



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

DIRECTORATE OF AIR TRAFFIC MANAGEMENT

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ATMC

AIR TRAFFIC MANAGEMENT CIRCULAR NO. 07 of 2017

PROCEDURE FOR IMPLEMENTATION OF TWO-STREAM ATC RATING

1 Introduction:

- 1.1 As part of the initiatives to enhance safety and operational efficiency, it has been decided to implement Two Stream Rating System in lieu of Single Stream of Multiple Ratings. Initially, the Two Stream Rating System will be implemented for the Air Traffic Controllers posted at **Chennai, Delhi, Kolkata and Mumbai** ATC Centers.
- 1.2 Though the existing system of Single Stream of Multiple Ratings for an ATCO allows a flexibility of manpower utilization in shift, there is ever increasing training time and cost invested in a controller to meet the demanding requirement of proficiency in all the ATC Units. Further, faced with the requirement of manning various sectors/units with different operating characteristics on a rotational basis, the Controller's competency level in a particular unit or sector may also steadily decline with obvious safety implications.
- 1.3 Considering disadvantages of the present Single Stream of Multiple Rating System, with a view to enhance productivity of ATCO and safety of aircraft operations, it has been decided to implement Two Stream Rating System from 16th October 2017 consistent with the procedures detailed in this document.
- 1.4 The Two Stream ATC Rating System will lead to considerable reduction in ab-



initio and on the job training period, thereby, permitting increased availability of an ATCO for independent duties, Proficiency/skill levels of ATCOs with less number of Units to focus and excel in a particular ATC stream, reduced stress and fatigue levels for the controllers, all leading to enhanced safety and service levels.

2. Purpose:

2.1 Purpose of this ATMC is to provide guidance for implementation of two stream ATC rating system to ATS-In-Charges and information to all ATM, CAP, HR and Finance personnel.

3 Scope:

3.1 This ATMC is applicable to:

3.1.1 ATM personnel posted at Chennai, Delhi, Mumbai and Kolkata airports with regard to implementation of Two Stream ATC Rating System.

3.1.2 All ATM personnel with regard to Currency requirements and Periodical Surveillance Duties.

4 Classification:

4.1 Two Stream ATC Ratings System is classified as Terminal Stream [TERS] and Enroute Stream [ENRS]

4.1.1 Terminal Stream (TERS)

a) **Aerodrome Control Service** : Surface Movement Control, Aerodrome Control, Clearance Delivery, Aerodrome Surface Movement Guidance and Control.

b) **Approach Control Service** : Approach Control [Procedural], Approach Control [Surveillance] Radar/ ADS-B, Segregated Arrival Control, Departure Control, Sequencing, Control, Feeder Control etc.

4.1.2 En-Route Stream (ENRS)

a) **Area Control Service**: Area Control [Procedural] and Area Control [Surveillance] with multiple Sectors

b) **Oceanic Control Service**: Oceanic Control, ADS-C /CPDLC [Procedural], and Oceanic Control [Surveillance/ADS-B] with Multiple Sectors. JCAC (Joint Command and Control Centre) Service applicable only at Delhi Airport.

4.2 **AAI Board Decision of Two Stream Rating Implementation:** There are many ATC Centres across the country, where enroute and terminal controls units are available as defined above. However considering, the upcoming upper airspace harmonisation in four metro ATC centres and the