



INTERNATIONAL CIVIL AVIATION ORGANIZATION
AERONAUTICAL SURVEILLANCE IMPLEMENTATION TASK FORCE
SECOND MEETING
(AS/I/TF/2)
(Dakar, Senegal, 22-24 June 2011)

Agenda Item 6: Updating the draft strategy and the implementation plan of AFI Aeronautical Surveillance

REVIEW OF AFI AIR NAVIGATION PLAN REQUIREMENTS FOR AERONAUTICAL SURVEILLANCE

(Presented by the Secretariat)

SUMMARY
This working paper presents the requirements for aeronautical surveillance as contained in the AFI Air Navigation Plan, for consideration by the Task Force.
Action by the meeting is at paragraph 3.
References : [1] – Report of the CNS/SG/3 Meeting (Principal reference) [2] – Report of the CNS/SG/2 Meeting [3] – Report of the APIRG/17 Meeting [4] – Report of the ICAO Special AFI RAN Meeting (2008) (Doc 9930) [5] – Annex 10 to the Convention on International Civil Aviation, Volume 4 <i>Note: References [1], [2], [3] and [4] can be downloaded from: http://www.icao.int.</i>
Related ICAO Strategic Objectives: A and C.

1. INTRODUCTION

1.1. In June 2001, APIRG/13 adopted an initial Aeronautical Surveillance Plan for en-route operations (ACCs), as reflected in the AFI Air Navigation Plan (ICAO Doc 7474).

2. DISCUSSION

2.1 **Appendix** to this working paper shows the AFI ANP provisions for aeronautical surveillance systems.

2.2 The meeting may wish to recall that APIRG/16 Meeting acknowledged the need to include the status of implementation of the AFI surveillance infrastructure in the review of CNS system performance; and accordingly its Decision 16/26 which states as follows::

DECISION 16/26: STATUS OF IMPLEMENTATION OF AFI AERONAUTICAL SURVEILLANCE PLAN FOR EN-ROUTE ACCs

That the status of implementation of the AFI aeronautical surveillance plan for en-route operations be included in the review of CNS system performance.

3. ACTION BY APIRG

- 3.1 Based on the information provided in **Appendix** hereto, the meeting is invited to:
- a) assess the status of implementation of ANP requirements in the spirit of APIRG/16 Decision 16/26; and
 - b) discuss amendment proposals to be made to the ANP provisions (as necessary) for consideration by the CNS/SG/4 meeting.

— E N D —

APPENDIX

AFI AIR NAVIGATION PLAN

REQUIREMENTS FOR STATES SURVEILLANCE SYSTEMS

State/Location Etat/ Emplacement	AR	ATS unit served/ Organe ATS desservi	PSR	Coverage/ Couverture of/du PSR (NM)	SSR (A/C/S)	Coverage/ Couverture of/du SSR (NM)	ADS- B*	ADS- C	Remarks/ Remarques
1	2	3	4	5	6	7	8	9	10
ALGERIA	AR4								
Alger		Alger ACC			F<- 2003			F<- 2003	MSSR planned/prévu
Annaba		Alger ACC			F<- 2003				
El Bayad		Alger ACC			F<- 2003				
El Oued		Alger ACC			F<- 2003				
Oran	Alger ACC				F<- 2003				
ANGOLA	AR2 AR4								
Luanda		Luanda ACC			F<- 2003			N	MSSR planned/prévu
BOTSWANA	AR4								
Gaborone		Gaborone ACC						N	
CAPE VERDE	AR1								
Sal		Sal ACC						F<- 2004	
CHAD/TCHAD	AR4 AR5								
N=Ndjamena		N=Ndjamen a ACC			N<- 2002			N<- 2002	
CONGO	AR4 AR5								
Brazzaville		Brazzaville ACC						F<- 2003	
CONGO (Dem. Rep. of)	AR4								
Kinshasa		Kinshasa ACC						N	

State/Location Etat/ Emplacement	AR	ATS unit served/ Organe ATS desservi	PSR	Coverage/ Couverture of/du PSR (NM)	SSR (A/C/S)	Coverage/ Couverture of/du SSR (NM)	ADS- B*	ADS- C	Remarks/ Remarques
1	2	3	4	5	6	7	8	9	10
COTE D'IVOIRE Abidjan	AR5	Abidjan ACC						N	
EGYPT Cairo 300715N 312354E 300621N 312439E 300621N 312439E	AR3	Cairo ACC			MI (A/C)	250		I	
Hurghada 270319N 335025E	AR3	Cairo ACC			MI (A/C)	250			
Mersa Matruh 311810N 270831E		Cairo ACC			MI (A/C)	250			
Aswan 235830N 324636E		Cairo ACC			MI (A/C)	250			
Asyut 270332N 310108E		Cairo ACC			MI (A/C)	2550			
ERITREA Asmara	AR3	Asmara ACC						N	
ETHIOPIA Addis Ababa	AR3	Addis Ababa ACC						F<- 2002	
GHANA Accra	AR5	Accra ACC			I(A/C)	250		N	
Tamale		Accra ACC			I(A/C)	250			
GUINEA/ LIBERIA/ SIERRA LEONE Robertsfield	AR5	Roberts FIC/ACC						N	
KENYA Nairobi	AR3	Nairobi ACC			I(A/C)	200		N	
LIBYAN ARAB JAMAHIRIYA Tripoli	AR3	Tripoli ACC						N	
MADAGASCAR Antananarivo	AR3	Antananariv						I--	

State/Location Etat/ Emplacement	AR	ATS unit served/ Organe ATS desservi	PSR	Coverage/ Couverture of/du PSR (NM)	SSR (A/C/S)	Coverage/ Couverture of/du SSR (NM)	ADS- B*	ADS- C	Remarks/ Remarques
1	2	3	4	5	6	7	8	9	10
Mogadishu		Mogadishu FIC						N	
SOUTH AFRICA	AR2 AR4								
Cape Town		Cape Town ACC			I(A/C)			N	
Johannesburg		Johannesbur g ACC Johannesbur g Oceanic			I(A/C)			I	
SPAIN (Canarias)	AR1								
Gran Canaria		Canarias ACC			I(A/C)	200		I	5 radars on multi radar system
Lanzarote		Canarias ACC			I(A/C)	220		N	
Las Palmas		Canarias ACC			I(A/C)	150			
La Palma		Canarias ACC			I(A/C)	170*			*Between/Entr e 005□-210□
Tenerife		Canarias ACC			I(A/C)	120		N	
SUDAN Khartoum	AR3	Khartoum ACC						N	
TUNISIA	AR4								
Tunis PSR: 365135.417N 0101428.9293E Sidi Zid: 362829.0381N 0101929.0568E		Tunis ACC			MI (A/C)	250		N	
Akouada 035 53 37N 010 33 46E		Tunis ACC			MI (A/C)	250			
UGANDA Entebbe	AR3	Entebbe ACC						N	
UNITED REP. OF TANZANIA Dar Es Salaam	AR3	Dar Es						N	

State/Location Etat/ Emplacement	AR	ATS unit served/ Organe ATS desservi	PSR	Coverage/ Couverture of/du PSR (NM)	SSR (A/C/S)	Coverage/ Couverture of/du SSR (NM)	ADS- B*	ADS- C	Remarks/ Remarques
1	2	3	4	5	6	7	8	9	10
		Salaam ACC							
ZAMBIA Lusaka	AR4	Lusaka ACC						N	
ZIMBABWE Harare	AR4	Harare ACC			I(A/C)			N	