



AIRPORTS AUTHORITY OF INDIA
Department of Aerodrome Safeguarding

Rajiv Gandhi Bhawan, New Delhi-110003

[File No. AAI/ATM/DoAS/72/2019-Part]

AERODROME SAFEGUARDING CIRCULAR (ADSAC) 05 OF 2021

Subject: **Safeguarding of Unlicensed State Government and Private Owned Aerodromes**

1. Introduction

- 1.1. Govt. of India, Ministry of Civil Aviation through GSR-751(E), amended by GSR-770 (E) has assigned responsibility to AAI for issuance of NOC for height clearance for the civil aerodromes, licensed by DGCA.
- 1.2. Vide Rule 13 of GSR 751(E), amended by GSR 770(E), the State Government concerned has been entrusted the responsibility of protecting the Obstacle Limitation Surfaces (OLS) of the Unlicensed State Government and Private-owned Aerodromes.
- 1.3. Rule 13 further entrusts the responsibility to the Designated Officer (D.O) of Airports Authority of India to provide Guidance to the State Government concerned on the protection of the OLS, whenever such guidance is sought.
- 1.4. The said Rule does not contain any provision of protecting CNS or PANS-OPS criteria, presumably because such Unlicensed aerodromes are likely to be VFR aerodromes.
- 1.5. Further, it does not detail the mechanism through which the OLS are to be protected, unlike the process of issue of NOC for Licensed Airports. The State Government concerned is at liberty to devise its own mechanism for the purpose.

2. Recent Developments





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- 2.1 Department of Telecommunications (DoT), Government of India (GoI) has expressed concern over the large number of pending applications from various Telecom operators for the erection of Mobile Telecommunication towers, around the various Unlicensed State Government and Private-owned aerodromes, across the country.
- 2.2 It is also to be expected that several other stakeholders around such Unlicensed State Government and Private-owned aerodromes will be desirous of obtaining suitable permissions for the planned Top Elevations of their existing /proposed constructions.
- 2.3 Processing of such applications for height clearance not only facilitates the cause of the applicant, but also ensures that the aerodromes remain protected for safe flight operations, as also for the future expansion / upgradation, if any.

3. Purpose

- 3.1 This ADSAC will act as an advisory to State Governments concerned, who are desirous of availing the Guidance from AAI to protect the OLS of the Unlicensed State Government and Private-owned aerodromes under their Jurisdiction.
- 3.2 This ADSAC will detail the pre-requisites from the State Government concerned to enable the Designated Officer of AAI to provide Guidance in protecting the OLS of Unlicensed aerodromes.
- 3.3 This ADSAC will detail the manner in which the Designated Officers of Airports Authority of India shall provide Guidance to the State Government concerned, upon request.

2. Scope / Applicability





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2.1. This ADSAC applies to all the Designated Officers and other officers functioning under the various DoAS offices of Airports Authority of India. It will apply, in an Advisory manner, to all the State Governments desirous of obtaining Guidance from AAI, for the protection of OLS, under the provisions of Rule 13 of GSR 751(E). It will apply to SACFA, DoT, Ministry of Communications to the extent of para 7.

3. Cancellation

3.1. Nil

4. Effective date

4.1. This ADSAC will be effective from the date of its issue.

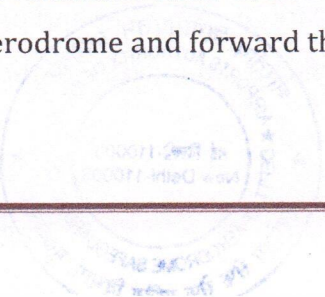
5. Responsibilities of the State Government Concerned

5.1. The State Government shall nominate a Nodal Officer to coordinate with the Designated Officer (D.O) concerned of AAI, as listed in Schedule VIII, Appendix M, as amended from time to time.

5.2. The State Government shall make available to the D.O, a Complete list of Unlicensed State Government and Private-owned aerodromes in the State.

5.3. The State Government shall make available to the D.O, a list of such aerodromes for which guidance from AAI is requested for protecting the OLS, vide Rule 13 of GSR 751(E).

5.4. In case any Private-owned aerodrome is included in the list of 5.3 above, the State Government shall obtain a request in this regard from the owner of the Private aerodrome and forward the same with its recommendation, to the D.O of AAI.





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5.5. The State Government, in respect of each of the aerodrome contained in 5.3 above, shall provide the following data to the D.O:

- a. Survey data of the aerodrome, not more than three years old, including the Rwy Dimensions, Rwy End Coordinates, Rwy End Elevations, Rwy longitudinal profile, Aerodrome Reference Point (ARP) Coordinates and Elevation.
- b. Plans for extension / widening of Rwy, if any.
- c. Plans for upgrading for Night Operations, if any.
- d. Plans for upgrading to IFR operations, if any, including proposed siting of CNS equipment.
- e. Details and Top elevation of high terrain in the aerodrome vicinity.
- f. Details of any structure / building that already exists in the aerodrome vicinity, in an area as required by the D.O.
- g. Any other data or information, as required by the D.O.

5.6 Approach the D.O of AAI with any change / updates to the data in 5.5. above arises, for suitable modification on the OLS Chart.

5.6 Set up a suitable mechanism to approve heights of various Structures / buildings that may come up within 15 Kms of the aerodrome, in coordination with the local municipal body.

5.7 Set up Information Technology infrastructure with suitable capacity to integrate with SARAL SANCHAR portal of DoT, to receive and process electronically, the applications for height clearances for Mobile Telecom Towers.

5.8 Inform the D.O in case any such airport is Licensed by DGCA at a later date or is likely to be included as an aerodrome for RCS Scheme.

6. Responsibilities of Airports Authority of India

6.1 Nominate a Nodal Officer to coordinate with the State Government and provide the necessary guidance for the protection of OLS. The Member (AGA) of the Station

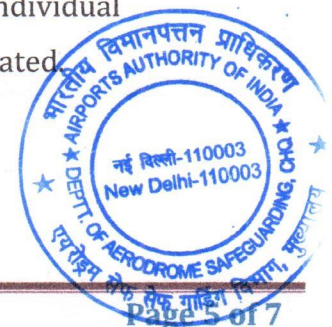




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/ Regional level NOC Committee may be nominated for this purpose. However, if the combined workload is expected to be high, a suitably qualified dedicated officer may be nominated for this purpose.

- 6.2 The Nodal officer shall do the needful in consultation with the D.O or other Members of the NOC Committee, as and when required.
- Upon receipt of the information as in 5 above, the Nodal Officer of AAI shall
- 6.3 Conduct Training sessions for those nominated by the State Government or Private aerodrome, including the officials of local bodies. These training sessions shall include
- a. The regulatory framework for Aerodrome Safeguarding – both on issuing building permits / height clearance NOCs and on the responsibility of the Airport Operator for Monitoring, Verification and Control of obstacles around an airport, in coordination with the local municipal bodies.
 - b. The processes that are adopted by AAI for issue of NOC and Control & Monitoring of obstacles around an airport.
 - c. The integration of SARAL SANCHAR Portal of SACFA with NOCAS and its working for issuing height clearance of Mobile telecom towers.
- 6.4 Prepare an OLS Chart indicating the permissible height in various areas, up to 15 Kms from the aerodrome.
- 6.5 Mark on the OLS Chart areas of suitable dimensions (similar to Grids on CCZM) with Maximum Permissible Top Elevations (PTE) indicated, that can be issued without individual assessment of the application. Also mark those areas, including Approach path, where it shall be compulsory for the stakeholders to apply for permission for any construction, irrespective of the Requested Top Elevation.
- 6.6 Methods to calculate PTE when carrying out assessment of individual applications, depending on the OLS in which the object is located.
- 6.7 Demonstrate Sample calculations in random cases.





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6.8 Share the format used by AAI for issuing NOCs and elucidate as required.

7. Responsibilities of SACFA, DoT, Ministry of Communications

7.1 SACFA shall nominate a Nodal Officer to interact with the State Governments concerned regarding:

- a. Technical help to set up and integrate the Information Technology Infrastructure for the State Government concerned.
- b. Trouble shooting of Integration of SARAL SANCHAR and State Government server, as and when required.
- c. Follow up with the State Government concerned regarding the backlog and progress in clearing the Mobile telecom tower applications for height clearance.
- d. Undertaking to the State Government (as is being done with AAI) that the mobile towers being temporary structures, will be removed or relocated, if a requirement arises in future, to that effect.

8. Validity: This ADSAC will remain valid till it is amended or withdrawn or incorporated in the Aerodrome Safeguarding Manual.

9. Document Control and feedback: This ADSAC has been issued by the office of ED (ATM-DoAS) with the concurrence of Directorate of CNS-OM, CNS-Planning, ASM and Planning. Any feedback, suggestion or the error in this document may be brought into the notice of GM (DoAS) at AAI CHQ at gmdoaschq@aai.aero.

Dated: 24/03/2021.



(Kalyan Chaudhury)

Executive Director (ATM-DoAS)



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Distribution:

1. All REDs/All APDs of AAI.
2. Chief Executive Officers of all Joint Venture Airports.
3. In-Charge of all licensed Private and State Govt. Airports including RCS Airports.
4. AAI website/nocas2.aai.aero/nocas
5. AIMS website.
6. File No. AAI/ATM/DoAS/72/2019



