

**STEP-BY-STEP APPROACH FOR PLANNING ATM REQUIREMENTS AND CNS
 INFRASTRUCTURE IN THE MID REGION**

STEPS	STATUS	REMARKS
Step 1. Identify homogeneous ATM areas and/or major international traffic flows.	Actioned	MID Plan page: 41.
Step 2. List the ICAO Region(s), flight information region(s) and State(s) involved in the homogenous ATM areas and/or major international traffic flows).	Actioned	MID Plan page: 1.
Step 3. Carry out air traffic forecasts and ascertain airspace user needs.	Ongoing	To be updated.
Step 4. Evaluate the current infrastructure of the areas identified in Step 2 in terms of:		
a) ATM limitations and shortcomings;	Actioned.	MID Plan pages: 39-40.
b) separation standards; and	Actioned.	MID Plan pages: 41-42.
c) CNS availability.	Actioned.	MID Plan pages: 39-40.
Step 5. Determine the ATM objectives and requirements for the areas identified in Step 2.	Actioned.	MID Plan pages: 41-42, and pages: 68-70.
Step 6. Establish CNS requirements necessary to support the desired ATM objectives identified in Step 5.	Actioned.	MID Plan pages: 71-78.
Step 7. Analyse the benefits/improvements resulting from Steps 5 and 6 in order to establish:		
a) costs/benefits;	As required.	
b) relative priority; and	Initiated.	
c) implementation dates of the various ATM objectives and CNS facilities for each of the homogenous ATM areas and/or major international traffic flows.	Actioned.	a) ACAS II; b) RNP/RNAV; c) RVSM; and d) GNSS.
Step 8. Considering the many technical solutions and implementation options available, repeat as necessary Steps 5, 6 and 7 to determine the most appropriate solution.	Ongoing.	
Step 9. Examine the possibilities of funding implementation of the CNS/ATM systems infrastructure for States requiring financial assistance.	Initiated.	MIDANPIRG/5, Decision 5/34.
Step 10. Determine means and methods of cost recovery.	Ongoing.	As indicated above in Step 9.
Step 11. Establish a framework to interface with all the CNS/ATM partners on a continuing basis to ensure the harmonious and integrated implementation of CNS/ATM systems in homogenous areas and/or along major international traffic flows.	Initiated/ongoing.	
