

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

Identification		Deficiencies			Corrective Action			
Requirements	States/facilities	Description	Date first reported	Remarks	Description	Executing body	Date of completion	Priority for action

AGA

AGA 16C	RWY surface conditions (Annex 14, Vol. I, Chap. 3)	Panama, PANAMA/Tocumen Aerodrome	Poor braking action at RWY 03L/31L	1996	IFALPA CAR/SAM Meeting, 98REG049, Buenos Aires, 9/10 Dec. 1997 Fax letter DAC-1039-NA from Panama	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	TBD	A
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AIS									
AIS 149C	Annex 15, Para. 3.6.4.; Annex 4, Para. 2.18; Annex 11, Chapter 2; Annex 14, Chapter 2, Vol. I and II.	Panama	Lack of implementation of the WGS-84	01/01/98	GREPECAS AIS/MAP Subgroup. Survey to States. DAC-1039-NA - 24/12/2002	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. REQUIRED ACTIONS ARE BEING TAKEN. REQUIRED RELEVANT ACTIONS IS BEING TAKEN TO COMPLY WITH THIS TECHNICAL REQUIREMENT.	State	2003/2004	U
AIS 41C	Doc 8733 ANP, Part VI, Chapter 9, Paras. 9.2 and 9.3	Panama	Pre-flight information (implementation of required AIS aerodrome units).	18/09/96	Records and files in SAM Regional Office. DAC-1039-NA - 24/12/2002	Need for effective implementation of required AIS aerodrome units. IT IS FORESEE THE ESTABLISHMENT OF NEW TRAINING COURSE, TO IMPROVE THE CURRENT LACK OF QUALIFIED STAFF, TO BE DIRECTLY IN CHARGE OF PRE-FLIGHT INFORMATION SERVICES.	Indicated State.	2003/2004	A
AIS 89C	Doc 8733 ANP, Part VI, Para. 11.1, 11.5.	Panama	Non production of Aerodrome Obstacle Chart - ICAO Type C.	06/01/94	Records and files in SAM Regional Office. GREPECAS and AIS/SG DAC-1039-NA - 24/12/2002	Need for production of aeronautical charts of this series. LIST OF OBSTACLES ARE INCLUDED IN THE NATIONAL AIP. RELEVANT STUDIES WOULD BE CARRIED OUT TO DETERMINE THE NEED FOR PRODUCTION OF THIS SERIE OF CHART.	Indicated State	soonest	A

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AIS 112C ICAO Annex 15, Chapter 8; Doc 8733 ANP, Part VI, Para. 9.4.	Panama	Pre-flight information (provision of pre-flight bulletins in all the designated aerodromes).	18/09/96	Records and files in SAM Regional Office. DAC-1039-NA - 24/12/2002	Need for effective implementation in the provision of pre-flight bulletins in all the designate aerodromes. AREA, ROUTE AND AERODROME BULLETINS (PIBs) ARE AVAILABLE AT THE TOCUMEN INTERNATIONAL AIRPORT. WITH THE NEXT AUTOMATION OF THE AIS SERVICES, THIS TYPE OF AERONAUTICAL PRODUCT WOUL BE AVAILABLE AT THE REST OF THE INTERNATIONAL AIRPORTS.	Indicated State	2004	A
AIS 50C ICAO Annex 4, Chapter 16, Appendix 5; Doc 8733 ANP, Part VI, Chapter 8.	Panama	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. DAC-1039-NA 24/12/2002	Need for production of aeronautical charts according to the established requirements. THE VFR AERONAUTICAL CHART, SCALE 1:500,000; IS PRODUCED ONLY TO COVER THE NATIONAL LIMITS OF THE STATE.	Indicated State.	no specified	B
AIS 77C ICAO Annex 4, Chapter 3.	Panama	Partial application of ICAO requirements for the production of Aerodrome Obstacle Chart - ICAO Type A.	06/01/94	Records and files in SAM Regional Office. GREPECAS and AIS/SG reports. DAC-1039-NA - 24/12/2002	Need for effective production of aeronautical charts of this series according to the ICAO specifications. GEODETC WORKS SHOULD BE CARRIED OUT AT THE INTERNATIONAL AIRPORT. TO PRODUCE THIS SERIE OF CHART WITHIN A MEDIUM LAPSE OF TIME	Indicated State	sooner	A

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AIS 21 C ICAO Annex 4, Para. 2.17; Doc 8733 ANP, Part VI, Chapter 11.	Panama	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. DAC-1039-NA - 24/12/2002	Need for production of aeronautical charts according to requirements. REQUIRED RELEVANT ACTIONS ARE BEING TAKEN TO EFFECTIVELY COMPLY WITH THIS TECHNICAL REQUIREMENT	Indicated State	2003/2004	A

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ATM

ATM	6 C	English proficiency in Air Traffic Services, CAR/SAM/3 Rec. 5/35	Panama	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	a) After the effective date of Amendment to Annex 1, which establishes that the English level required for ATC personnel, the States/Territories/International Organizations, should evaluate the personnel of their ATC units and further provide information regarding the deviation level required in the box "Remarks". b) In order to reach and maintain the English language level required, the States/Territories/International Organizations shall establish a permanent and continuous training plan of ATC units, which contemplates the follow-up of the improvements of personnel of ATC units and shall implement in the same, the ATS quality assurance programme. c) The States/Territories/International Organizations shall demand the personnel who works in ATC units, the English language knowledge to be required by ICAO Annex 1.	Through Note DAC-1038-NA dated 24 December 2002, the Panamanian administration has established, through its Human Factors Office, the English language as second language, within the ATCOs profile.	CAD Panama	TBD	U
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ATM	20C	Use of the aeronautical phraseology	Panama	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	Continuous training and supervision in the use of aeronautical phraseology is required.	Through Note DAC-1038-NA dated 24 December 2002, the Panamanian administration informed that they will implement in 2003, the Quality Assurance Programme, in which, among other things, an intensive monitoring programme on the English language and aeronautical phraseology will be developed through a continuous review of the ATCOs voice recordings.	CAD Panama	TBD	U
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MET									
MET 35 C	Adequate number of MET trained staff	Panama	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. To make efforts in order to use resources of some projects to be implemented.	Indicated State	TBD	A
MET 5 C	CAR/SAM ANP, Part VI, para. 3	Panama	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 start a programme to regularize the transmission.	Indicated State	TBD	A