

RVSM SEMINAR: 19 – 21 APRIL 2004 (Nairobi)

Day 1

08h30 Registration

09h45 Welcome Remarks

10h00 INTRODUCTION INTO RVSM

- 1 Background
- 2 Need for RVSM
- 3 APIRG Decision
- 4 AFI RVSM Strategy
- 5 AFI RVSM Task Force

11h00 COFFEE

11h15 AFI RVSM Program

- 1 AFI RVSM Implementation Plan
- 2 National RVSM Implementation Plan
- 3 AFI RVSM Program Office
- 4 National RVSM Programs
- 5 RVSM Program Assumptions
- 6 RVSM Program Dependencies
- 7 RVSM Program Risk Assessment
- 8 AFI RVSM Airspace
- 9 AFI RVSM Transition Airspace
- 10 AFI RVSM Interface with Adjacent Regions
- 11 ICAO Table of Cruising Levels for AFI RVSM
Airspace
- 12 Stakeholder Responsibility and Commitment
- 13 RVSM Awareness Program

13h00 LUNCH

14h00 OPERATOR REQUIREMENTS & AIRWORTHINESS

Aircraft

- 1 Aircraft Equipment
- 2 Aircraft Operating Restrictions
- 3 Primary/Standby Altimeters and Errors
- 4 Aircraft Height-Monitoring System
- 5 Aircraft Approval Process
- 6 Aircraft Certification
- 7 ACAS

15h00 COFFEE

15h15 Aircrew

- 8 RVSM Airspace Criteria
- 9 Flight Crew Procedures
- 10 Flight Planning
- 11 Pre- and Post Flight Procedures
- 12 Procedures prior to RVSM airspace entry
- 13 In-Flight Procedures
- 14 Changing Levels
- 15 Automatic Altitude-Control System
- 16 Altitude-Alerting System
- 17 Altitude-Reporting Transponder
- 18 RVSM Airspace Contingency Procedures
- 19 Height-Keeping System Malfunction Log Entries
- 20 Flight Crew Training

Day 2

09h00 FLIGHT OPERATIONS WITHIN AFI RVSM AIRSPACE

- 1 State Aircraft in AFI RVSM Airspace
- 2 Aircraft Transition To/From AFI RVSM Airspace
- 3 Cruising Levels Appropriate to Direction of Flight
- 4 In-Flight Contingency Procedures
- 5 Communication Failure Procedures
- 6 Compulsory Reporting Points

10h30 COFFEE

11H00 AIR TRAFFIC MANAGEMENT

- 1 Optimization of ATS Routes
- 2 ATC Sectorisation
- 3 ATM Options for RVSM Transition
- 4 Laterally Spaced, Uni-Directional ATS Routes
- 5 Flight Level Allocation Scheme
- 6 ATC Clearances
- 7 ATC Procedures
- 8 ATC Phraseology
- 9 ATC Training
- 10 Inter-Centre Letters of Agreement
- 11 Inter-Centre Coordination

12h30 LUNCH

14h00 AIR TRAFFIC SYSTEMS

- 12 Flight Data Processing Systems;
- 13 Radar Display Systems
- 14 Flight Strips
- 15 Online Data Interchange
- 16 Short Term Conflict Alert and Medium Conflict Alert
- 17 Flight Planning

DAY 3

09h00 RVSM SAFETY ASSURANCE

- 1 Overall Safety Requirements
- 2 RVSM Safety Management
- 3 Stakeholder Responsibilities
- 4 Development Phases of Overall RVSM Safety Case
- 5 ICAO RVSM Target Level of Safety (TLS)

10h30 COFFEE (Cnt)

RVSM SAFETY ASSURANCE

- 09 ATM and Safety Objective
- 10 RVSM Safety Policy
- 11 RVSM Safety Objectives
- 12 RVSM Safety Policy Deliverables
 - RVSM Functional Hazard Report
 - Collision Risk Assessment Report
 - National Safety Plan
- 13 Switch-Over Planning CVSM to RVSM
- 14 Switch-Over Risk Analysis

12h30 LUNCH

14h00 HEIGHT MONITORING

- 1 Standards and Operation of RMA
- 2 RVSM Approval Database
- 3 Monitoring Aircraft Height-Keeping Performance
- 4 Pre-Implementation Technical Height Monitoring Requirements
- 5 Aircraft Height Keeping Performance Statistics
- 6 Safety and Readiness Assessments
- 7 Safety Reporting and Monitoring Operator Compliance
- 8 RMA Duties and Responsibilities

15h00 COFFEE

15h15 HEIGHT MONITORING (Cnt)

- 09 States and Cognizant RMAs
- 10 Maintenance of State Approvals
- 11 Minimum Monitoring Requirements
- 12 Altimetry System Error Data and Analysis
- 13 HMU and GMU Monitoring Systems

16h00 AIRLINE PERSPECTIVE – IATA

16h30 CLOSING