

APPENDIX E2

AFI REGIONAL PERFORMANCE OBJECTIVES/NATIONAL PERFORMANCE OBJECTIVES FOR PBN

AFI REGIONAL PERFORMANCE OBJECTIVES/NATIONAL PERFORMANCE OBJECTIVES OPTIMIZATION OF THE ATS ROUTE STRUCTURE IN EN-ROUTE AIRSPACE				
Benefits				
Environment	<ul style="list-style-type: none"> reduction in gas emissions 			
Efficiency	<ul style="list-style-type: none"> ability of aircraft to conduct flight more closely to preferred trajectories 			
Safety	<ul style="list-style-type: none"> increase in airspace capacity facilitate utilization of advanced technologies (e.g., FMS-based arrivals) and ATC decision support tools (e.g., metering and sequencing), thereby increasing efficiency 			
Strategy				
ATM OC COMPONENTS	TASKS	TIMEFRAME START-END	RESPONSIBILITY	STATUS
AOM	<i>En-route airspace</i>	2008		
	<ul style="list-style-type: none"> develop regional implementation plan 	2008-2009	AFI PBN TF	Completed
	<ul style="list-style-type: none"> develop regional action plan 	2009-2010	AFI PBN TF	Completed
	<ul style="list-style-type: none"> develop airspace concept based on AFI PBN regional implementation plan, in order to design and implement a trunk route network, connecting major city pairs in the upper airspace and for transit to/from aerodromes, on the basis of PBN, e.g. RNAV 10 and RNAV 5, and taking into account interregional harmonization 	2009-2012	AFI PBN TF/States	In progress
	<ul style="list-style-type: none"> harmonize national and regional PBN implementation plans 	2010-2016	AFI PBN TF/States	On-going
	<ul style="list-style-type: none"> develop performance measurement plan 	2010-2012	States	In progress
	<ul style="list-style-type: none"> formulate safety plan 	2010-2012	States	To be developed
	<ul style="list-style-type: none"> establish collaborative decision making (CDM) process 	2010	States	In progress
	<ul style="list-style-type: none"> publish national regulations for aircraft and operators approval using PBN manual as guidance material 	2010-2011	States	To be developed
	<ul style="list-style-type: none"> identify training programmes and develop corresponding guidelines 	2010-2011	AFI PBN TF/States	Not started
	<ul style="list-style-type: none"> identify training needs and develop corresponding guidelines 	2010-2011	States	In progress
	<ul style="list-style-type: none"> formulate system performance monitoring plan 	2010	AFI PBN TF/States	To be developed
	<ul style="list-style-type: none"> implementation of ATS routes en-route 	2010-2012	AFI PBN TF/States	In progress

	<ul style="list-style-type: none">• monitor implementation progress in accordance with AFI PBN implementation plan and State implementation plan.	2010 and beyond	AFI PBN TF/States	On-going
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