways and aprons, completion is estimated for the third quarter 2010.
AGA 76 SAM	RWY surface conditions (Annex 14, Vol. I, Chap. 3)	Venezuela, CARACAS/Maiquetia Aerodrome	Apron with cracks, potholes, rutting, vegetation growth and raveling		IATA Report of the Venezuela Airport Operational Assessment, March 05-08, 2001*	B	Begin immediate planning for apron rehabilitation "PENDING ACTION PLAN" ACTION PLAN: Repairs are underway (IP/31-GREPECAS-14/16-20 APR07)	Venezuela	AUG/ 2007	Apron is currently 30% repaved and is included within the taxiway repavement plan, estimating to be finished during the first semester of 2009
AGA 77 SAM	Apron surface conditions (Annex 14, Vol. I, Chap. 3)	Venezuela, BARCELONA, Barcelona Intl. Airport	Slabs with spalling, corner cracks and most of the joints with deficient sealing in runway 33		IATA Report of the Venezuela Airport Operational Assessment, March 05-08, 2001*	B	Repair the slabs at the beginning "PENDING ACTION PLAN" ACTION PLAN: There is a plan to rehabilitate this area on NOV07 (IP/31-GREPECAS-14/16-20 APR07)	Venezuela	2008	Total RWY 15/33 repavement is scheduled to start in the first quarter of 2009
AGA 97 SAM	Bird Strike Hazard (Annex 14, Vol. I, Chap.9.5)	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/ 2007	

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AGA 129 SAM	Apron Physical and Surface Characteristics (Annex 14, Vol. I, Chap. 3, 9, Doc 9476, Doc 9157 - Part 2)	Venezuela, MAIQUETIA/Simon Bolivar	Apron surface very uneven	MAY/ 2002	IFALPA Annex 19 Part 3 19-3-SAM-1	B	Evaluate the causes of unevenness and fix it "PENDING ACTION PLAN"	Venezuela		Apron is currently 30% repaved and is included within the taxiway repavement plan, estimating to be finished during the first semester of 2009
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		Action plan for PAPI installation scheduled for the first semester of 2009
AGA 391 SAM	Annex 14, Vol. I, Attach. A	VENEZUELA/INAC	No adequate equipment for friction coefficient measurements	DEC/ 2004	ICAO regular mission (06-09 DEC 2004, Recommended Action AGA/03 of its respective Report)	A	Acquire a continuous friction measuring device "PENDING ACTION PLAN" ACTION PLAN: Scheduled to be acquired between 07 JAN 05 and 30 JUN 06 (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	JUN/ 2006	
AGA 396 SAM	Doc 8733, FASID CAR/SAM – AOP	VENEZUELA/INAC/Ba rcelona	No PAPI for RWY 33	DEC/ 2004	ICAO regular mission (06-09 DEC 2004, Recommended Action AGA/08 of its respective Report)	B	Install PAPI for RWY 33 "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/ 2006	The installation of a PAPI for the second semester of 2010 is under study
AGA 398 SAM	Doc 8733, FASID CAR/SAM – AOP	VENEZUELA/INAC/Ca racas	No PAPI for RWY 28	DEC/ 2004	ICAO regular mission (06-09 DEC 2004, Recommended Action AGA/10 of its respective Report)	B	Install PAPI for RWY 28 "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/ 2006	Action plan for PAPI installation scheduled for the first semester of 2009

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AGA 399 SAM	Doc 8733, FASID CAR/SAM – AOP	VENEZUELA/INAC/Ma racaibo	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/ 2006	Installation of a PAPI for the second semester of 2010 is under study
AGA 401 SAM	Doc 8733, FASID CAR/SAM – AOP	VENEZUELA/INAC/Ma rgarita	No TWY edge lighting	DEC/ 2004	ICAO regular mission (06-09 DEC 2004, Recommended Action AGA/13 of its respective Report)	B	Install TWY edge lighting "PENDING ACTION PLAN" ACTION PLAN: Reparations and installation planned (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	DEC/ 2006	Action plan scheduled for the first semester of 2010
AGA 402 SAM	Doc 8733, FASID CAR/SAM – AOP	VENEZUELA/INAC/Ma rgarita	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	JUN/ 2006	Action plan for PAPI installation scheduled for the first semester of 2010
AGA 404 SAM	Doc 8733, FASID CAR/SAM – AOP	VENEZUELA/INAC/Par aguana	RFF CAT 5	DEC/ 2004	ICAO regular mission (06-09 DEC 2004, Recommended Action AGA/16 of its respective Report)	A	Update RFF to CAT 6 "PENDING ACTION PLAN" ACTION PLAN: CAT 6 planned (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	DEC/ 2006	Action plan scheduled for the second semester of 2009

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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 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
AGA 409 SAM	Doc 8733, FASID CAR/SAM – AOP	VENEZUELA/INAC/Va lencia	No PAPI for RWY 28	DEC/ 2004	ICAO regular mission (06-09 DEC 2004, Recommended Action AGA/21 of its respective Report)	B	Install PAPI for RWY 28 "PENDING ACTION PLAN" ACTION PLAN: SAM Office will be officially notified (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/ 2006	Action plan for PAPI installation scheduled for the first semester of 2009
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/ 2006	Maiquetia and Ciudad Guayana disabled aircraft removal plans were delivered. Action plan for the remaining international airports scheduled for the first semester of 2009
AGA 411 SAM	Doc 9184-AN/902, Parts 1 & 2	VENEZUELA/INAC/IA AIM	No Airport Engineering Department	DEC/ 2004	ICAO regular mission (06-09 DEC 2004, Recommended Action AGA/23 of its respective Report)	B	Structure an Airport Engineering Department "PENDING ACTION PLAN" ACTION PLAN: Planned the creation of the Airport Engineering Department (DOC PRE 704.05 - 06 APR 05) - (DOC PRE 4593.05 de 20 DEC 05) (DOC PRE-ORAC-4143-06, 26 SEP 06)	INAC/IAAIM	NOV/ 2006	Action plan secheduled for the first semester of 2009

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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	MAR/ 2007	
AGA 421 SAM	Annex 14, Vol. I, Ch. 10	VENEZUELA/INAC/IA AIM	No joint seal between apron slabs	DEC/ 2004	ICAO regular mission (06-09 DEC 2004, Recommended Action AGA/33 of its respective Report)	B	Provide sealing of apron slabs joints "PENDING ACTION PLAN" ACTION PLAN: A survey will be carried out for planning the joint sealing (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/IAAIM	NOV/ 2006	Action plan scheduled for the second semester of 2009 -- reconstruccion and joining of sealings
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
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	

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AGA 427 SAM Annex 14, Vol. I, Ch. 4		VENEZUELA/INAC/IA AIM	Presence of concrete boxes > 20 cm of the terrain surface, open box (4m x 4m x ≈ 5 m deep, room for equipments, rigid base for antennas, etc on the RWY strip	DEC/ 2004	ICAO regular mission (06-09 DEC 2004, Recommended Action AGA/39 of its respective Report)	U	Eliminate all the obstacles from the RWY strip and provide frangible base for antennas. "PENDING ACTION PLAN" ACTION PLAN: The obstacles will be eliminated and frangible bases will be provided for the antennas (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/IAAIM	OCT/ 2010	Same has been 70% improved. Work is expected to be ended by the first semester of 2009. CORRECTIVE ACTION: The antennas rigid bases have been completely removed from the RWY strip, the filling around the concrete boxes continue until reaching the terrain surface level (DOC PRE-ORIGRO/2010-2028, 20 MAY 10)
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	JUL/ 2006	

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ID	Requirements	States/facilities	Description	Date first reported	Remarks	Priority	Description	Executing body	Date of completion	Remarks
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VEN Venezuela										
AIS	59 SAM Annex 4, 17; Cap. 17.1. VFR aeronautical chart (Scale, 1:500,000)	Venezuela	Need for production of this series of ICAO chart under the WGS-84 system to satisfy the lack of production of the WAC aeronautical chart.		SAM Office records 01 July 2010: Venezuela reports that has not seen the production of 1:500,000 VFR charts. Is running the project INAC-DIGECAFA to produce the WAC 1:1,000,000 to date have been certified three of the ten sheets Corresponding to Venezuela. Compliance date: Second semester 2011	U	Action plan (2006) Ongoing	Indicated State.		
AIS	75 SAM ICAO Annex 4, Chapter 11; 11.7.2 and 11.10.6.5. Instrumens approach charts.	Venezuela	Need to complete the inclusion of the topographic (11.7.2), and the ground profile informations (11.10.6.5) in the production of all instrument approach charts - OACI.		SAM Office records.	A	Action Plan (2006) Ongoing.	Indicated State		
AIS	80 SAM ICAO Annex 4, Chapter 3. Aerodrome Obstacle Chart - ICAO, Type A.	Venezuela	Need for effective production of Aerodrome Obstacle Chart - ICAO, Type A., concerning the following airport: Barcelona, Barquisimeto, Caracas, Charallave, Guayana, Maiquetia, Maracaibo Margarita, Maturin, Puerto Cabello, San Antonio del Táchira y Valencia.		SAM Office records.	A	Action Plan (2006) 50% implemented	Indicated State		
AIS	177 SAM ICAO Annex 4, Chapter 2.8; Chapter 16, Appendix 5. World Aeronautical Chart	Venezuela	Lack of compliance with the requirement for production of the world aeronautical chart (WAC, Scale: 1:1,000,000) , according with the sheets distribution as it is established by ICAO to this serie of chart. Not production of this serie of chart with ICAO specification and under the WGS-84 system.		SAM Office records.	B	Action plan 2006 Ongoing	Indicated State		

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AIS 231 SAM	CAR-SAM ANP Part VIII (AIS); Para. 65, 66, 67, 68 AND 69. Regional AIS automated system	Venezuela	Requirement for implementation of automated system at the AIS services, in agreement with the indicated in the CAR/SAM Air Navigation Plan..		Records SAM Office. 01 July 2010: Venezuela reports that the NOTAM service and PIB are fully automated. Carried out the steps of acquiring an integrated database to achieve automated integration of various products AIS (DOC PRE-ORI-GRO/2010-2028 20MAY2010). Compliance Date: Fourth quarter 2010	U	Action Plan (2006) Ongoing. A new automated system is in acquisition process. The data base aeronautical integrated system shall enable the generation and updating of the AIP, design and produce instrumental and visual flight procedures, radio navigatin aids performance simulation, airspace structuring, flight check simulation, production and updating of charts, among other features.	Indicated State		01 July 2010: Venezuela reports that the NOTAM service and PIB are fully automated. Carried out the steps of acquiring an integrated database to achieve automated integration of various products AIS (DOC PRE-ORI-GRO/2010-2028 20MAY2010). Compliance Date: Fourth quarter 2010
AIS 233 SAM	Annex 4, Chap 13, Para. 13.6.1 c). Aerodrome Heliport/Chart - ICAO	Venezuela	Need for the inclusion of geoid undulation in the Aerodrome/Heliport Chart - ICAO		Records SAM Office	A	Action plan (2006) 50% implemented	Estado Indicado		

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VEN Venezuela

ATM	25 SAM	Use of the aeronautical phraseology	Venezuela	In general, the use of aeronautical phraseology does not meet the required levels and is a relevant factor with regard to ATS incidents.	SEP/ 2000	ATM/SAR 02/00-SAM Meeting.	U	1. Implement a continuous training and updating plan. 2) Continuously monitor its correct use in ATS units. (E-CAR/SAM-NE ICG/2 Dic 2003). Realization of refreshment courses for ATCOs during 2004.	INAC Venezuela	JUL/ 2010	2008: A recurring training is kept in aerodrome, approach and control centre phraseology, according to the CATC capacities. 2007: Venezuela informed that a continuing process for training in the use of aeronautical phraseology for air traffic controllers has been implemented, foreseeing its solution by 2007.
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VEN Venezuela										
MET 67 SAM	FASID Table AOP 1 (CAR/SAM III-AOP 1-39)	Caracas and Margarita	RVR assessments have not been implemented.	JUN/ 1996		A	Acquisition programmed.	INAC in coordination with the SMN	DEC/ 2009	The RVR from Caracas and Margarita are in the installation phase.
MET 68 SAM	Exchange of OPMET information (CAR/SAM ANP Basic, paras. 35 to 39)	Caracas MWO and MET offices	MET offices do not have direct access to AFTN, except Maiquetia.	DEC/ 2004	Implement COM Recommendations of SIP COM/MET for CAR/SAM Regions	A	Project for the modernization of the communications	INAC in coordination with the SMN	DEC/ 2010	The meteorological watch office has direct accesses to the AFTN network. Regarding the other airports it is foreseen that direct access will be available in 2010.
MET 99 SAM	FASID AOP 1 Table (CAR/SAM III-AOP 1-39)	Barcelona and Maracaibo	RVR assessments have not been implemented.	JUN/ 1996		A	Acquisition programmed.	INAC in coordination with SMN	DEC/ 2010	
MET 100 SAM	Aeronautical Climatological information (Annex 3, Chap. 8, Standard 8.1.1)	Aeronautical meteorological offices.	Aerodrome climatological tables are not prepared.	AUG/ 2009	Implement the standard.	B		SERMETAVI A		

APPENDIX / APÉNDICE B
GANDD NATIONAL COORDINATORS / COORDINADORES NACIONALES GANDD

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