

1. AIR NAVIGATION REPORT FORM (ANRF)

NAM/CAR Regional Planning for ASBU Modules

2. REGIONAL/NATIONAL PERFORMANCE OBJECTIVE – B0-65/APTA: Improved Flexibility and Efficiency in Descent Profiles (CDO) Optimization of Approach Procedures including Vertical Guidance Performance Improvement Area 1: Airport Operations					
3. ASBU B0-65/APTA: Impact on Main Key Performance Areas (KPA)					
	Access & Equity	Capacity	Efficiency	Environment	Safety
Applicable	Y	Y	Y	Y	Y

4. ASBU B0-65/APTA: Planning Targets and Implementation Progress	
5. Elements	6. Targets and implementation progress (Ground and Air)
1. APV with Baro VNAV	Dec 2016 / SENEAM and Users
2. APV with WAAS	5 stations currently available, procedures to be developed and approved for use in 12 main airports. Dec 2016 / SENEAM and Users

7. ASBU B0-65/APTA: Implementation Challenges				
Elements	Implementation Area			
	Ground System Implementation	Avionics Implementation	Procedures Availability	Operational Approvals
1. APV with Baro VNAV	N/A	Aircraft equipage	Creation of PBN based STARS	ATCOs and flight crew training
2. APV with WAAS	Installing of enough ground stations to cover 12 main airports	Aircraft equipage	Creation of PBN based STARS	ATCOs and flight crew training

8. ASBU B0-65/APTA: Performance Monitoring and Measurement	
8A. ASBU B0-65/APTA: Implementation Monitoring)	
Elements	Performance Indicators/Supporting Metrics
3. APV with Baro VNAV	Percentage of flights landing in marginal weather conditions / Number of flights landing in marginal weather conditions
4. APV with WAAS	

8. ASBU B0-65/APTA: Performance Monitoring and Measurement	
8 B. ASBU B0-65/APTA: Performance Monitoring	
Key Performance Areas	Metrics (if not indicate qualitative Benefits)
Access & Equity	Number of aerodromes with APV
Capacity	Number of landings before and after APV
Efficiency	Kg of fuel saved per flight
Environment	Reduced emissions as a result of reduced fuel burn (IFSET)
Safety	More consistent flight paths and stabilized approach paths. Reduction

8. ASBU B0-65/APTA: Performance Monitoring and Measurement
8 B. ASBU B0-65/APTA: Performance Monitoring

Key Performance Areas	Metrics (if not indicate qualitative Benefits)
	in the incidence of controlled flight into terrain (CFIT)
