

**AFI RVSM STRATEGY/ACTION PLAN FOR IMPLEMENTATION
OF REDUCED VERTICAL SEPARATION MINIMA
IN THE AFRICA-INDIAN OCEAN REGION**

MAY 2007



AFI RVSM IMPLEMENTATION STRATEGY/ACTION PLAN

ID	Description	Target Date	Status	Resources	Remarks
	Program Management				
1	<u>Agree on structure of TF to enable efficient handling of specialist technical tasks</u>	21/11/03	Completed	Secretariat Support Team: ASECNA, SA, IATA, Kenya, Nigeria, Tunisia	Completed 21 Nov 2003
2	RVSM SIP Report	21/11/03	Completed	RVSM/ITF2	Completed 21 Nov 2003
3	RVSM/RNAV/RNP TF/2 Meeting	21/11/03	Completed	RVSM/ITF2	Completed 21 Nov 2003
4	Identify resources for performing specialist technical tasks	21/11/03	Completed	RVSM/ITF2	Completed 21 Nov 2003
5	Investigate methods of funding any outside assistance required	31/03/04	On going	ICAO/IATA	To address future funding as/when required
6	Finalize the RVSM Implementation Strategy/ Action Plan	31/12/03	Completed	ICAO	Sent 05 Dec 2003
7	Circulate RVSM Implementation Strategy/Action Plan for comments from States	5/01/04	Completed	ICAO	Sent 05 Dec 2003
8	a) Doc 7030 amendment Proposal b) Circulate proposal to States c) ANC Approval	Submitted to ANC in March 2007	Completed Completed <u>In progress</u>	ICAO ICAO ICAO	Expected approval May 2007
9	States comments on RVSM implementation Strategy/Action Plan	31-3/04	Completed		
10	Regional RVSM informational Website	31/03/04	Completed		www.icao.int/esaf/RVSM
11	RVSM Seminar/RVSM ITF3	19-22/04/04	Completed		

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12	RVSM Seminar /RVSM/ITF/4	26-30/07/04	Completed		
13	Coordination and harmonization of procedures with adjacent Regions	In Progress	In Progress	ICAO and AFI RMA	Continuous contact
14	States to send AIC to notify their intention to Implementation of RVSM	Oct 05	In Progress	ICAO/States	Continuous
15	Determine target AIRAC implementation date (AIP Supplement to be published)	TBD	In progress	ICAO/States	Reviewed every TF meeting
16	Regional RVSM implementation status reports	In Progress	In Progress	ICAO	Monthly Report to website
17	State Readiness Assessment,	October 2006	In Progress	ICAO	Reviewed every TF meeting
18	RVSM/ARTF/5	15-16/11/04	Completed		
19	RVSM/ARTF/6	25-27/05/05	Completed		
20	RVSM/ARTF/7 ATS/AIS/SAR/SG/8	08-09/08/05 10-12/08/5	Completed Completed		
21.	RVSM/ARTF/8 and RVSM Seminar	10 – 14 October 2005	Completed		
22.	RVSM/ARTF/9 meeting	April 06	Completed		
23.	RVSM TF/10 meeting and GO/Delay meeting	June 06	Completed		
24	Publish Trigger NOTAM	TBD	Pending	States	States to be advised of date
25	Develop/Publish National SWOP	October 06	In Progress	States	SWOP sent to States

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26	RVSM Task Force 11 Meeting	30/11-1/12/06	Completed	All	Nairobi
Aircraft Operations and Airworthiness					
27	Regional OPS/Airworthiness RVSM Guidance	21/11/03	Completed		
28	Develop regional Pilot Training RVSM Guidance Material	30/04/04	Completed	IATA	Sent to Operators for action May 2004.
29	Provide pilot training RVSM guidance material to specific States	30 July 06	Completed		Sent to States
30	Aircraft Operational approval process guidelines	31/05/04	Completed		Sent to States
31	Aircraft RVSM Approval Survey	In progress	In progress	ICAO/States	Continuous and updated at every TF meeting
32	Ensure aircraft/operator approval process	In progress	In progress	ICAO/ARMA	Updated at every TF meeting
33	Ops/Airworthiness seminar	Nov 06	In progress	ICAO	Seminar to be coordinated with ICAO
Air Traffic Management					
34	National RVSM plan	31/03/04	On-going	States, ICAO	11 States have sign by August 2007. 2006.
35	National Safety Plan Validation Panel	March 06	Completed	NSPVP	Future validations ICAO/ARMA
36	APIRG/15 Consideration of TF Reports	25-30-9-05	Completed		
37	Regional ATC OPS Manual	Apr 06	Completed	States	States to incorporate in National documentation
38	Determine the limits of RVSM airspace	30/06/04	Completed	States/ICAO	
39	Regional ATC Training Program & Guidance Material	July 06	Completed	ASECNA/ATNS	Training institutions to incorporate elements highlighted by PISC

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40	Letters of Agreement/Procedure (LOA/LOP)	3 months before Time of switch over	In progress	States	States to incorporate RVSM procedures.
41	Civil/Military coordination	Continuous	In progress	States	In National RVSM Plan
42	National RVSM Regulatory Material	October 06	In progress	States	States to publish
43	Collect weather and turbulence data for analysis	On Going	In progress	ARMA ICAO/States	ARMA to Collate
RVSM Safety Assurance					
44	State Implementation of CNS infrastructure to support provision of ATC Service in the AFI RVSM airspace	Sept. 2006	In progress	States of Angola, DRC and Sudan	Reviewed at every TF meeting
45	Provision of ATC Service in the AFI RVSM Airspace	October 2006	In progress	All States	Reviewed at every TF meeting
46	Conduct data collection and compile readiness assessment	In progress	In progress	ARMA/States	States to continue supplying data as required by ARMA to support Safety Assessments
47	Develop AFI RVSM Safety Policy	30/06/04	Completed	States	States to ensure publication
48	a) Submit final NSP's after validation comments have being taken into account	October 06	Completed	States	11 States not finalized their NSP expected in August 2007
	b) Conduct NSP workshops facilitated by ATC experts	July 05	Completed		

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	c) Once NSP's are implemented, DCA's to confirm State readiness to Implement RVSM in writing d) Update State readiness document	Subject to State implementation status	In progress	States	Reviewed at every TF meeting.
		October 06	In progress	ICAO	TF/11 to review progress
49	RVSM Functional Hazard Assessment (FHA)	4-8/04/05	Completed		
50	Validate Functional Hazard Assessment	31/05/05	Completed		
51	RVSM Collision Risk Assessment II	Oct 06	In progress	ARMA/ICAO/IA TA/Consultants	CRA II expected in August 2007
52	Validate Collision Risk Assessment	TBD	To Be Advised (TBA)	Core Team	
53	AFI Pre-Implementation Safety Case Development	TBD	In Progress	ARMA/ICAO/IA TA/Consultants	To be reviewed at TF/13 in September 2007
54	AFI Pre-Implementation Safety Case: APIRG/ANC	TBD	In Progress		PISC approval and Doc7030 by ANC
55	RVSM Implementation date	TBD	TBA		To be determined at TF/13 after consideration of completion strategy/action Plan activities and activity No.54
56	Improved incident reporting and investigation to reduce incident rates to support positive CRA results	With Immediate Effect	In progress	States	States to provide record of incidents and remedial action for Safety Assessments

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	Monitoring Agency				
57	Evaluate options for setting up AFI RMA	21/11/03	Completed		
58	Identify an AFI RMA	21/11/03	Completed		
59	Establish an AFI RMA.	31/03/04	Completed		
60	Validate State readiness template	15/11/04	Completed		
	Post Implementation Safety Case (POSC)				
61	Data collection to continue for submission to ARMA	Monthly	In Progress	States	Data Collection to Continue after implementation
62	Evaluate system safety after implementation	6, 12 and 24 months	TBA	ARMA/ICAO	Compliance with AFI policy
63	Monitor system safety in adjacent Regions	Continuous	In Progress	ARMA/ICAO	
