APPENDIX E4

**AFI REGIONAL PERFORMANCE OBJECTIVES/NATIONAL
PERFORMANCE OBJECTIVES FOR PBN**

OPTIMIZATION OF VERTICALLY GUIDED RNP APPROACHES				
Benefits				
Environment Efficiency Safety	• reduction in gas emissions • increased accessibility to aerodromes, including continuity of access • increased runway capacity • reduced pilot workload • availability of reliable lateral and vertical navigation capability			
Strategy				
ATM OC COMPONENTS	**TASKS**	**TIMEFRAME START-END**	**RESPONSIBILITY**	**STATUS**
AOM	***Terminal airspace***	2008		
	• develop regional implementation plan	2008 – 2009	AFI PBN TF	Completed
	• develop regional action plan	2009-2010	AFI PBN TF	Completed
	• develop State PBN implementation plan	2009 – 2010	States	Implementation on a continuous basis
	• develop airspace concept based on AFI PBN implementation plan, in order to design and implement RNP APCH with Baro-VNAV in accordance with Assembly resolution A36-23, and RNP AR APCH where beneficial	2009 – 2012	AFI PBN TF/States	Implementation on a continuous basis
	• develop performance measurement plan	2010-2012	States	Implementation on a continuous basis
	• formulate safety plan	2010-2012	States	To be developed
	• establish collaborative decision making (CDM) process	2010	States	Implementation on a continuous basis
	• publish national regulations for aircraft and operators approval using PBN manual as guidance material	2010-2011	States	To be developed
	• identify training programmes and develop corresponding guidelines	2010-2011	AFI PBN TF/States	To be developed
	• identify training needs and develop corresponding guidelines	2010-2011	States	Implementation on a continuous basis
	• implementation of APV procedures	2010 - 2016	AFI PBN TF/States	Implementation on a continuous basis
	• Formulate system performance monitoring plan	2010	AFI PBN TF/States	To be developed
linkage to GPIs	GPI/8: collaborative airspace design and management; GPI/10: terminal area design and management; GPI/11: RNP and RNAV SIDs and STARs; GPI/12: FMS-based arrival procedures			