

INTERNATIONAL CIVIL AVIATION ORGANIZATION



**REPORT OF THE THIRD MEETING OF THE AFI SEARCH AND
RESCUE SERVICES INTEGRATION TASK FORCE (ASSI TF/3) OF
THE AFI PLANNING AND IMPLEMENTATION REGIONAL GROUP
(APIRG)**

(Yaoundé, Cameroun, 30 – 31 July 2013)

Prepared by the Western and Central African Office

The views expressed in this Report should be taken as those of the AFI Search and Rescue Services Integration Task Force and not of the Organization. This Report will, however, be submitted to the ATM/AIM/SAR Sub-Group and any formal action taken will be published in due course as a Supplement to the Report.

The designations employed and the presentation of material in this publication do not imply the expression of any opinion whatsoever on the part of ICAO concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontier or boundaries.

TABLE OF CONTENTS

	Page
PART I - HISTORY OF THE MEETING	
1. Place and Duration	1
2. Opening	1
3. Attendance	1
4. Officers and Secretariat.....	2
5. Language.....	2
6. Agenda	2
7. Conclusions and Decisions – Definition	3

List of Appendices

- List of Participants	Appendix A
- APIRG17 conclusions & decisions related to SAR	Appendix B
- AFI Regional Performance Objectives/National Performance Objectives for Search and Rescue (SAR).....	Appendix C
- SAR Minimum Deficiencies Reporting List	APPENDIX D
- Survey on the Provision of SAR in the AFI Region...	Appendix E
- Terms of Reference and Composition	Appendix F
- Tentative Provisional Agenda	Appendix G

PART II - REPORT ON AGENDA ITEMS

Report on Agenda Item 1	4
Report on Agenda Item 2	4
Report on Agenda Item 3	5
Report on Agenda Item 4	6
Report on Agenda Item 5	6
Report on Agenda Item 6	8
Report on Agenda Item 7	8
Report on Agenda Item 8	9

PART I – HISTORY OF THE MEETING

1. PLACE AND DURATION

1.1 The third meeting of the AFI Search and Rescue Services Integration Task Force (ASSI TF/3) was held at the Hotel Mont Fébé, Yaoundé, Cameroon, from 30 to 31 July 2013 at the kind invitation of the Cameroon Civil Aviation Authority (CCAA).

2. OPENING

2.1 The ASSI Task Force Meeting, and the Workshop on the provision of Search and Rescue (SAR) services in the AFI Region, was jointly opened by the Honorable Minister of Transports Mr. Robert NKILI, in the presence of the Director General of the Cameroon Civil Aviation Authority and other high level civil and military authorities of the Cameroonian administration.

2.2 In his opening remarks, the Honorable Minister welcomed the delegates to Yaoundé and expressed his appreciation on the level of attendance and acknowledged the efforts of the States and organizations that had made it possible for their officials to attend the events.

2.3 The Honorable Minister recalled that the organization of the SAR events in Yaoundé was testimony to the strong commitment of Cameroon, from many years, to establish a reliable SAR organization and provide effective SAR services in its area of responsibility, in accordance with international standards, recommendations and best practices.

2.4 Likewise, the Honorable Minister expressed the availability and the strong commitment of Cameroon to cooperate with any stakeholder in the SAR field for the provision and the improvement of SAR services in the region. In this regard, he recalled the efforts being made by his Ministry to establish bilateral and/or sub-regional search and rescue arrangements with the neighboring States.

2.5 Finally, the Honorable Minister emphasized the importance and the need for the Task Force to focus on identification of solutions to impediments in the effective provision of search and rescue services in the AFI Region, in addition to developing regional guidance to meet ICAO provisions in this field.

3. ATTENDANCE

3.1 The ASSI TF/3 meeting was attended by a total of 43 participants from 14 States and 2 Organizations. The list of participants is at **Appendix A** to this Report.

4. OFFICERS AND SECRETARIAT

4.1 The meeting was chaired by Mr. Richard Munyenyiwa, from Zimbabwe CAA. Mr.

Sadou Marafa, Regional Officer, ATM/SAR, WACAF Regional Office was the Secretary of the meeting. He was supported by Mr. David Labrosse, Regional Officer ATM/SAR from the ESAF Regional Office.

5. LANGUAGE

1.1 Discussions were conducted in the English language and documentation was issued in the same language.

6. AGENDA

6.1 The following Agenda was adopted:

STRATEGIC OBJECTIVE	AGENDA ITEM NO.	SUBJECT
A	1	Election of Chairperson and Adoption of the Agenda
A	2	Review of and follow-up on Recommendations Conclusions and Decisions applicable to the Task Force
A	3	SAR Regional Performance Objectives; Update on Actions
A	4	Review of SAR Guidelines
A	5	SAR Legislation and Regulations
A	6	Review/update of the deficiencies in the Search and Rescue Field
A	7	Review of Terms of Reference (TOR) and Work Programme of the ASSI Task Force; Date and Venue of the meeting
	8	Any other business

7. CONCLUSIONS AND DECISIONS

7.1 All APIRG Sub-Groups and Task Forces record their actions in the form of Conclusions and Decisions with the following significance:

- a) **Conclusions** deal with the matters which, in accordance with the Task Force's terms of reference, merit directly the attention of States on which further action will be initiated by ICAO in accordance with established procedures; and
- b) **Decisions** deal with matters of concern only to the APIRG and its contributory bodies.

PART II – REPORT ON AGENDA ITEMS

REPORT ON AGENDA ITEM 1: ADOPTION OF THE AGENDA AND ELECTION OF THE CHAIRPERSON

1.1 The meeting recalled that at its first meeting in 2011, Mr Amadou Bassirou Mbodj, Director of Air Navigation and Air fields, Senegal Civil Aviation Authority, was elected as Chairperson of the Task Force. Similarly, it was recalled that, as per the established procedure in APIRG subsidiary bodies, the Chairperson should serve at least two meetings and be active in following up with States and the Regional Offices, on the work of the Task Force in between meetings, and to provide a detailed progress report to the next meeting.

1.2 In accordance with this principle, Mr Amadou Bassirou Mbodj conducted the proceedings of the first and second meetings of the ASSI Task Force which were held respectively in Dakar, Senegal (19 – 20 September 2011), and Nairobi, Kenya (5 - 6 December 2012). Therefore, the meeting had to consider the election of a Chairperson from among its members to replace Mr Mbodj and serve the present meeting.

1.3 In this purpose, a proposal from the delegate of Swaziland nominated Mr. Richard Munyenyiwa from Zimbabwe Civil Aviation Authority as Chairperson. This proposal was supported by the delegation of Cote d'Ivoire. Finally the meeting elected Mr. Richard Munyenyiwa as Chairperson and to facilitate the business of the third ASSI Task Force meeting.

1.4 The meeting then adopted the Agenda of the ASSI TF/3 Meeting as forwarded to States and concerned Organizations, as an attachment to the invitation letter from ICAO.

REPORT ON AGENDA ITEM 2: REVIEW AND FOLLOW-UP ON RECOMMENDATIONS, CONCLUSIONS AND DECISIONS APPLICABLE TO THE TASK FORCE

2.1 The meeting recalled the set of Recommendations adopted by the AFI/7 RAN Meeting, aimed at fostering implementation of SAR provisions, which in most cases were still valid and required implementation by AFI States. . It was also recalled that the SP AFI/08 RAN meeting adopted Recommendation 6/22 to promote the establishment of sub-regional SAR services, as well as joint aeronautical/maritime Rescue Coordination Centres (JRCCs), as means of expeditiously achieving an effective global SAR system.

2.2 The meeting then noted that the APIRG/17 meeting in August 2010, in accordance with the SP AFI RAN/08 Recommendation 6/22, adopted Decision17/67 and Conclusion 17/68 which respectively established the ASSI Task Force and recommended the establishment of regionalized SAR services.

2.3 It was recalled that the ASSI TF/1 which was held in Dakar, Senegal, from 19 to 20 September 2011 adopted three draft Conclusions and one draft Decision. The ASSI TF/2 meeting

held in Nairobi, Kenya, 5-6 December 2012, was of the view that Conclusions and Decision adopted by the ASSI TF/1 meeting were still valid, and decided to renew them for presentation to the ATM/AIM/SAR Sub-Group for endorsement.

2.4 The meeting reviewed the Recommendations emanating from AFI/7 RAN meeting as a valuable reminder to foster the implementation of ICAO provisions in the SAR field. The meeting was of the view that Recommendation 6/2 of AFI/7 RAN was particularly relevant and useful to be recalled. The meeting therefore decided to renew it as a draft Conclusion (**Draft Conclusion 3/4**) for consideration and endorsement as appropriate by APIRG.

2.5 The meeting reviewed the draft Conclusions and draft Decision of ASSI TF/1 as amended by the ASSI TF/2 meeting. The meeting deemed them still valid, updated them, and decided to refer them to the ATM/AIM/SAR Sub-Group for adoption.

2.6 **Appendix B** to this report shows the list of Conclusions and Decision of APIRG/17 as reviewed by the meeting, and draft Conclusions and Decision as adopted by the ASSI Task Force. The secretariat, as required by the TORs of the Task Force, will report to the ATM/AIM/SAR Sub-Group on this issue.

REPORT ON AGENDA ITEM 3: SAR REGIONAL PERFORMANCE OBJECTIVES: UPDATE ON ACTIONS

3.1 The Task Force recalled that the Regional and National Performance Objectives applicable to SAR implementation are contained in the SAR Performance Framework Form (SAR PFF), which was adopted by the SP AFI/08 RAN Meeting, through Recommendation 6/22 '*Establishment of Sub-regional SAR arrangements*'.

3.2 The SAR Performance Framework Form is a template which is applicable to a region, sub-region, a group of States or a single State and can therefore be used by AFI States as a model for establishing their national performance objectives. The SAR PFF has since been reviewed and updated by the Air Traffic Management/Aeronautical Information Management/Search and Rescue Sub-Group (ATM/AIM/SAR Sub-Group) and APIRG meetings.

3.3 In accordance with its terms of reference (TORs), the ASSI Task Force reviewed and updated the SAR PFF as at **Appendix C** to this report.

REPORT ON AGENDA ITEM 4: REVIEW OF SAR GUIDELINES

4.1 The meeting was reminded of the following reference documents where ICAO provisions in the SAR field can be found, and which provide guidance material for the implementation of SAR services in the AFI Region:

- a) Article 25 of the Chicago Convention;
- b) Standards and Recommended Practices applicable to the provision of SAR services contained in Annex 12 to the Chicago Convention;
- c) Specifications for ELT s in Annex 10, Volume III;
- d) International Aeronautical and Maritime Search and Rescue Manual (IMSAR Manual Doc 9731); and
- e) Assembly Resolution 37-15 on the “*Consolidated statement of continuing ICAO policies and associated practices related specifically to air navigation*” and Appendix N thereof on “*Provision of Search and Rescue Services.*”

4.2 The meeting recalled that in support of the provisions of Annex 12, Volume 1, Part VII of the AFI Air Navigation Plan (ANP) (Doc 7474) contains the basic operational requirements and planning criteria regarding search and rescue services. Volume II (FASID) Table SAR1 specifies the minimum units and facilities necessary for the provision of SAR operations in the AFI region. It was acknowledged that Doc 7474 was in the process of being updated.

4.3 The meeting was reminded that some of the provisions in the AFI ANP are the outcome of Regional Air Navigation (RAN) meetings. The AFI Planning and Implementation Regional Group (APIRG) also provide guidance through its Conclusions and Decisions, aimed at fostering implementation in the field of SAR.

4.4 The meeting finally called upon all AFI States to expedite the implementation of SAR provisions and to ensure that their SAR services are provided in accordance with the above referred guidance material.

REPORT ON AGENDA ITEM 5: SEARCH AND RESCUE LEGISLATION AND REGULATION

5.1 The meeting recalled that the lack of appropriate SAR legislation/regulations and lack of SAR agreements were the major deficiencies that continued to be the long-time obstacles to the provision of efficient SAR services in AFI region.

5.2 In order to assist States in the development of their national legislation/regulations, the meeting recalled the existence of sample documentation that may be used by States and adapted to their national SAR environment which includes:

- a) the Sample Legislation for establishing a SAR Organization, from Document 9731 (IAMSAR);
- b) The model of SAR agreement provided in the IMSAR Manual;

- c) The set of template SAR documentation produced by the ICAO/AFCAC SAR Project, composing of the following:
- (i) a draft SAR Bill;
 - (ii) a draft SAR Presidential Decree;
 - (iii) a draft SAR Plan;
 - (iv) a draft SAR Inter-ministerial Order;
 - (v) a draft Agreement between the Ministries in charge of Civil Aviation and Defence;
 - (vi) draft terms of reference for a SAR Coordinating Committee;
 - (vii) a draft International SAR Agreement;
 - (viii) draft International SAR Agreement (Case of Several States Belonging to the Same SRR); and
 - (ix) a draft Rescue Coordination Centre (RCC) Operations Manual ;
- d) These documents are available on the ICAO website: http://legacy.icao.int/SARAfrica/documentation_en.html

5.3 Cognizant of the importance of SAR legislation and SAR agreements in the process of establishing an effective SAR organization, AFI States not having done so were urged to take the necessary steps to comply with ICAO provisions related to SAR legislation and SAR agreements.

REPORT ON AGENDA ITEM 6: REVIEW/UPDATE OF THE DEFICIENCIES IN THE SEARCH AND RESCUE FIELD

6.1 The meeting recalled that APIRG/17, through Conclusion 17/99 and Conclusion 17/100, called for the establishment of a comprehensive list of all air navigation deficiencies consistent with the ICAO definition of deficiency as approved by the Council, and the development of a web-based AFI Air Navigation Deficiencies Data Base (AANDD), in order to facilitate the updating of the deficiency database by the Regional Offices.

6.2 APIRG/18, during its deliberations, recalled that due to lack of effective reporting, amongst others, the AFI list of air navigation deficiencies, including SAR, lacked the information which the Group required to identify impediments to implementation and to effectively address deficiencies in the AFI Region.

6.3 APIRG/18 further recalled that, based on information collected so far, it was noted that most AFI States had similar deficiencies in the field of SAR, especially with regard to lack of SAR legislation, lack of SAR agreements, lack of ELT carriage legislation and lack of SAR exercises.

6.4 In the same vein, the meeting recalled that the first meeting of the ASSI Task Force in 2011, agreed to a survey to be conducted by the ESAF and WACAF ICAO Regional

Offices in order to collect updated information on the status of implementation of SAR provisions within AFI States. In this purpose, a questionnaire on the status of implementation of SAR services was circulated to all AFI States for completion and return to the two Regional Offices. The meeting noted that very limited feedback have been received from States.

6.5 The meeting reviewed the list of minimum reporting on SAR deficiencies as at **Appendix D** to this report. Likewise, the meeting reviewed the questionnaire (**Appendix E**) and adopted draft Conclusion 3/3 calling upon AFI States to provide information requested therein, before APIRG/19 meeting, in order for the list of air aavigation deficiencies to be updated accordingly.

REPORT ON AGENDA ITEM 7: REVIEW OF TERMS OF REFERENCE (TOR) AND WORK PROGRAMME OF THE ASSI TASK FORCE

7.1 Considering the latest developments in the implementation of SAR provisions globally, and at regional level within the AFI Region, as well as discussions under various agenda items above, the meeting revised and updated the ASSI Task Force terms of reference as at **Appendix F** to this report, in order to reflect more accurately the work programme that needs to be carried by the group. In particular, the meeting welcome the decision of supplementary States and organizations to be part of its composition, as they have to potential to bring additional benefits to the Task Force,

7.2 The Task Force considered the dates, venue and tentative agenda for its next meeting. The provisional agenda for the next meeting of the Task Force is shown at **Appendix G** to this report.

7.3 The meeting was informed by the Secretariat that the APAC Region SAR Task Force was proposing to organize a joint meeting with the next ASSI Task Force, preferably within a State in the Indian Ocean, located at the border of the two regions. The meeting acknowledged that this would be of great benefit to the ASSI Task Force, as the APAC Region was more advanced in terms of SAR services provision. At the same time, it was recalled that Seychelles, informally, had proposed to host the next SAR Workshop and ASSI TF/4 in 2014.

7.4 The meeting agreed to the principle of convening a joint meeting of the two Task Forces and, if confirmed by Seychelles and agreed with the APAC SAR Task Force, it will be held in Seychelles at a date to be coordinated with the Seychelles Civil Aviation Authority.

7.5 The meeting agreed for the Secretariat to coordinate with the various stakeholders on the organization of the 2014 SAR events and to inform the members of the ASSI Task Force of the venue and dates of these events, in due course.

REPORT ON AGENDA ITEM 8: ANY OTHER BUSINESS

SAR Workshop:

8.1 The meeting noted the Recommendations emanating from the Search and Rescue

Workshop held on 29 July 2012, in Yaoundé, Cameroun, and was of the view that they reflect accurately the outcome of the workshop's deliberations.

8.2 The meeting was of the view that the SAREX held on the 29th of July 2013 was a success and expressed its congratulations and thanks to Cameroun authorities in this regard. The meeting therefore confirmed the need to organize a SAR workshop back to back with the ASSI Task Force meeting every year.

Assistance of ICAO for the implementation of SAR provisions in AFI States:

8.3 The meeting noted with appreciation, the continued guidance and assistance offered by ICAO to AFI States in the SAR field through the organization of SAR workshops and the implementation of projects like the *ICAO/AFCAC Project* which was terminated in 2007.

8.4 However, in view of the longstanding lack of implementation of SAR provisions in AFI States, it was suggested that ICAO find more effective ways to foster the implementation of SAR services in the AFI States. In this regard, one of the suggestions was that ICAO establishes a team of SAR experts that could, at the request of a State depending on its needs, be called upon to work with the State's officials on SAR legislation/regulations, Organization/Funding of SAR services, development of SAR plans, manuals, procedures etc. The meeting agreed that further consideration should be given to the funding of such activity by the requesting State. .

8.5 The meeting was further informed that the Secretariat would bring this issue to the level of APIRG, for more in-depth analysis, and to have decision taken thereon.

APPENDIX A

LIST OF PARTICIPANTS

N°	Name	EMPLOYER	STATE	CONTACTS
01	AIT AMARA AMARA	CHEF DE BUREAU (SAR)	ALGERIA	+213 77 84 03 84/+213 21 49 16 47 aitamara2000@yahoo.fr
02	BOUMBAR MOURAD	HEAD OF ALGERIA SAR	ALGERIA	+ 213 661 58 28 04 +213 21 49 16 47 laveugle2002@yahoo.fr
03	AMIRAT BAHIM	CIVIL AVAITION ENGINEER MINISTRY OF TRANSPORT	ALGERIA	+213 5 53 35 79 47 amirat.bahia@gmail.com
04	AFONSO RICARDO	ANGOLAN AIR FORCE SAR DIVISION	ANGOLA	+244 92 33 14778 +244 91 32 02166 ricardo_afons28@yahoo.br
05	BEMBA KOUDAOU PATRICK	CAMEROON CIVIL AVIATION AUTHORITY	CAMEROON	+237 96 42 97 55 patrick.bemba@ccaa.aero
06	FREELAND DENNIS	SIL CAMEROON	CAMEROON	+237 77 50 02 27 aviation_cameron@sil.org
07	NGOKOBI FRANCOIS	CAMEROON AIR FORCE	CAMEROON	+237 96 41 71 76 ngokobi.francois@yahoo.fr
08	BISSE BELL RAYMOND	CAMEROON CIVIL AVIATION AUTHORITY	CAMEROON	+237 94 63 05 49 raymond.bisse@ccaa.aero
09	ASSOUMOU KOKI PAULE	CAMEROON CIVIL AVIATION AUTHORITY	CAMEROON	+237 76 15 95 71 paule.assoumou.koki@ccaa.aero
10	WEREBESI SOM RICHARD	ASECNA	CAMEROON	+237 77 78 08 94 werebesisom@yahoo.fr

APPENDIX A

LIST OF PARTICIPANTS

N°	Name	EMPLOYER	STATE	CONTACTS
11	KENSOUNG ALBERT	ASECNA	CAMEROON	+237 99 00 23 13 akensoung@yahoo.fr
12	NTONGMO PIERRE OLIVIER	CAMEROON CIVIL AVIATION AUTHORITY	CAMEROON	olivier.ntongmo@ccaa.aero
13	OWONA JOSEPH MARIE	RSC YAOUNDE	CAMEROON	+237 94 47 57 14 +237 70 91 35 73
14	YAMGOUOT PEYOU ABIBA	RSC YAOUNDE	CAMEROON	+237 96 05 65 29 +237 76 16 96 53 abibapeyau@gmail.com
15	LEUWAT NGASSOM	RSC YAOUNDE	CAMEROON	+237 74 00 79 20 +237 94 70 83 11
16	ELOI NGNEWO	CAMAIR-CO DOUALA	CAMEROON	+237 79 52 84 33
17	TINEFEH FREDERICK	CAMAIR-CO DOUALA	CAMEROON	+237 94 84 83 75 Frederick.tinefeh@camair-co.net
18	BALLA MICHEL	ADC	CAMEROON	+237 77 87 65 00
19	ATEBA ERNEST	MIINISTERE DES TRANSPORTS	CAMEROON	+237 99 98 79 39 ateba.ernest@yahoo.fr
20	BELINGA ETOUNDI LAURENT	MINT/DAC	CAMEROON	+237 96 35 67 21 belingalaurent@yahoo.fr

APPENDIX A

LIST OF PARTICIPANTS

N°	Name	EMPLOYER	STATE	CONTACTS
21	TINEFEH FREDERICK	CAMAIR-CO	CAMEROON	frederick.tinefeh@camair-co.net
22	ELOI NGNEWO	CAMAIR-CO	CAMEROON	eloi.ngnewo@camair-co.net
23	MANKEMI F. J. HERVE	CAMEROON CIVIL AVIATION AUTHORITY	CAMEROON	hervemankemi@yahoo.fr
24	JEAN BERTOS SIMO	ADACEL	CANADA	+1 514 992 1069 jbsimo@hotmail.com
25	EOUOLO BERNARD MICHEL	COORDONNATEUR SAR	CONGO	+242 06 841 64 21 euolobernard.michel@yahoo.com
26	SEMI LENOY JEAN BERNARD	AGENCE NATIONALE DE L'AVIATION CIVILE (ANAC)	CONGO BRAZZAVILLE	+242 055 42 08 55 +242 069 72 32 56 semi.lenoy@yahoo.fr
27	ASSEKE CANIS	SODEXAM	COTE D'IVOIRE	+225 94 60 97 62 canisasseke@gmail.com
28	ANOMAN CONSTANT	AIR FORCE	COTE D'IVOIRE	+225 0703 72 10 constant_anoman@yahoo.fr
29	KAKO DOMA LAURENT	COTE D'IVOIRE CIVIL AVIATION AUTHORITY (ANAC)	COTE D'IVOIRE	+225 07 69 19 31 kakodl@yahoo.fr
30	BOUIN ZOUEUJACQUES	COTE D'IVOIRE CIVIL AVIATION AUTHORITY (ANAC)	COTE D'IVOIRE	+225 07 84 93 78 pzpri903@yahoo.fr

APPENDIX A

LIST OF PARTICIPANTS

N°	Name	EMPLOYER	STATE	CONTACTS
31	HELENA Y WILLIE	ROBERTS FLIGHT INFORMATION REGION	LIBERIA	helenayfof@yahoo.com
32	CHAROUBOUTOU IBRAHIM	CIVIL AVIATION AUTHORITY	NIGER	+227 94 60 97 62 charoutouibrahim@yahoo.fr
33	TAHIROU AROUNA ZERMA	DIRECTEUR DES SAUVETAGES AEROTHERRESTRES	NIGER	+227 96 99 00 01 arzeta66@hotmail.com
34	AMADOU LAMINE NDIAYE	ARMEE DE L'AIR DU SENEGAL	SENEGAL	alndiayecsv@yahoo.fr
35	AMADOU BASSIROU MBODJ	ANACIM	SENEGAL	bachir.mbodj@anacim.sn
36	OSMAN J. KAMARA	ROBERTS FLIGHT INFORMATION REGION	SIERRA LEONE	ojproductionoffice@yahoo.com
37	AHMED HASSAN MOHAMED	ICAO-SOMALIA PROJECT AIR TRAFFIC CONTROL	SOMALIA	mohamae@icao.unon.org
38	ABDI ADEN HUSSEIN	ICAO SOMALIA PROJECT (ATS/SAR)	SOMALIA	+254 72 27 70716 husseina@icao.unon.org
39	JABU L. NGUBANE	SWAZILAND CIVIL AVIATION AUTHORITY	SWAZILAND	+268 2 518 43 90 jabu@swacan.co.sz
40	REV. SAMUEL ATABUA Z.	CIVIL AVIATION AUTHORITY - UGANDA	UGANDA	+256 7767 48 407 satabua@caa.co.ug samuel_atabua@yahoo.co.uk

APPENDIX A

LIST OF PARTICIPANTS

N°	Name	EMPLOYER	STATE	CONTACTS
41	ATTO IRENE	CIVIL AVIATION AUTHORITY UGANDA	UGANDA	iatto@caa.co.ug
42	RICHARD MUNYENYIWA	CIVIL AVIATION AUTHORITY OF ZIMBABWE	ZIMBABWE	+263 45 850 138 munyenyiwa@caaz.co.zw
43	TENNYSON BAKARE	CIVIL AVIATION AUTHORITY OF ZIMBABWE	ZIMBABWE	+263 773 500 270 bakare@caaz.co.zw
ICAO SECRETARIAT				
44	SADOU MARAFA	REGIONAL OFFICER ATM/SAR WACAF REGIONAL OFFICE	DAKAR SENEGAL	+221 33 869 2413 / 76683 7843 smarafa@icao.int
45	DAVID LABROSSE	REGIONAL OFFICER ATM/SAR ESAF REGIONAL OFFICE	NAIROBI, KENYA	+254 20 7622368 dlabrosse@icao.int

APPENDIX B

APIRG17 CONCLUSIONS & DECISIONS RELATED TO SAR

Cons/Decs No. Strategic Objectives*	Title of Cons/Decs	Text of Cons/Decs	Follow-up Action	To be initiated by	Deliverable/ Intended Outcome	Target Dates	Status of Implementation
DECISION 17/67 A	AFI SAR SERVICES INTEGRATION TASK FORCE (ASSI TF)	That, in order to progress the initiatives taken at the Port Elizabeth Consultative Conference of October 2007 on integration of SAR services and similar other initiatives in the AFI Region, and to support the implementation of SAR provisions, the AFI SAR Services Integration Task Force (ASSI TF) is established with the terms of reference at Appendix 3.4L to the report on agenda item 3.4.	Coordinate establishment of ASSI TF	ESAF & WACAF Offices	ASSI TF meetings report	March 2011	Completed. ASSI TF has been established
CONCLUSION 17/68 A	SEARCH AND RESCUE SERVICES	That, with the objective to foster the implementation of SAR services and improvement of SAR systems in the Region, AFI states are: (a) Urged to establish joint	Issue State Letter Initiate coordination	ESAF & WACAF Offices States	State Letter More efficient		Completed Process of

APPENDIX B

APIRG17 CONCLUSIONS & DECISIONS RELATED TO SAR

Cons/Decs No. Strategic Objectives*	Title of Cons/Decs	Text of Cons/Decs	Follow-up Action	To be initiated by	Deliverable/ Intended Outcome	Target Dates	Status of Implementation
		<p>aviation/maritime rescue coordination centres (RCCs) where applicable, in order to optimize usage of resources and coordination;</p> <p>(b) Encouraged to establish sub-regional task forces to progress the development of SAR cooperative arrangements and integration of SAR services;</p> <p>(c) Urged to consider entering into agreements with States that have adequate facilities (within or outside the sub-region) to assist in SAR operations; and</p> <p>(d) Encouraged to include officials from other State organs who are part of the States SAR organization, in their delegations to relevant ICAO meetings and workshops.</p>	<p>protocols between RCCs</p> <p>Establish sub-regional task forces</p> <p>Initiate bilateral/multilateral agreements</p>	<p>States</p> <p>States</p> <p>ESAF & WACAF Offices</p>	<p>and effective SAR services</p> <p>Cooperative arrangements, integration of SAR services</p> <p>More efficient and effective SAR services</p>	<p>2010-2011</p> <p>2010-2011</p>	<p>implementation on-going</p> <p>Process of implementation on-going</p> <p>Process of implementation on-going</p> <p>Process of implementation on-going</p>

APPENDIX B

APIRG17 CONCLUSIONS & DECISIONS RELATED TO SAR

Cons/Decs No. Strategic Objectives*	Title of Cons/Decs	Text of Cons/Decs	Follow-up Action	To be initiated by	Deliverable/ Intended Outcome	Target Dates	Status of Implementation
							on-going

*Note: ICAO has established the following Strategic objectives for the period 2011-2013

A: Safety: Enhance global civil aviation safety;

B: Security: Enhance Global civil aviation security;

C: Environmental Protection and Sustainable Development of Air Transport: Foster harmonised and economically viable development of international civil aviation that does not unduly harm the environment.

APPENDIX B

APIRG17 CONCLUSIONS & DECISIONS RELATED TO SAR

ASSI TASK FORCE MEETINGS - LIST OF DRAFT CONCLUSIONS AND DECISIONS

Conclusions/Decisions No.	Title of Conclusion/Decision	Text of Conclusion/Decision	Follow-up Action	To be initiated by	Deliverable/Intended Outcome	Target Dates	Status of Implementation
DRAFT CONCLUSION N 3/1	<i>Resolution of SAR deficiencies and establishment of Joint RCCs</i>	<i>That ICAO send a State letter to all AFI States, calling on them to expedite the resolution of the longstanding deficiencies recorded in the SAR field and highlighting that both ICAO and the International Maritime Organization (IMO) now recommend the establishment of joint aviation/maritime rescue coordination centres where applicable and regionalized provision of SAR services.</i>	Issue State Letter	ESAF & WACAF Offices	SAR deficiencies resolved and JRCCs established where practicable	Dec 2014	Process of implementation on-going

APPENDIX B

APIRG17 CONCLUSIONS & DECISIONS RELATED TO SAR

<p>DRAFT CONCLUSION 3/2</p>	<p>Development and management of an AFI SAR web page</p>	<p><i>That</i></p> <p>a) <i>ICAO develops and manages a web page under ESAF and WACAF websites where information from all AFI States on SAR implementation and SAR activities will be posted.</i></p> <p>b) <i>AFI States forward to the ICAO regional offices regular information on their SAR activities, for posting on the website.</i></p>	<p>ICAO to organize development and availability of website</p>	<p>ICAO</p> <p>States</p>	<p>Common website where all SAR related information can be stored and accessed.</p>	<p>June 2014</p>	<p>Process of implementation on-going</p> <p>Yearly updates by States</p>
------------------------------------	---	---	---	---------------------------	---	------------------	---

APPENDIX B

APIRG17 CONCLUSIONS & DECISIONS RELATED TO SAR

<p>DRAFT CONCLUSION 2/3</p>	<p>Survey on the provision of SAR in the AFI Region</p>	<p><i>That,</i></p> <p><i>a) ICAO Regional Offices send a State Letter with a questionnaire to all AFI States, prior to 30 November 2011, to collect information on the status of implementation of SAR provisions in the AFI Region and update the list of Air Navigation Deficiencies accordingly;</i></p> <p><i>b) States send their replies to the ICAO Regional Offices not later than 31 January December 2012.</i></p>				<p>By November 2012 (Before ASSI TF/2)</p>	<p>Few States have responded</p> <p>To be superseded by be</p>
<p>DRAFT CONCLUSION 3/3</p>	<p>Survey on the provision of SAR in the AFI Region</p>	<p><i>That, in accordance with the ICAO State letter and questionnaire issued to all AFI States in 2011, States provide all relevant information on the status of implementation of SAR provisions, to the ICAO ESAF and WACAF</i></p>				<p>Before APIRG/19</p>	<p>Only 12 States have provided data to ICAO Regional</p>

APPENDIX B

APIRG17 CONCLUSIONS & DECISIONS RELATED TO SAR

		<i>Regional Offices, before APIRG/19 in order for the list of Air Navigation Deficiencies to be updated accordingly</i>					Offices so far
Draft Conc 3/4	SATELLITE-AIDED SEARCH AND RESCUE	That States: a) take appropriate action to reduce the number of false alarms through the COSPAS-SARSAT system on 406 Mhz caused by inadvertent activation of emergency transmitters and eliminate unauthorized use of those frequencies b) establish a register of 406 Mhz and make available information by publishing, in the aeronautical information publication, how ELT registration information can be obtained rapidly by rescue co-ordination centres (RCCs) of other States c) provide to ICAO a					
(REC 6/2 of AFI/7 RAN)							
As a Reminder							

APPENDIX B

APIRG17 CONCLUSIONS & DECISIONS RELATED TO SAR

		<p>search and rescue (SAR) point of contact (SPOC) for inclusion in the Table SAR 1 of the respective air navigation plan (ANP); and</p> <p>d) include information regarding the COSPAS-SARSAT system in the SAR plans</p>					
<p>DRAFT DECISION</p> <p>3/1</p>	<p><i>Organization of ASSI TF meetings</i></p>	<p><i>That</i></p> <p>a) <i>the ASSI TF meeting be held in a different State each year;</i></p> <p>b) <i>the ASSI TF meeting to coincide with a planned SAR events activity being organized occurring in the host State (SAR exercises), or visit to SAR facilities etc.) if possible to the extent practicable.</i></p>					<p>Pending approval by APIRG</p>

APPENDIX C

**AFI REGIONAL PERFORMANCE OBJECTIVES/NATIONAL
PERFORMANCE OBJECTIVES FOR SEARCH AND RESCUE (SAR)**

ESTABLISHMENT OF SUB-REGIONAL SAR ARRANGEMENTS				
Benefits				
Efficiency and Safety	<ul style="list-style-type: none"> • cost-efficient use of accommodation and RCC equipment on a shared basis • service provision more uniform across a geographic area defined by risk • proficient services provided near and within States with limited resources. • harmonization of aviation / maritime procedures • inter-operability of life-saving equipment • development of a pool of experienced SAR mission coordinators skilled across both aviation and maritime domains thus reducing coordination and fragmentation 			
Strategy				
ATM OC COMPONENTS	TASKS	TIMEFRAME START-END	RESPONSIBILITY	STATUS
N/A	<ul style="list-style-type: none"> • conduct AFI Regional SAR workshop 	every year	ICAO	Yearly event. One day workshop back to back with ASSI TF meeting
	<ul style="list-style-type: none"> • establish collaborative decision making process • Collaboration between states • Networking process by setting up a website; nominate a focal point within ICAO to manage the website • Nominate a focal point within each state/organization to coordinate SAR issues 	2011 – 2013	ICAO /States	Implementation to continue through 2013
	<ul style="list-style-type: none"> • develop needs assessment and gap analysis • conduct self audits 	From 2011 – End of 2014	APIRG/STATES	Process of implementation on-going
	<ul style="list-style-type: none"> • data collection from States • develop regional action plan to resolve the deficiencies 	2011 – 2014	APIRG/STATES	Process of implementation on-going Collection of data has started

APPENDIX C

**AFI REGIONAL PERFORMANCE OBJECTIVES/NATIONAL
PERFORMANCE OBJECTIVES FOR SEARCH AND RESCUE (SAR)**

	<ul style="list-style-type: none"> conduct regional SAR Administrators training and SAR Mission Coordinators training 	From 2011 –	ICAO/ STATES	Process of implementation on-going
	<ul style="list-style-type: none"> determine regional and subregional SAR organisations, functions and responsibilities, accommodation and equipment needs. 	2011 – 2014	APIRG/ STATES	Process of implementation on-going
	<ul style="list-style-type: none"> Use draft legislation, regulations, operational procedures, letters of agreement SAR plans and safety management policies for regional SAR provision using IAMSAR manual as guidance. 	2010 – 2013	States	Process of implementation on-going
	<ul style="list-style-type: none"> determine future training needs and develop training plans and conduct training as required Ensure capacity building 	2010 – permanent	APIRG/STATES	Process of implementation on-going
	<ul style="list-style-type: none"> develop SAR plan <ul style="list-style-type: none"> ➤ alerting procedures ➤ resource databases ➤ interface procedures with aerodrome emergency procedures and generic disaster response providers ➤ RCC check lists ➤ staffing, proficiency and certification plans ➤ preventive SAR programmes ➤ quality programmes ➤ education and awareness programmes ➤ in-flight emergency response procedures 	2011 – 2013	States	Process of implementation on-going
	<ul style="list-style-type: none"> conduct SAR exercises required: <ul style="list-style-type: none"> -National -Multinational 	2012 - Permanent	States	Process of implementation on-going
	<ul style="list-style-type: none"> monitor implementation process 	As appropriate	ICAO/States	Process of implementation on-going
Linkage to GPIs	N/A			

APPENDIX C**AFI REGIONAL PERFORMANCE OBJECTIVES/NATIONAL
PERFORMANCE OBJECTIVES FOR SEARCH AND RESCUE (SAR)**

Notes:

1. Enablers: Regional Organizations like AFCAC, EAC, CEMAC, ECOWAS, SADC, etc.
2. The Task Force has identified the following groups of RCCs/RSCs as potential base for regional/sub-regional SAR close co-operation e.g. SAR exercise, training, meetings etc..
 - Casablanca, Canarias, Dakar, Roberts, Sal,
 - Algiers, Asmara, Cairo, Tripoli, Tunis,
 - Accra, Brazzaville, Kano, Kinshasa, Ndjamena, Niamey,
 - Addis, Bujumbura, Dar_es_Salaam, Entebbé, Khartoum, Kigali, Mogadishu, Nairobi,
 - , Gaborone, Harare, Johannesburg, Lilongwe, Luanda, Lusaka, Maputo, Maseru, Matsapha, Windhoek,
 - Antananarivo, Comoros Mauritius, Reunion, Seychelles,
3. All work requires close cooperation with all States affected, ICAO, IMO, COSPAS-SARSAT and other worldwide bodies as required.

--- END ---

APPENDIX D

SAR MINIMUM DEFICIENCIES REPORTING LIST (UPDATED BY ASSI TF)

SEARCH AND RESCUE (SAR)								
Item No	Deficiencies				Corrective Action			
	ICAO Reference Document & GPIs	Description	Date first reported	Remarks/ Impact of non-implementation	Action by States	Action taken/planned by State (including timelines/target dates)	Identified implementation impediment and action thereon	Status
1.		Lack of SAR legislation and regulation		Lack of SAR legislation or regulation will prevent a State from having the required legal framework to cover and support a given SAR operation and can result in lack of empowerment to protect the SAR Mission Coordinator against liabilities that may arise from damages and loss, whilst discharging his/her functions.				
2.	[Annex 12, Chapter 3] AFI/7 Rec. 6/3	Lack of Search and Rescue Agreements between neighbouring States		Lack of SAR agreements can be detrimental to safety of persons in distress where searches overlap national boundaries.				
3.	[Annex 12, Section 4.3]	Search and rescue units		Lack of adequately equipped and trained search and rescue units and adequate survival and medical supplies can seriously affect the conduct and outcome of SAR operation				

APPENDIX D

SAR MINIMUM DEFICIENCIES REPORTING LIST (UPDATED BY ASSI TF)

SEARCH AND RESCUE (SAR)								
Item No	Deficiencies				Corrective Action			
	ICAO Reference Document & GPIs	Description	Date first reported	Remarks/ Impact of non-implementation	Action by States	Action taken/planned by State (including timelines/target dates)	Identified implementation impediment and action thereon	Status
4.	AFI/7 Rec. 6/5	Search and Rescue Training		Lack of formal and recurrent training for SAR personnel can hinder the effectiveness of SAR operation				
5.	[Annex 12, Section 4.4]	Search and rescue exercises		Lack of regular training of search and rescue personnel and conduct of regular search and rescue exercises can prevent achievement of maximum efficiency in search and rescue operation.				
6.	AFI/7 Rec. 6/1 AFI/7 Rec. 6/2	Satellite aided search and rescue		Lack of implementation will result in difficulty in detection, identification and location of activated 406 Mhz ELTs and loss of valuable time for SAR				

APPENDIX E

SURVEY ON THE PROVISION OF SAR IN THE AFI REGION

QUESTION	YES	NO
<p>1- Has your State established an entity which provides, on a 24-hour basis, Search and Rescue (SAR) services within its territory to ensure that assistance is rendered to persons in distress? <i>(add details as appropriate)</i></p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>		
<p>2- Does the SAR services system include a responsible authority, organized available resources and a workforce skilled in coordination and operational functions? <i>(add details as appropriate)</i></p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>		
<p>3- Has your State designated a SAR Point of Contact (SPOC) for the receipt of COSPAS-SARSAT distress data? <i>(add details as appropriate)</i></p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>		
<p>4- Has your State designated a SAR point of contact? If yes, provide details. <i>(add details as appropriate)</i></p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>		
<p>5- Has your State taken appropriate action to ensure that;</p> <p>a) all owners/operators of Emergency Locator Transmitters (ELT) have upgraded to the 406 MHz ELTs and have registered them with the International Beacon Registration Database (IBRD); and</p> <p>b) it has established a national database on ELT registration easily accessible to all Stakeholders on a 24 hour basis?</p> <p><i>(add details as appropriate)</i></p> <p>.....</p> <p>.....</p>		

APPENDIX E

SURVEY ON THE PROVISION OF SAR IN THE AFI REGION

<p>..... </p>		
<p>A) Has your State designated, as SAR units, elements of public and private services suitably located and equipped for SAR operations? (add details as appropriate)</p> <p>..... </p>		
<p>B) Has your Rescue Coordination Centre (RCC)/Rescue Subcenter (RSC) prepared detailed plans of operation for the conduct of SAR operations within its Search and Rescue Region (SRR)? If Yes, as part of your National SAR Plan, are arrangements made for all aircraft, vessels and facilities, which do not form part of SAR organisation to cooperate fully with the latter in SAR to extend any possible assistance to the survivors of aircraft accidents? (add details as appropriate)</p> <p>..... </p>		
<p>C) Does your State coordinate its SAR organisation with those of neighbouring States? If Yes, what is the status of SAR agreements with your neighboring States? (add details as appropriate)</p> <p>..... </p>		
<p>D) Does your State ensure that SAR personnel are regularly trained and that appropriate SAR exercises are arranged? (add details as appropriate)</p> <p>..... </p>		

---END---

APPENDIX F

TERMS OF REFERENCE AND COMPOSITION (Updated by ASSI TF/3)

1. TERMS OF REFERENCE

The ASSI Task Force is established to support the development of the concept of sub-regional search and rescue (SAR) arrangements and cooperation between neighboring States; provide a forum for discussions and identifying solutions to impediments in the effective provision of SAR services in the Region; and developing regional guidance to meeting ICAO provisions in the field of SAR.

2. WORK PROGRAMME

As part of its work programme, the ASSI Task Force will:

- a) Periodically review and update Regional performance objectives with regard to SAR;
- b) Identify and coordinate tasks related to establishment and functions of sub-regional SAR organizations;
- c) Develop Regional strategies and guidance to support establishment of joint aviation/maritime rescue coordination centres;
- d) Review SAR deficiencies identified within the AFI region, taking into consideration existing capacity and other constraints being experienced by States and SAR organizations, and propose solutions;
- e) Support the cooperation between ICAO and IMO in their continuing collaboration with African States to implement sub-regional, joint RCCs at strategic locations on the African continent.

3. REPORTING

The ASSI Task Force shall meet at least once a year and report to the ATM/AIM/SAR Sub-Group.

4. COMPOSITION:

The ASSI Task Force will comprise of:

- a) Experts nominated by the following AFI States from both civil aviation and military entities, SAR organizations and ANSPs: *Algeria, Angola, ASECNA, Botswana, Cameroon, Comoros, Congo Brazzaville, Côte d'Ivoire, Djibouti, Ethiopia, Kenya, Madagascar, Mali, Niger, Roberts FIR, Senegal, Seychelles, Swaziland, Tanzania, Uganda, Zambia and Zimbabwe.*

APPENDIX F

TERMS OF REFERENCE AND COMPOSITION (Updated by ASSI TF/3)

- b) Interested International and Sub-Regional Organizations; and
- c) Expertise on SAR from States outside the AFI Region and from other entities may be invited by the Task Force, based on the contribution that may be provided by such expertise.

--- *END* ---

APPENDIX G

TENTATIVE PROVISIONAL AGENDA

STRATEGIC OBJECTIVES	AGENDA ITEM NO.	SUBJECT
A	1	Adoption of the agenda and election of Chairperson
A	2	Review and follow up of Recommendations, Conclusions and Decisions applicable to the ASSI Task Force
A	3	SAR Regional Performance Objectives; Update on actions
A	4	Review the outcome of the SAR Workshop and progress on SAR implementation in AFI States
A	5	Review/update of the list of deficiencies in the Search and Rescue field
A	6	Review of terms of reference (ToR) of the ASSI Task Force and work programme Date and venue of the next meeting
	7	Any other business
