

CAR/SAM Regional Guidance Material on Air Traffic Services Quality Assurance Programmes

CAR/SAM Air Traffic Services Quality Assurance Programmes
Seminar

South American Regional Office

CAR/SAM Air Traffic Services Quality Assurance Programmes Seminar
(Lima, Perú, 15 to 18 october 2002)



INTERNATIONAL CIVIL AVIATION ORGANIZATION

SOUTH AMERICAN REGIONAL OFFICE

CAR/SAM REGIONAL GUIDANCE MATERIAL ON

AIR TRAFFIC SERVICES

QUALITY ASSURANCE PROGRAMMES

Chapter 9

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Proficiency Training Programmes

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Chapter 9. Proficiency Training Programmes

■ Introduction

- Proficiency training is necessary to maintain and update the knowledge and skills necessary to apply air traffic control procedures in a safe and efficient manner
- Proficiency training includes:
 - Refresher training
 - Supplemental training
 - Skill enhancement
 - Remedial training





Chapter 9. Proficiency Training Programmes

- May be accomplished in many different ways
 - External
 - Internal (local/in-house/in proficiency training)
 - Most practical and efficient
 - Train staff as instructors (may involve external training)
 - After returning from training they would train others to become instructors (train-the-trainer)
 - Proficiency training may include:
 - Training videos
 - Discussions/briefings
 - Operational procedures
 - Emergency procedures
 - Coordination procedures
 - Separation minima
 - ATS incidents
 - Contingency procedures
 - Effects of volcanic ash to aviation



Chapter 9. Proficiency Training Programmes

- **Proficiency training**
 - **Is required for:**
 - **All ATS operational personnel (supervisors and controllers)**
 - **Support personnel who maintain operational currency**
 - **Purpose**
 - **Maintain and upgrade knowledge and skills necessary to apply air traffic control procedures in safe and efficient manner**
 - **Training needs will vary between different ATS units**
 - **Describe proficiency training programme in ATS unit directive**
 - **Annual schedule of proficiency training requirements**
 - **Document training provided in controller's training record**



Chapter 9. Proficiency Training Programmes

- Types of proficiency training
 - Refresher training
 - Recurring training conducted to maintain and update previously learned knowledge and skills
 - Supplemental training
 - Training administered to ATS operational personnel prior to implementation of new/revised procedures, regulations, equipment



Chapter 9. Proficiency Training Programmes

- Types of proficiency training (cont.)
 - Skill enhancement training
 - Training assigned, normally by the supervisor, when it is determined that a need exists to increase the skill(s) of a controller in a position on which he/she is certified
 - Remedial training
 - Training assigned to correct specific performance deficiencies



Chapter 9. Proficiency Training Programmes

Refresher training topics

- Unusual situations
- Infrequently used procedures
- Safety alerts/traffic advisories
- Wake turbulence
- Line up and wait procedures
- Deicing procedures
- Bird activity information
- Strayed or unidentified aircraft orientation
- Interception of civil aircraft
- Meteorology procedures for ATC
- Radar backup systems
- ATS contingency plan procedures
- Effects of volcanic ash to aviation
- Coordination procedures
- Civil/military coordination/joint use airspace
- Separation minima
- Radar vectoring techniques
- Speed control techniques
- Situational awareness
- ATS incident reduction
- Aircraft performance and characteristics
- ATC communications
- Prevention of runway incursions
- Special VFR operations
- Level assignment
- Local manual of operations
- Letters of agreement
- Arrival/departure procedures
- Weather
- Noise abatement
- ATS unit file/life safety procedures



THE END

THANK YOU