



INTERNATIONAL CIVIL AVIATION ORGANIZATION

**GREPECAS AIR NAVIGATION DEFICIENCIES
DATABASE**

GANDD

Version 2.0

USER'S GUIDE

December 2007

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INTERNATIONAL CIVIL AVIATION ORGANIZATION

GREPECAS AIR NAVIGATION DEFICIENCIES DATABASE

(GANDD)

Version 2

User's Guide

1. Background

This document has been prepared to assist “Focal Points” named by States, Territories and International Organizations with updating the GREPECAS Air Navigation Deficiencies Database (GANDD).

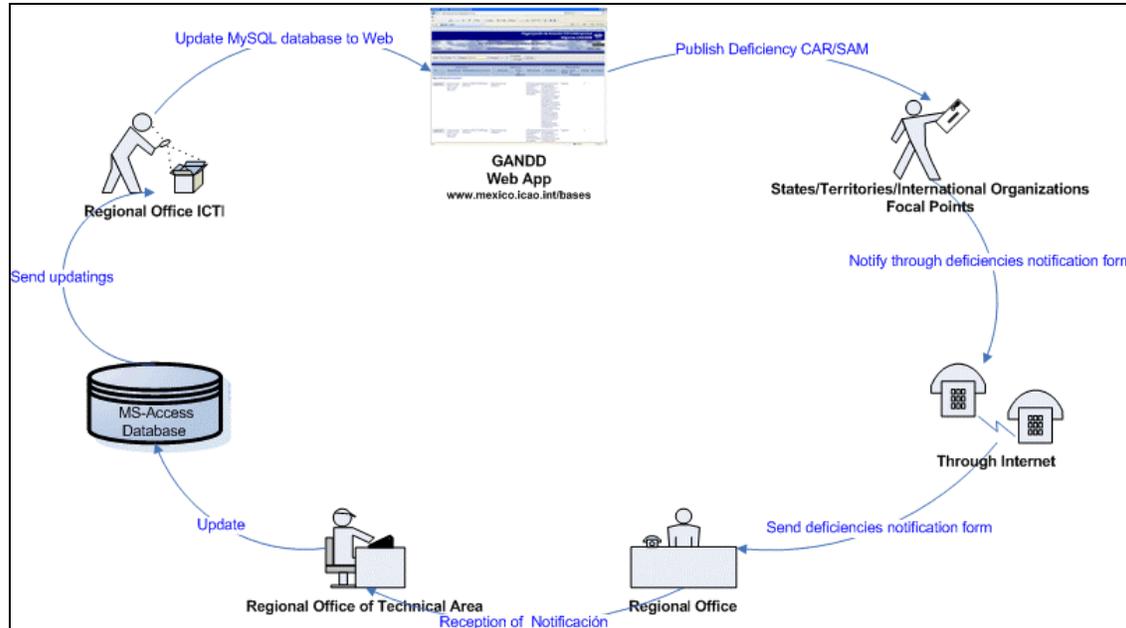
The second edition of the guidance material for using the database (<http://www.mexico.icao.int/bases>) in accordance with new “Procedures for the Treatment of the Solution of “U” Deficiencies in the Air Navigation Field,” has been developed by the SAM and NACC Regional Offices, in response to GREPECAS/14, Decision 14/60.

2. Technical Requirements

2.1 Basic technical requirements are: a personal computer connected to the Internet, Pentium 4, 1Ghz, 5Gb of available hard disk space, 512Mb of main memory, preferably XP “Professional,” Internet Explorer 6 or higher.

3. CAR/SAM Deficiencies Updating Diagram

3.1 The diagram below presents the flow of information, in order to serve as feedback to the GANDD. Actors involved are clearly identified in this process: GANDD Web App, States/Territories/International Organizations (Focal Points), Regional Offices, Regional Officers and ICT (Information and Communications Technology).



CHANGES TO THE DIAGRAM:

SHOULD IDENTIFY THE STARTING POINT

Add “Starting Point”

Published Deficiencies CAR/SAM (Publish Deficiency CAR/SAM)

Receipt of Notification (Reception of Notification)

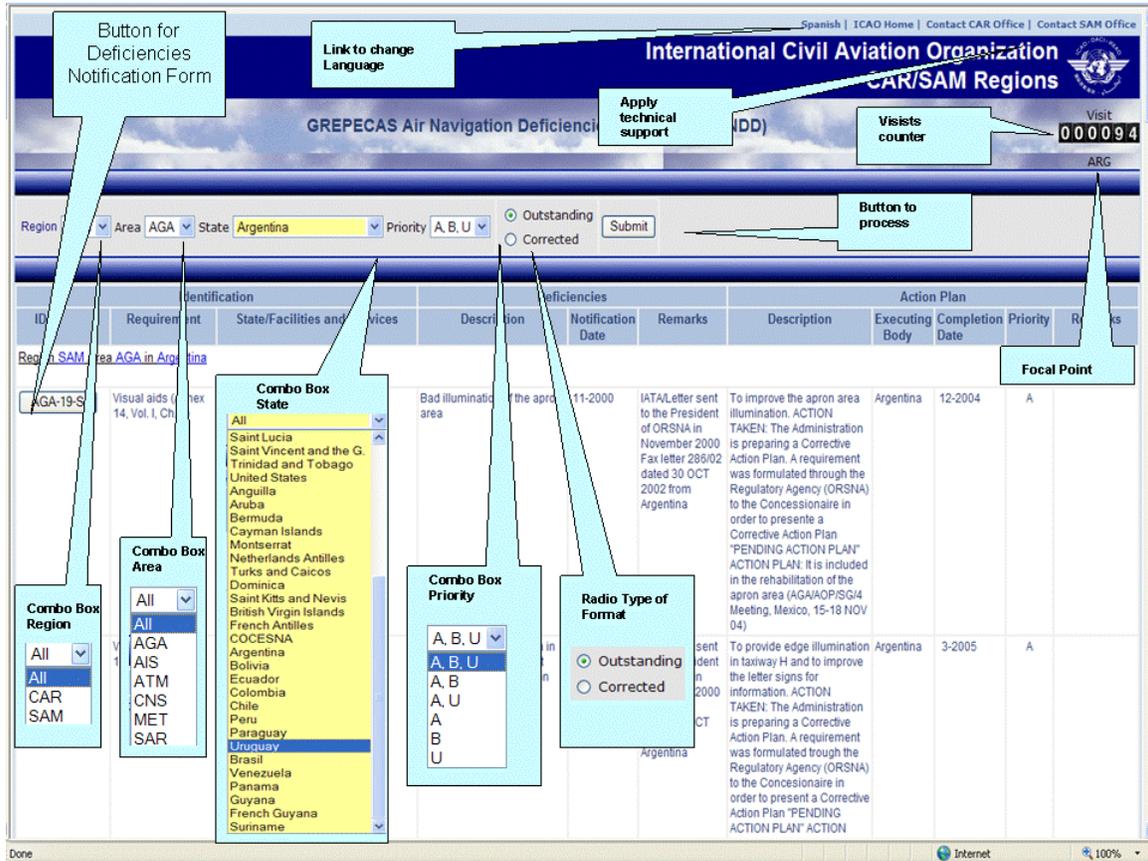
Regional Office Technical Area (Regional Office of Technical Area)

Send updated (Send updatings)

Update MySQL database in Web (Updated My SQL database to Web)

4. Description of the Main Web Form

4.1 The following figure shows the web form for queries to the GANDD. This form shall serve as main guidance for the Focal Point to view, select and report deficiencies.



4.2 In this same figure, the control types of the web form used in this interphase, are shown as follows:

Control type	Name	Graphical Representation	Purpose
Combo Box	Region	Region SAM	Select the Region
Combo Box	Area	Area AGA	Select the Area
Combo Box	State	State Argentina	Select the State
Combo Box	Priority	Priority A, B, U	Select the Priority

Control type	Name	Graphical Representation	Purpose
Radio	Type of query	<input checked="" type="radio"/> Outstanding <input type="radio"/> Corrected	Select the type of query for the deficiencies
Button	Present	<input type="button" value="Submit"/>	Execute the selection criteria
Button	ID Area	<input type="button" value="AGA-296-C"/>	Execute the deficiencies reporting form
Enlace	Language	<input type="button" value="English"/>	Change the language of the interphase and results
Label	Visits counter	<div style="border: 1px solid black; padding: 2px; text-align: center;"> Visit 000094 </div>	Shows number of visits to the GANDD Web App. (http://www.mexico.icao.int/bases)
Label	User	<input type="button" value="ARG"/>	Identifies the user of the website.
Link	Request technical contact	<input type="button" value="Contact CAR Office Contact SAM Office"/>	Request technical support in the handling of GANDD Web App.

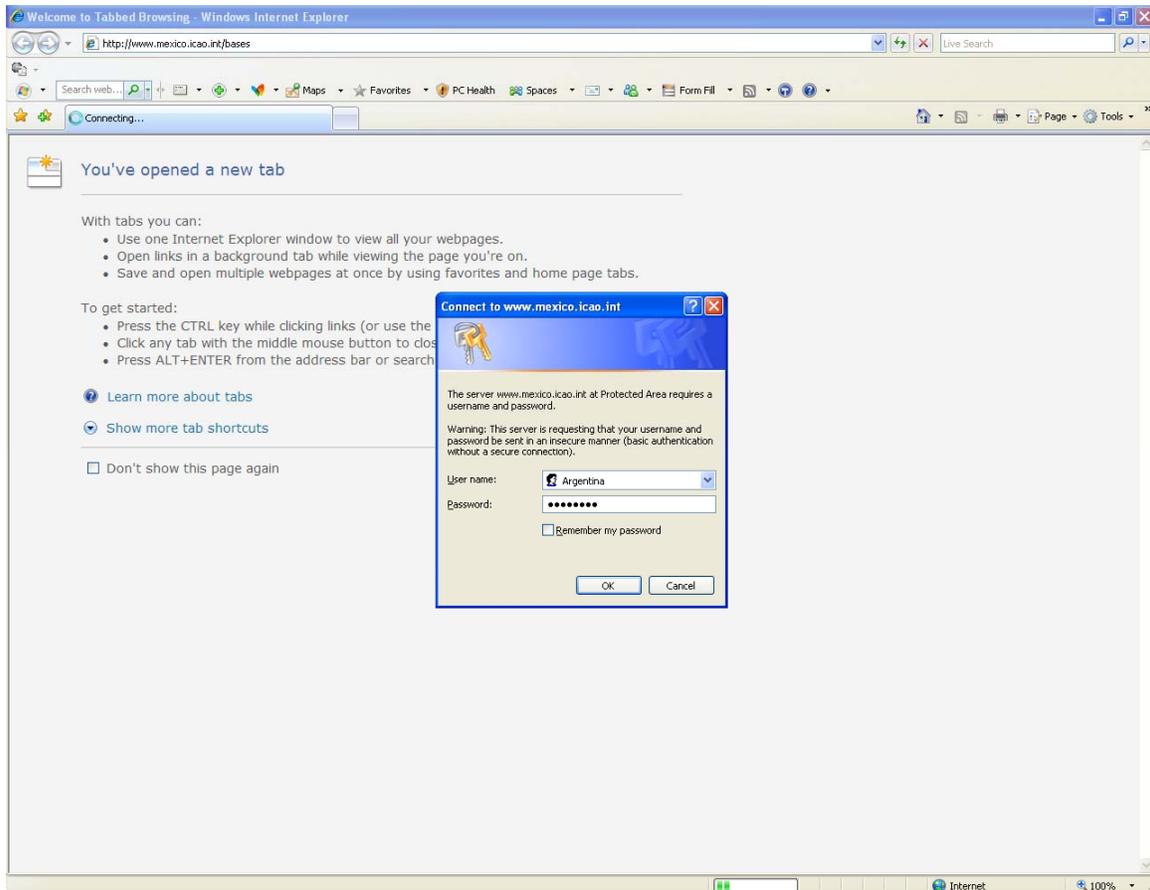
5. Procedure for Access to the GANDD Web Application

5.1 According to the Technical Requirements mentioned in item 2. for using the GANDD Web application, and in addition to State Letter LT 1/19-SA1185 dated 13 December 2004, where the name and password of the user are mentioned, (Username, Password), the Focal Point shall execute the following steps for initial access to the GANDD each time this tool is used.

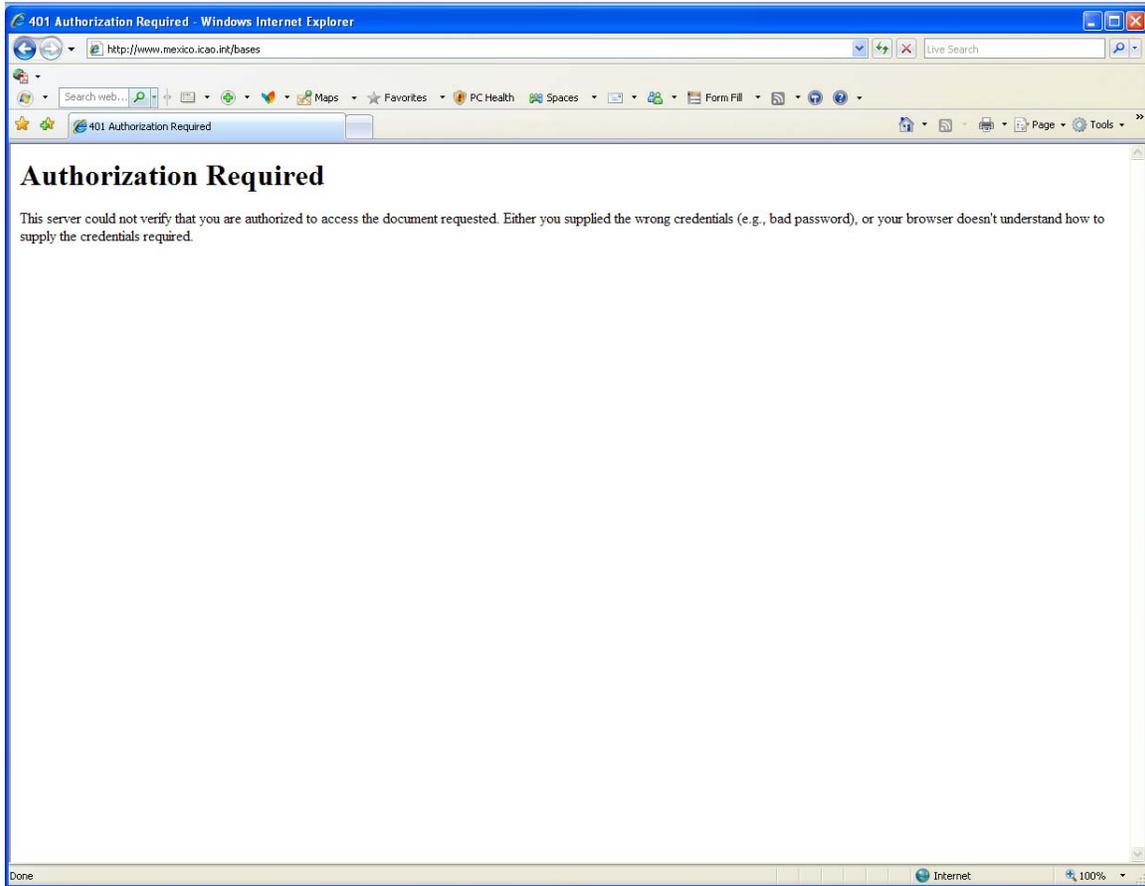
Note: the Username and Password are obtained by contacting the corresponding Regional Office.

5.2 Open a Microsoft Internet Explorer window (MS-IE) and enter the following URL address: <http://www.mexico.icao.int/bases> and press ENTER.

5.3 The MS-IE will request the “Username” and “Password” corresponding to the State, Territory or International Organization as indicated in the figure shown below with the example of the username: Argentina and corresponding Password:



5.3.1 This process is termed “Authentication.” Once the Focal Point enters the correct data, the application will show the first results as depicted below. If the Focal Point does not enter the correct data, the MS-IE will show an error message as indicated in the following figure:



6. Procedure for the Selection of Query Criteria

6.1 Once authenticated with the procedure in item 5., the Focal Point shall obtain the Web form (for explanation, please refer to 4.1 and 4.2) shown below. Through this form, Focal Points will be able to view all CAR/SAM deficiencies.

International Civil Aviation Organization
CAR/SAM Regions

GREPECAS Air Navigation Deficiencies Database (GANDD)

Visit: 000094
ARG

Region: SAM Area: AGA State: Argentina Priority: A, B, U Outstanding Corrected

Identification			Deficiencies			Action Plan				
ID	Requirement	State/Facilities and Services	Description	Notification Date	Remarks	Description	Executing Body	Completion Date	Priority	Remarks
Region: SAM Area: AGA in Argentina										
AGA-19-S	Visual aids (Annex 14, Vol. I, Ch. 5)	Argentina, BUENOS AIRES/Ezeiza Aerodrome	Bad illumination of the apron area	11-2000	IATA/Letter sent to the President of ORSNA in November 2000 Fax letter 286/02 dated 30 OCT 2002 from Argentina	To improve the apron area illumination. ACTION TAKEN: The Administration is preparing a Corrective Action Plan. A requirement was formulated through the Regulatory Agency (ORSNA) to the Concessionaire in order to present a Corrective Action Plan "PENDING ACTION PLAN" ACTION PLAN: It is included in the rehabilitation of the apron area (AGAAOP/SGI4 Meeting, Mexico, 15-18 NOV 04)	Argentina	12-2004	A	
AGA-20-S	Visual aids (Annex 14, Vol. I, Ch. 5)	Argentina, BUENOS AIRES/Ezeiza Aerodrome	Lack of edge illumination in taxiway H and insufficient letter signs for information	11-2000	IATA/Letter sent to the President of ORSNA in November 2000 Fax 285/02 dated 30 OCT 2002 from Argentina	To provide edge illumination in taxiway H and to improve the letter signs for information. ACTION TAKEN: The Administration is preparing a Corrective Action Plan. A requirement was formulated through the Regulatory Agency (ORSNA) to the Concessionaire in order to present a Corrective Action Plan "PENDING ACTION PLAN" ACTION PLAN: ACTION	Argentina	3-2005	A	

6.2 The Focal Point shall select with a “click” the corresponding information, making use of the Web controls listed in the table in 4.2. These controls are “combo box,” and “radio” to select and process.press the button “Submit.”

6.3 The combination of this selection criteria shall produce the visualization of the information requested. In item 9., some practical cases are shown.

6.4 International Organizations participating in the GREPECAS mechanism will also be able to view deficiencies.

7. Procedure for Reporting Changes to Deficiencies

7.1 In order to update deficiencies, the Focal Point shall use the deficiencies reporting form. Access by pressing the button which identifies (column ID) the deficiency with the nomenclature “Area-ID-Region” of the deficiency. In doing so, the following screen shall be displayed:

Spanish | ICAO Home | Contact CAR Office | Contact SAM Office

International Civil Aviation Organization
CAR/SAM Regions

GREPECAS Air Navigation Deficiencies Database (GANDD)
Visit
000094

ARG

Id	Area	Region	Subregion	Requirement	State	Corrected
142	AGA	SAM			Argentina/BUENOS AYRES/Aeródromo Ezeiza	2000

Requirements

Physical characteristics (Doc 8733, Vol. II, FASID)

States/Facilities
Argentina/BUENOS AYRES/Ezeiza Aerodrome

Description

RWY 11/29 length is 3300 m. The Regional ANP recommends 3700 m

Date First Reported

4-6 DEC 2002

Remarks

Detected during mission conducted by ICAO Secretariat

Description/Corrective Action

Inform the SAM Office when the remaining 400 m will be constructed
 "PENDING ACTION PLAN"
 COMMENTS: Information from Argentina indicates that the revised Master Plan considers rwy length of 3300 m, which is adequate for the operation of

Executing Body

Argentina

Completion_date

TBD

Priority

B

7.2 The Focal Point has access to the green fields depicted in the figure in 7.1, in order to report changes to deficiencies. These fields include “Corrected” to indicate the year in which the deficiency was corrected, “Remarks,” “Description,” “Executive Body” and “Completion Date” in the format month and year.

7.3 When changes in the fields are completed, the Focal Point shall submit the changes by clicking the “Submit” button. The Regional Office will receive the update as an e-mail, with a copy to the corresponding field (AGA, ATM, MET, CNS and SAR).

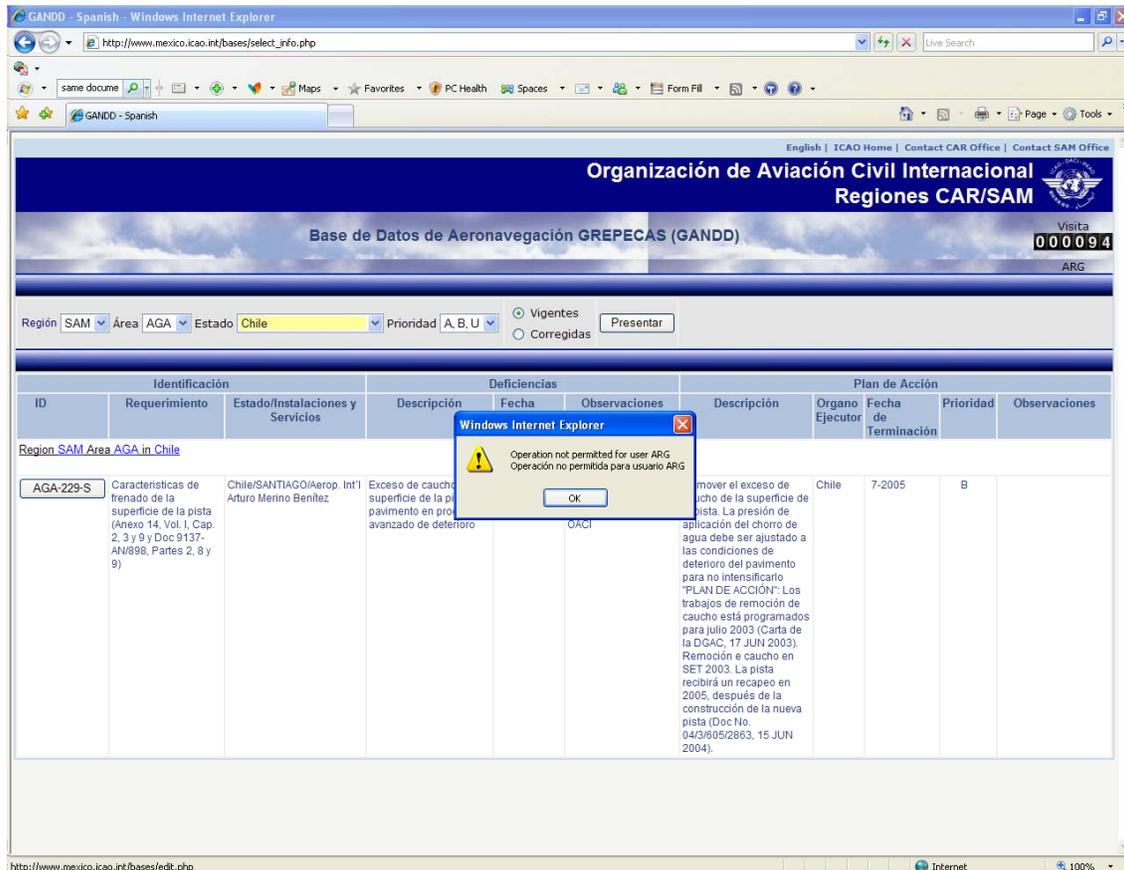
7.4 The Web form will finally show a message informing that the request is being processed as shown in the following figure below:

The screenshot shows the header of the ICAO website for the CAR/SAM region. Below the header, there is a section for the 'Base de Datos de Aeronavegación GREPECAS (GANDD)'. To the right, there is a 'Visita' counter showing '000090' and the country code 'PRY'. Below this is a table with the following data:

Id	Área	Región	Subregión	Requerimiento	Estado	Corregido
24	AGA	SAM		ANNEX	Paraguay, Aerodrome of Asuncion/Silvio Pettirossi	2000

Your request has been processed. Thank you.

7.5 The button to report deficiency updates only operates with the deficiencies corresponding to the State in which the Focal Point has access. For example the focal point for Argentina will be able to see all CAR/SAM deficiencies, but will only be able to report those of Argentina. Otherwise, an error message will be received indicating that “the operation is not available” as shown in the following figure:



7.6 Through these changes, the State is able to report the Regional Offices with changes for updating deficiencies registered in the GANDD and is able to see them reflected in the documentation for revision by the GREPECAS mechanism meetings or other air navigation meetings.

8. Requesting Technical Support

8.1 The Focal Point will be able to request technical support by using the link shown in the upper right part of the form, as shown in figure in 4.1.

8.2 E-mail will be addressed to the ICT area of the corresponding Regional Office, to Messrs:

- Gabriel Meneses gmeneses@mexico.icao.int for the CAR Region.
- Arturo Martínez amartinez@lima.icao.int for the SAM Region.

9. Case Studies

9.1 Please note 4.1 and 4.2 for case selection of data criteria and reference.

9.2 Form for Outstanding Deficiencies for a Specific State and Area is shown below.
State: Argentina, Area: AGA.

The screenshot shows the GANDD web application interface. At the top, there is a navigation bar with links for Spanish, ICAO Home, Contact CAR Office, and Contact SAM Office. The main header displays the International Civil Aviation Organization (ICAO) logo and the text 'International Civil Aviation Organization CAR/SAM Regions'. Below this, the title 'GREPECAS Air Navigation Deficiencies Database (GANDD)' is shown, along with a visit counter '000094' and the country code 'ARG'.

The search filters are set to: Region: SAM, Area: AGA, State: Argentina, Priority: A, B, U. There are radio buttons for 'Outstanding' (selected) and 'Corrected', and a 'Submit' button.

Identification			Deficiencies			Action Plan				
ID	Requirement	State/Facilities and Services	Description	Notification Date	Remarks	Description	Executing Body	Completion Date	Priority	Remarks
Region SAM Area AGA in Argentina										
AGA-19-S	Visual aids (Annex 14, Vol. I, Ch. 5)	Argentina, BUENOS AIRES/Ezeiza Aerodrome	Bad illumination of the apron area	11-2000	IATA Letter sent to the President of ORSNA in November 2000 Fax letter 286/02 dated 30 OCT 2002 from Argentina	To improve the apron area illumination. ACTION TAKEN: The Administration is preparing a Corrective Action Plan. A requirement was formulated through the Regulatory Agency (ORSNA) to the Concessionaire in order to present a Corrective Action Plan "PENDING ACTION PLAN". ACTION PLAN: It is included in the rehabilitation of the apron area (AGA/AOP/SG/4 Meeting, Mexico, 15-18 NOV 04)	Argentina	12-2004	A	
AGA-20-S	Visual aids (Annex 14, Vol. I, Ch. 5)	Argentina, BUENOS AIRES/Ezeiza Aerodrome	Lack of edge illumination in taxiway H and insufficient letter signs for information	11-2000	IATA Letter sent to the President of ORSNA in November 2000 Fax 286/02 dated 30 OCT 2002 from Argentina	To provide edge illumination in taxiway H and to improve the letter signs for information. ACTION TAKEN: The Administration is preparing a Corrective Action Plan. A requirement was formulated through the Regulatory Agency (ORSNA) to the Concessionaire in order to present a Corrective Action Plan "PENDING ACTION PLAN". ACTION PLAN: ACTION	Argentina	3-2005	A	

Form for Corrected Deficiencies for a Specific State and Area is shown below. State: Argentina, Area: AGA.

Spanish | ICAO Home | Contact CAR Office | Contact SAM Office

International Civil Aviation Organization CAR/SAM Regions

GREPECAS Air Navigation Deficiencies Database (GANDD)

Visit **000096**
ARG

Region: SAM Area: AGA State: Argentina Priority: A, B, U Outstanding Corrected

Identification	State/Facilities and Services	Notification Date	Priority	Completion Date	Executing Body	Remarks
Region SAM Area AGA in Argentina						
AGA-18-S	Visual aids (Annex 14, Vol. I, Ch. 5)	Argentina, BUENOS AIRES/Ezeiza Aerodrome	1996	U	2002	Argentina
AGA-141-S	Bird Hazard Committee (Annex 14, Vol. I Ch. 9.5 and its Amendment No. 5)	Argentina/All international airports	DEC-2002	B	2004	Argentina
AGA-143-S	Visual aids (Doc 8733, Vol. II, FASID and Annex 14, Vol. I, Ch. 5)	Argentina/BUENOS AYRES/San Fernando Aerodrome	DEC-2002	B	TBD	Argentina
AGA-147-S	RVR (Doc 8733, Vol. II, FASID)	Argentina/CATARATAS DEL IGUAZU/My. Carlos Eduardo Krause Aerodrome	DEC-2002	B	DEC-2005	Argentina
AGA-149-S	Visual aids (Doc 8733, Vol. II, FASID and Annex 14, Vol. I, Ch. 5)	Argentina/COMODORO RIVADAVIA/General Moscón Aerodrome	DEC-2002	B	TBD	Argentina
AGA-151-S	RVR (Doc 8733, Vol. II, FASID)	Argentina/COMODORO RIVADAVIA/General Moscón Aerodrome	DEC-2002	B	2006	Argentina
AGA-152-S	RFF (Doc 8733, Vol. II, FASID and Annex 14, Vol. I, Ch. 9.2)	Argentina/CORDOBA/Ing. Aer. Taravella Aerodrome	DEC-2002	B	2004	Argentina
AGA-155-S	RVR (Doc 8733, Vol. II, FASID)	Argentina/CORDOBA/Ing. Aer. Taravella Aerodrome	DEC-2002	B	DEC-2005	Argentina
AGA-156-S	RFF (Doc 8733, Vol. II, FASID and Annex 14, Vol. I, Ch. 9.2)	Argentina/FORMOSA	DEC-2002	B	TBD	Argentina
AGA-157-S	Visual aids (Doc 8733, Vol. II, FASID and Annex 14, Vol. I, Ch. 5)	Argentina/FORMOSA	DEC-2002	B	TBD	Argentina
AGA-158-S	Visual aids (Doc 8733, Vol. II, FASID and Annex 14, Vol. I, Ch. 5)	Argentina/FORMOSA	DEC-2002	B	TBD	Argentina

Form for reporting deficiencies.

Spanish ICAO Home Contact CAR Office Contact SAM Office						
International Civil Aviation Organization						
CAR/SAM Regions						
GREPECAS Air Navigation Deficiencies Database (GANDD)					Visit 000094	
					ARG	
Id	Area	Region	Subregion	Requirement	State	Corrected
19	AGA	SAM		ANNEX	Argentina, BUENOS AIRES/Ezeiza Aeródromo	2000
Requirements						
Visual aids (Annex 14, Vol. I, Ch. 5)						
States/Facilities			Argentina, BUENOS AIRES/Ezeiza Aerodrome			
Description						
Bad illumination of the apron area						
Date First Reported	11/2000					
Remarks						
IATA/Letter sent to the President of ORSNA in November 2000 Fax letter 286/02 dated 30 OCT 2002 from Argentina						
Description/Corrective Action						
To improve the apron area illumination. ACTION TAKEN: The Administration is preparing a Corrective Action Plan. A requirement was formulated through the Regulatory Agency (ORSNA) to the Concessionaire in order to present a Corrective Action Plan						
Executing Body	Argentina					
Completion_date	DEC 04				Priority	A
<input type="button" value="Submit"/>						
