

REPORTING FORM ON AIR NAVIGATION DEFICIENCIES IN THE REGION SAM - Paraguay

Identification		Deficiencies			Corrective Action			
Requirements	States/facilities	Description	Date first reported	Remarks	Description	Executing body	Date of completion	Priority for action
AGA 66C	Control tower (Doc 9184, Part 1) Paraguay, Aerodrome of Asuncion/Silvio Pettirossi	There are four concrete columns inside the control tower interfering in the visibility of the controllers	Sep-2001	Detected during mission conducted by ICAO Secretariat Planned for 2003, fax letter 22 NOV 2002 from Paraguay	Construct one control room one floor up if the construction has the required strength to do so. ACTION TAKEN: Studies are being conducted in order to analyze the options to construct one floor up for the control room	Paraguay	2003	B
AGA 61C	Friction characteristics of runway surface (Annex 14, Vol. I, Chaps. 2, 3, 9) Paraguay, Aerodrome of Asuncion/Silvio Pettirossi	No friction characteristics measured and reported of pilots	Sep-2001	Detected during mission conducted by ICAO Secretariat Planned for 2003, fax letter 22 NOV 2002 from Paraguay	Periodically measure the coefficient of the friction of the runway and report the friction characteristics for the pilots. ACTION TAKEN: Program for training personnel, Contact with Brazil for technical cooperation and contacts with two universities in Asunción	Paraguay	2003	B
AGA 64C	Obstacles (Annex 14, Vol. I, Chap. 4) Paraguay, Aerodrome of Asuncion/Silvio Pettirossi	Open trench (0.60 m wide & 0.75 m deep) and cable boxes of concrete open near the 20 end	Sep-2001	Detected during mission conducted by ICAO Secretariat Planned for 2003, fax letter 22 NOV 2002 from Paraguay	Cover or eliminate objects from the RWY strip. ACTION TAKEN: To be done by the aerodrome administration, depending upon availability of resources	Paraguay	2003	U
AGA 65C	Rescue and Fire Fighting Service (Annex 14, Vol. I, Chap. 9) Paraguay, Aerodrome of Asuncion/Silvio Pettirossi	Access near the fire station to the runway is not straightforward	Sep-2001	Detected during mission conducted by ICAO Secretariat Planned for 2003, fax letter 22 NOV 2002 from Paraguay	Construct straightforward access near the fire station. ACTION TAKEN: There is a design in final phase for constructing a rapid exit to the runway and the reallocation of the RFF to the north sector of the apron in accordance with the Master Plan of the airport.	Paraguay	2003	B
AGA 62C	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	Enlarge the width of the runway shoulders to 7.5 m. ACTION TAKEN: Studies and project are under development	Paraguay	2003	B

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AGA 63 C	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	Level and enlarge the RWY strip to 150 m wide on each side of the runway centre line. ACTION TAKEN: Depend upon availability of resource	Paraguay	2003	B
AGA 24 C	RWY surface conditions (Annex 14, Vol. I, Chap. 3)	Paraguay, Aerodrome of Asuncion/Silvio Pettirossi	The main RWY pavement is in process of deterioration	1997	Detected during mission conducted by ICAO Secretariat Fax letter 22 NOV 2002, from Paraguay	ACTION TAKEN: The repair in both ends: 1000m RWY02 and 600m RWY 20 was finalized, and to this date the overlaying of the 100% of the runway is in process. 60 working days is estimated for the finalization of the second phase of 1.700m of runway.	Paraguay	2003	U
AGA 60 C	RWY surface conditions (Annex 14, Vol. I, Chap. 3)	Paraguay, Aerodrome of Asuncion/Silvio Pettirossi	Runway heavily distressed functionally and structurally	July 2001	Detected during mission conducted by ICAO Secretariat Planned for 2003, fax letter dated 22 NOV 2002 from Paraguay	Run functional and structural evaluation. Correct distress and rehabilitate pavement as indicated by the structural evaluation "PENDING ACTION PLAN"	Paraguay	2003	A

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AIS									
AIS 121 C	Annex 15, Chapter 4, Para 4.2.9; Doc 8733 ANP, Part VI, Para. 3.2.	Paraguay	Lack of regular and effective updating of the AIP Document.	25/04/96	GREPECAS. AIS/MAP Subgroup. GNA No 001/02 - 22/11/2002	Need of having updated the aeronautical information and data contained in the AIP Document. IT IS PLANNED THAT AT LEAST THREE AIP AMENDMENTS WOULD BE ISSUED PER CALENDAR YEAR.	State	2002	U
AIS 150 C	Annex 15, Para. 3.6.4.; Annex 4, Para. 2.18; Annex 11, Chapter 2; Annex 14, Chapter 2, Vol. I and II.	Paraguay	Lack of implementation of the WGS-84	01/01/98	GREPECAS AIS/MAP Subgroup. Survey to States. GNA No. 001/02 - 22/11/02	Need of implementing a WGS-84 Geodetic System. Lack of total compliance with the WGS-84 System requirements by the States is directly affecting the effective implementation of the GNSS Systems.	State	TBD	U
AIS 38 C	Doc 8733 ANP, Part VI, Chapter 10, Para. 10.4.	Paraguay	Lack of use of English for plain language texts.	18/09/96	Records and files in SAM Regional Office. GREPECAS reports. GNA No.001/02 - 22/11/2002	Need of use of English for plain language texts. NEW PERSONLE WOULD BE RECRUITED AND TRAINED TO BE IN CHARGE OF THIS ACTIVITY.	Indicated State.	2003/2004	A
AIS 90 C	Doc 8733 ANP, Part VI, Para. 11.1, 11.5.	Paraguay	Non production of Aerodrome Obstacle Chart - ICAO Type C.	06/01/94	Records and files in SAM Regional Office. GREPECAS and AIS/SG reports. GNA No 001/02 - 22/11/2002	Need for production of aeronautical charts of this series. IT IS PLANNED THAT GEODETIC WORKS WOULD BE CARRIED OUT AT THE INTERNATIONAL AIRPORTS TO DETERMINE THE FEASIBILITY FOR THE PRODUCTION OF THIS SERIE OF CHART.	Indicated State	2003	A

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AIS 55 C Doc 8733 ANP, Part VI, Paras. 11.1 through 11.3.	Paraguay	Lack of production of the world aeronautical charts - ICAO and/or VFR chart, scale 1:500,000 - ICAO.	06/01/94	Records and files in SAM Regional Office. GREPECAS and AIS/SG reports. GNA No.001/02 - 22/11/2002	Need for production of aeronautical charts of these series. CONTACT IS BEING MAINTAINED WITH THE GEOGRAPHIC INSTITUTE TO COORDINATE THE EXECUTION OF THIS ACTIVITY.	Indicated State.	2003	A
AIS 3 C ICAO Annex 15, Chapter 4. Doc 8733 ANP, Part VI, Chapter 5.	Paraguay	Lack of publication of the restructured AIF	24/4/96	AIS Subgroup, GREPECAS. Survey to States. GNA No. 001/02 - 22/11/2002	Need to produce and issue the new restructured AIP. WORK PROGRAMME IS UNDER PROGRESS TO EFFECTIVELY COMPLY WITH THIS REQUIREMENT	Indicated State	2003	A
AIS 113 C ICAO Annex 15, Chapter 8; Doc 8733 ANP, Part VI, Para. 9.4.	Paraguay	Pre-flight information (provision of pre-flight bulletins in all the designated aerodromes).	18/09/96	Records and files in SAM Regional Office. GNA No. 001/02 - 22/11/2002	Need for effective implementation in the provision of pre-flight bulletins in all the designate aerodromes. PROCEDURES ARE BEING PREPARED TO IMPLEMENT THIS FACILITY AT THE ASUNCION INTERNATIONAL AIRPORT	Indicated State	2003	A
AIS 11 C ICAO Annex 15, Para. 3.4.4; Annex 4, Para. 2.17; Annex 11, Chapter 2; Annex 14, Chapter 2, Vol. I and II.	Paraguay	Lack of implementation of the WGS-84 System.	01/01/98	AIS Subgroup, GREPECAS. Survey to States. GNA No. 001/02 - 22/11/2002	Need to implement the WGS-84 Geodetic System. WGS-84 COORDINATES WERE ISSUED (AIP/AMD/17/98) WITH RESPECT TO TMA, CTR AND IACs.	Indicated State	2002	A

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AIS 72 C ICAO Annex 4, Chapter 11.	Paraguay	Partial application of ICAO requirements for the production of instruments approaches charts.	06/01/94	Records and files in SAM Regional Office. GREPECAS and AIS/SG reports. GNA No.001/02 - 22/11/2002	Need for production of aeronautical charts of this series according to ICAO specifications. DIFFERENCE IS BEING MAINTAINED WITH RESPECT TO THE ICAO APPROACH SPECIMEN CHART.	Indicated State	2002	B
AIS 51 C ICAO Annex 4, Chapter 16, Appendix 5; Doc 8733 ANP, Part VI, Chapter 8.	Paraguay	Production of the world aeronautical chart according to ICAO sheet layout index established for this series of charts.	06/01/94	Records and files in SAM Regional Office. GREPECAS and AIS/SG reports. GNA No. 001/02 - 22 /11/2002	Need for production of aeronautical charts according to the established requirements. STUDIES WOULD BE CARRIED OUT TO DETERMINE THE OPERATIONAL IMPACT OF THIS REQUIREMENT	Indicated State.	2003	B
AIS 22 C ICAO Annex 4, Para. 2.17; Doc 8733 ANP, Part VI, Chapter 11.	Paraguay	Production of aeronautical charts according to requirements of the WGS-84 System.	01/01/98	Records and files in SAM Regional Office. Please note that Argentina, Chile and Uruguay have completed a partial application. 1:1,000,000 and 1:500,000 VFR charts are still missing. GNA No.001/02 - 22/11/2002	Need for production of aeronautical charts according to requirements. REQUIRED ACTIONS IS BEING TAKEN TO COMPLY WITH THIS REQUIREMENT	Indicated State	soonest	A

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ATM

ATM	10C	English proficiency in Air Traffic Services, CAR/SAM/3 Rec. 5/35	Paraguay	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.	Oct/1995	The Paraguayan Administration has initiated a programme for all ATC personnel through fellowships in private and governmental centres in the period 2000/2001, which was suspended due to lack of funds. These courses have been reinitiated in 2002, using INAC resources. The first level finished in November 2002.	Through Note GNA N° 001/02 dated 22 November 2002, the administration has initiated the training process for the English language proficiency since 2000 and is programmed to finalize in 2005. With this not only a high level use of phraseology is expected but also a wide practical knowledge of this language.	DINAC Paraguay	2005	U
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ATM	21C	Use of the aeronautical phraseology	Paraguay	In general, the use of aeronautical phraseology in Spanish and English does not meet the required levels and it is a relevant factor with regard to ATS incident	Sep/2000	The Paraguayan Administration has initiated a training programme for all the ATCOs.	The training process is expected to be finalized by 2005. The aim of this objective is not only to obtain a high command of the English Aeronautical phraseology, but also a practical wide knowledge of this language.	DINAC Paraguay	TBD	U
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CNS 1 C	AFTN Plan. Table CNS 1A. Asuncion AFTN COM Centre	Paraguay	The current automatic system is very old and has problems of provision of spare parts affecting the availability of the service	11/2000	COM/SG/9 Meeting. Information provided by Paraguay	Studies are being made for the implementation of AMHS with an AFTN/AMHS gateway WAITING FOR THE ACTION PLAN FOR THE INSTALLATION OF AFTN COM CENTER	Paraguay	2003	A
CNS 15 C	Radio Navigation Service Plan. Table CNS 3. DME	Paraguay ASUNCION/S. Pettirossi	This DME is not implemented	05/1989	This DME is associated with the ILS for approach and landing operations. NDBs are used as markers	Plans of Paraguay to implement this DME should be informed to GREPECAS meeting WAITING FOR THE ACTION PLAN TO IMPLEMENT THE NEW CIRCUIT	Paraguay	TBD	A
CNS 21 C	Radio Navigation Service Plan. Table CNS 3. VOR	Paraguay, Mariscal Estigarribi;	This VOR is not implemented	05/1989	This facility, recommended for en-route navigation, would support air routes UA320 and UA321	Plans of Paraguay would be presented to GREPECAS meeting WAITING FOR THE ACTION PLAN FOR THE INSTALLATION OF VOR/DME	Paraguay	TBD	A

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MET									
MET 36C	Adequate number of MET trained staff	Paraguay	There are requirements of specialized meteorology personnel in the aeronautical meteorology field and of an increase of the number of aeronautical meteorologists	22/06/96	To use CAR/SAM technical cooperation regional projects for the training in aeronautical meteorology	To make every effort to have the adequate number of aeronautical meteorologists. They are going to make greater use of the regional projects and other organizations of other States, depending on the budget to be approved by the Parliament.	Indicated State	TBD	A
MET 45C	CAR/SAM ANP MET Requirements, Table AOP 1	Paraguay	All RVR have not been implemented	22/06/96		To ensure the implementation of all required RVR. Reply from ICAO is pending on the homologation system to be used.	State	TBD	B
MET 6C	CAR/SAM ANP, Part VI, para. 3	Paraguay	Do not transmit regularly the special AIREPs in accordance with requirements	22/05/96	Keep a strict supervision and control of the operational ATS/MET staff to keep them informed on the importance of AIREPs and on the need to disseminate them when required	Disseminate the special AIREPs in accordance with Table FASID MET 2A requirements. They will review the ATS/MET coordination system (2002) (not Pilots).	Indicated State	TBD	A
MET 19C	CAR/SAM ANP, Part VI, para. 8	Paraguay	There are deficiencies in the OPMET exchange	20/06/96	That COM and MET personnel jointly review the procedures for OPMET exchange	Ensure that OPMET exchange is made in accordance with requirements of Tables FASID MET 2 and MET 2A. Follow-up is being made to SAM COM/MET SIP recommendations. The problem appears to be in the Buenos Aires Telecommunications Regional Center. They will solve the unique address with the acquisition of the new telecommunications system which is in process to be awarded (public bidding 01/2000).	Indicated State	TBD	A