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To,
Shri Sanjeev Kumar (I.A.S.)
Chairman Airports Authority of India,
Rajiv Gandhi Bhavan,
New Delhi 110003.

Sub: **Revisiting the NOCAS calculation on account of introducing the buffer of 5 Nautical Miles applied around the lower Minimum Sector Altitude sector by GSR 770(E).**

Ref: **1. Our letter dated 16th November 2022 on the above subject**
2. Letter dated 6th January 2023 from General Manager (DoAS), Airports Authority Of India vide File number atm-16027/35/2022-ATM-DoAS on the above subject

Respected Sir,

This is with reference to the above subject and our letter dated 16th November 2022, wherein we have requested that with the implementation of GSR 770(E), we find the calculation methodology change and the application of lower altitude MSA calculated angle for the buffer area which is different than the GSR 751(E) principle.

It may be noted that the GSR770 (E) is the notification of amendment in GSR 751(E) and until unless mentioned specifically in GSR 770(E), the GSR 751(E) remains the basic document.

As per our understanding of GSR 751(E) and GSR 770(E) for the 5 NM protection rule, our understanding is that - in the direction of structure from the particular ASR, the **Sector height for a specific distance may be considered for calculation and the least of the calculation (in case of multisector) may be applied for the issue of NOC height.**

Based on the above request letter dated 16th November 20022 sent by us, we have received a reply letter dated 6th January 2023 from General Manager (DoAS), Airports Authority Of India vide File number ATM-16027/35/2022-ATM-DoAS on the above subject.

We would like to state that as per the reply of AAI, HQ Point No 2. ***"It may also be noted that calculations done in NOCAS system for 5NM Buffer zone in respect of Radar criteria are as per GSR 770(E) regulations. Hence, the review of the 5NM buffer criteria as published in GSR 770 (E) is not within the purview of AAI"***,

In this regard, it is stated that we have not requested a review of GSR 770(E) for the 5NM buffer criteria, whereas we have only sought for the review /revisit of the calculation/interpretation of the above regulation implemented in the interpreted formula in the NOCAS software which we believe is within the jurisdiction of DoAS and CNS department.

The said para is reproduced as quote, "2.5.1.1 Beyond 500 meters from a particular Radar site, the height of the permissible structures may be increased at the rate of 0.05 per meter, up to a point wherein the height of the permissible structure does not protrude above the line drawn from a point 10% below the minimum sector altitude at the farthest point (from Radar site) or any other designated MSA at different distance in same sector whichever is closer to horizon, to the center of antenna pedestal, considering the Minimum Sector Altitude (MSA) in that particular sector. **Beyond the above-stated point, no large object**

would be permitted to protrude above the line drawn from a point 10% below the minimum sector altitude at the farthest point (from the Radar site) or any other designated MSA at a different distance in the same sector whichever is closer to the horizon to the center of antenna pedestal depending on the minimum Sector Altitude in that particular sector” unquote

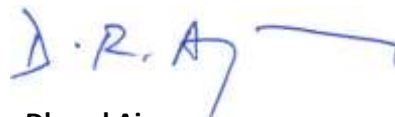
Therefore, request to re-consider the implemented /applied method and calculation of the 5NM buffer regulation as per request and GSR751(E) & GSR 770(E) principle as it was calculated prior for multisector.

Thanking you,

Yours faithfully,
For CREDAI-MCHI



Boman Irani
President



Dhaval Ajmera
Hon. Secretary