

**S. S. Hussain** J.A.S. (Ex)

Chief Executive Officer

Ref. No. MCHI/CEO/17-18/058

October 25, 2017

**Sub: Points to be taken up in GSR751(E) Modification**Dear *Shri Chaudhary*

I would like to invite your kind attention to below additional points that need to be taken up in the regulations governing height of buildings around airports.

**1) Height Restriction in AGA Surfaces**

Height is restricted in AGA Surfaces taking into consideration 'Guideline on Allowable Penetration of OLS in Aeronautical Study'.

**The premise of this restriction is penetration will affect Nav aids facilities.**

- a. Aeronautical Study determines the height of the building/obstacle after taking into consideration not only Communication and Navigational facilities (CNS) procedures but also takes into consideration Procedure for Navigational Service Operations (PAN-OPS) Survey.
- b. THE MINIMAL HEIGHT OF THE TWO PROCEDURES IS GRANTED and as such no building/obstacle is allowed to penetrate the Nav aids facilities.
- c. From the above it can be seen that as an outcome on carrying out Aeronautical Survey no building/object will adversely affect the safety or significantly affect the regularity of operations of aeroplanes as all Calculations are restricted to the Least and as Recommended by ICAO.
- d. There was no restriction prior to the 'Guideline on Allowable Penetration of OLS in Aeronautical Study' as well.
- e. Therefore it is submitted that the restriction in AGA Surfaces may not be implemented.

**2) R-Cone for DME/N, CVOR, DVOR**

- a. As per EUROPEAN GUIDANCE MATERIAL ON MANAGING BUILDING RESTRICTED AREAS, Appendix 1, Table 1, the radius (R-Cone) for DME/N, CVOR, DVOR etc @ 3000mts. there is no restriction due to Navigational facilities beyond 3000 mts.
- b. However for all our studies height is restricted even beyond 3000 mts.
- c. It is submitted that height may not be restricted due to the above beyond a distance of 3000 mts.

3) Azimuth Angle on Antenna Pedestal or Above Radar Antenna

It is submitted that only Large objects subtending azimuth angle of 0.4 degree on the Antenna pedestal or above at Radar Antenna may be restricted for ASR and ARSR procedures (Rule 2.5 and 2.6 of GSR).

At the end, I would request you personally to please consider the above few points raised about the modifications to be brought into the system. Once the issues raised are considered at Government level, it will have positive impact on the overall situation of the development in the region.

*With kind regards*

Yours *Sincerely*



(S. S. Hussain)

To,  
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