

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

**MARCH 2006**

**Prepared by the Secretary of the RVSM/TF**

**AFI RVSM IMPLEMENTATION STRATEGY/ACTION PLAN**

<b>ID</b>	<b>Description</b>	<b>Target Date</b>	<b>Status</b>	<b>Resources</b>	<b>Remarks</b>
<b>Program Management</b>					
<b>1</b>	<b>Agree on structure of TF to enable efficient handling of specialist technical tasks</b>	<b>21/11/03</b>	<b>Completed</b>	<b>Secretariat Support Team: ASECNA, SA, IATA, Nigeria, Tunisia</b>	<b>Completed 21 Nov 2003</b>
<b>2</b>	<b>RVSM SIP Report</b>	<b>21/11/03</b>	<b>Completed</b>	<b>RVSM/ITF2</b>	<b>Completed 21 Nov 2003</b>
<b>3</b>	<b>RVSM/RNAV/RNP TF/2 Meeting</b>	<b>21/11/03</b>	<b>Completed</b>	<b>RVSM/ITF2</b>	<b>Completed 21 Nov 2003</b>
<b>4</b>	<b>Identify resources for performing specialist technical tasks</b>	<b>21/11/03</b>	<b>Completed</b>	<b>RVSM/ITF2</b>	<b>Completed 21 Nov 2003</b>
<b>5</b>	<b>Investigate methods of funding any outside assistance required</b>	<b>31/03/04</b>	<b>Completed</b>	<b>ICAO/IATA</b>	<b>To address future funding as/when required</b>
<b>6</b>	<b>Finalize the RVSM Implementation Strategy/ Action Plan</b>	<b>31/12/03</b>	<b>Completed</b>	<b>ICAO</b>	<b>Sent 05 Dec 2003</b>
<b>7</b>	<b>Circulate RVSM Implementation Strategy/Action Plan for comments from States</b>	<b>5/01/04</b>	<b>Completed</b>	<b>ICAO</b>	<b>Sent 05 Dec 2003</b>
<b>8</b>	<b>a) Doc 7030 amendment Proposal b) Circulate proposal to States c) ANC Approval</b>	<b>01/06/04 15/06/04 May 06</b>	<b>Completed Completed In Progress</b>	<b>ICAO ICAO ICAO</b>	<b>* Completed 31 May * Approval draft by (TF/6) *Approval final draft by TF/9 April 2006</b>
<b>9</b>	<b>States comments on RVSM implementation Strategy/Action Plan</b>	<b>31/-3/04</b>	<b>Completed</b>	<b>States, ICAO RVSM/ITF3</b>	<b>Completed 31 March 04</b>
<b>10</b>	<b>Regional RVSM informational Website</b>	<b>31/03/04</b>	<b>Completed</b>	<b>IACO/IATA/States</b>	<b>Completed 1 Feb 04</b>

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11	RVSM Seminar/RVSM ITF3	19-22/04/04	Completed	ICAO	Completed on Time
12	RVSM Seminar /RVSM/ITF/4	26-30/07/04	Completed	ICAO/RVSM ITF/4	Completed on Time
13	Coordination and harmonization of procedures with adjacent Regions	Ongoing	Ongoing	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	Confirm target AIRAC implementation date (AIP Supplement to be published)	Jun 06	In progress	ICAO/States	TF10 to review requirement
16	Regional RVSM implementation status reports	Ongoing	Ongoing	ICAO	Monthly
17	State Readiness Assessment, CRA, PISC	March 2006	In Progress	ICAO	NSPVP TF/9
18	RVSM/ARTF/5	15-16/11/04	Completed	ICAO/RVSM ITF/5	
19	RVSM/ARTF/6	25-27/05/05	Completed	ARTF/6	
20	RVSM/ARTF/7 ATS/AIS/SAR/SG/8	08-09/08/05 10-12/08/5	Completed Completed	ARTF/7 ATS SG/8	
21.	RVSM/ARTF/8 and RVSM Seminar	10 – 14 October 2005	Completed		
22.	RVSM/ARTF/9 meeting	April 06	In Progress	ARTF	
23.	RVSM TF/10 meeting and GO/NO GO meeting	June 06	In Progress	States and Stakeholders	Dakar 26-30 June 2006

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ID	Description	Target Date	Status	Resources	Remarks
24	Publish Trigger NOTAM	June 06	In Progress	States	TF/10 and GO/NO GO meeting to confirm date
25	Develop switch over plan	Apr 06	On Going	ICAO/ARMA	TF9
<b>Aircraft Operations and Airworthiness</b>					
26	Regional OPS/Airworthiness RVSM Guidance Doc	21/11/03	Completed	ICAO	Sent 05 Dec 2003 to states for action.
27	Develop regional Pilot Training RVSM Guidance Material	30/04/04	Completed	IATA	Sent to States for action May 2004.
28	Aircraft Operational approval process guidelines	31/05/04	Completed	States, ICAO	Sent to States for action June 2004.
29	Aircraft RVSM Approval Survey	On Going	In progress	ICAO/States	Continuous
30	Ensure aircraft/operator approval process	On Going	In progress	ICAO/ARMA	Airworthiness training to be provided for State authorities
<b>Air Traffic Management</b>					
31	National RVSM plan	31/03/04	Ongoing	States, ICAO	States to complete by June 2006.
32	National Safety Plan Validation Panel	March 06	In progress	NSPVP	
33	APIRG/15 Consideration of TF Reports	25-30-9-05	Completed	ICAO	
34	Regional ATC OPS Manual	Apr 06	On Going	ICAO	Update in progress
35	Determine the limits of RVSM airspace	30/06/04	Completed	States/ICAO	TF4 verified limits.
36	Regional ATC Training Program & Guidance Material	June 06	On Going	States	Instructor training completed. Refresher Retraining necessary for all ops staff

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37	Simulations to assess ATC workload and possible need for airspace/air route Sector changes				Core Team have determined that this is not required
38	Letters of Agreement	Apr 06	On Going	States	Updated LOA sent to States.
39	Military aviation preparation	March 06	In progress	States	In National RVSM Plan States to publish
40	National RVSM Regulatory Material	March 06	In progress	States, ICAO	
41	States assess the impact of RVSM implementation on controller automation systems and plan for upgrades/ modifications	Sept 05	In progress	States	In National Plan
42	Collect weather and turbulence data for analysis	On Going	On Going	ARMA ICAO/States	TF/9
43	a) States to conduct local ATC RVSM training b) Re-training for all operational Staff	May 06 July 2006	In progress	States	TF/10 and GO/NO GO meeting June 2006
<b>RVSM Safety Assurance</b>					
44	Conduct preliminary data collection and readiness assessment	On Going	In progress	ARMA/ICAO	Ongoing
45	Develop AFI RVSM Safety Policy	30/06/04	Completed	RVSM/ARTF4	Sent to States for publication July 2004.
46	a) Develop National RVSM Safety Plan b) Conduct NSP workshops facilitated by ATC experts	30/06/04 July 05	Completed Completed	ICAO ICAO /IATA/ATNS/ASE CNA	Sent to States for Action July 2004. Nairobi & Dakar July 2005

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	c) Submit NSP's for validation	March 06	In Progress	States	TF9
	d) Submit final NSP's after validation comments have being taken into account	March 06	<del>On Going</del>	States	TF9
	e) Once NSP's are implemented, DCA 's to confirm State readiness to Implement RVSM in writing	June 06		States	TF10
	f) Update State readiness document	June 06	<del>On Going</del>	ICAO	TF9
47	RVSM Functional Hazard Assessment (FHA)	4-8/04/05	Completed	ARMA/ICAO	3 FHA meetings conducted Final FHA 4-8/04/05. Report Completed May 2005 and adopted.
48	Validate Functional Hazard Assessment	31/05/05	Completed	RVSM ARTF/6	TF/6/25-27/05/05
49	Update activities on NSPVP, PISC, CRA, Doc.7030	Apr 06	On Going	ICAO	TF/9
50	RVSM Collision Risk Assessment	March 06	In progress	ARMA/ICAO/ IATA	Revised methodology required
51	Validate Collision Risk Assessment	June 06	In progress	Core Team	TF/10
52	Develop AFI Pre-Implementation Safety Case	June 06	In Progress	Core Team	TF9 review PISC progress
53	AFI Pre-Implementation Safety Case: APIRG/ANC	May 06	In Progress	ARPO/ANC/IATA	
54	RVSM Implementation	28/09/06		States	Tentative target date.
<b>Monitoring Agency</b>					
55	Evaluate options for setting up AFI RMA	21/11/03	Completed	RVSM/ITF2	Completed on time
56	Identify an AFI RMA	21/11/03	Completed	RVSM/ITF/2	Completed on time

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57	Establish an AFI RMA.	31/03/04	Completed	South Africa/ICAO	Completed on time
<b>Post Implementation Safety Case (POSC)</b>					
58	Validate implementation readiness template	15/11/04	Completed	ICAO/ARMA	
59	Data collection to continue for submission to ARMA	Monthly	In Progress	States	
60	Evaluate system safety after implementation plus 3, 6, 12 and 24 months			ARMA	
61	Monitor system safety in adjacent Regions			ARMA	

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