भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

AIR NAVIGATION SERVICES

DIRECTORATE OF AIR TRAFFIC MANAGEMENT
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ATMC

AIR TRAFFIC MANAGEMENT CIRCULAR NO. 2 of 2011

Advanced-Surface Movement Guidance and Control System (A-SMGCS)/ Surface Movement Radar (SMR) Training and Rating

1. Introduction

1.1 Advanced-Surface Movement Guidance and Control Systems (A-SMGCS)/ Surface Movement Radar (SMR) aims to help in the detection and display of the movement of all aircraft and vehicles on the manoeuvring area in a clear and unambiguous manner, especially during reduced visibility conditions or at night hours, when traffic may be difficult to detect and identify with the naked eye from the Aerodrome Control Tower, particularly at large distances and/or with a restricted view. To enable the safe and efficient use of the A-SMGCS / SMR tools, aerodrome controllers shall have to be properly trained and rated.

2 Purpose

2.1 Purpose of this ATMC is to describe the training & rating requirements of ATCOs who either already hold an Aerodrome Control Rating or are being trained towards the grant of an Aerodrome Control Rating.

3 Scope

3.1 This ATMC is applicable to all Air Traffic Controllers working at various AAI airports wherever A-SMGCS /SMR is available.

4 Eligibility for A-SMGCS/SMR Rating:

4.1 The ATCOs who either have acquired Aerodrome Control Rating of that airport or are being trained towards the grant of an Aerodrome Control Rating.

5. A-SMGCS/SMR Training:

5.1 Pre-On-the-Job Training:

5.1.1 Pre-OJT will be locally based training comprising of:

i) Understanding of A-SMGCS /SMR equipment and limitations;

ii) A-SMGCS /SMR setting procedures

iii) Standard operating procedures for A-SMGCS and local implementation issues, including co-ordination between Tower and Apron Management Service personnel (as applicable) and involvement of vehicle drivers;

iv) Interpretation of alerts where available and resolve conflict situations.

5.2 On-the-Job Training:

5.2.1 ATCOs who have acquired Aerodrome Control Rating:

5.2.1.1 OJT will be conducted under the supervision of a A-SMGCS/SMR rated Instructor / an experienced Aerodrome Controller not less than 1 year of experience in Aerodrome Control and A-SMGCS/SMR Operations.

5.2.1.2 OJT shall be comprised of integration of practice of previously acquired job-related routines and skills in live traffic situation. This shall include

- Building-up user confidence
- Use of A-SMGCS/SMR to optimise control activities.
- Resolution of alerts where available and taking action to resolve conflict situations.

5.2.1.3 When A-SMGCS/SMR is commissioned at an airport, the Executive Director (ATM), subject to recommendation of ATS In-charge, shall constitute a rating board to award rating in A-SMGCS/SMR. Subsequently such rated OJTI/controller shall impart training in A-SMGCS/SMR to other controllers.

5.2.1.4 The minimum period of OJT for ATCOs who have acquired Aerodrome Control Rating of that airport earlier, is 5 days or 10 hours whichever is longer.

5.2.2 OJT in A-SMGCS/SMR for ATCOs who are being trained towards the grant of an Aerodrome Control Rating:

5.2.2.1 OJT in A-SMGCS/SMR for ATCOs who are being trained towards the grant of an Aerodrome Control Rating shall be integrated within the prescribed period for OJT for Aerodrome Control Rating.

5.3 Examination for Procedures:

5.3.1 ATCOs who have acquired Aerodrome Control Rating:

5.3.1.1 After completion of OJT, the trainee will be required to pass a rating examination consisting of written, practical and oral.

5.3.1.2 On successful completion of written test, ATCO will be assessed by a local board comprising of ATS incharge, Jt GM (S&P)/ DGM(S&P) and Training Incharge /OJTI.

5.3.1.3 An ATCO who fails to qualify the written/practical and oral examination will be given one more chance. He/she may be considered for third chance if the rating board specifically so recommends.

5.3.2 **The ATCO who are being trained towards the grant of an Aerodrome Control Rating:**

5.3.2.1 The examination for A-SMGCS for the ATCOs who are being trained towards the grant of an Aerodrome Control Rating will be integrated with Aerodrome Control Rating. The examination for grant of Aerodrome control will also include required elements of testing of A-SMGCS/SMR. While granting the rating for Aerodrome Control Rating, they will be also granted rating for A-SMGCS/SMR.

6. Queries

6.1 Any queries or further guidance required on the contents of this ATMC should be addressed to:
Executive Director [ATM]
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Rajiv Gandhi Bhawan
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7. Validity

7.1 This ATMIC will remain in force until further notice.

[JYOTI PRASAD]
EXECUTIVE DIRECTOR [ATM]
AIRPORTS AUTHORITY OF INDIA
Dated: 18-03-2011