

**Ministry of Civil Aviation
Rajiv Gandhi Bhawan, New Delhi-110003**

**Minutes of the Meeting of the Appellate Committee for height clearance held on
29th September, 2015**

Reference Ministry of Civil Aviation letter No. AV.20036/66/2000-AAI dated 15-10-2012 read with letters dated 31-12-2012 and dated 04-01-2013, the Appellate Committee constituted to consider appeal/grievance made by different applicants with regard to the height allocated to them by AAI for their construction vis-à-vis the height sought by them, held its meeting under the Chairmanship of Joint Secretary, Ministry of Civil Aviation (MOCA) on 29th September, 2015.

The following Committee members were present:-

1. Sh. V. Somasundaram - Member (ANS), AAI
2. Sh. K. Gohain - Technical Expert

Shri J.S. Rawat, Jt. DGCA was not present in the meeting.

The following appeal cases were taken up in which aeronautical study were conducted as per the Aeronautical Study guidelines approved by the competent authority which also included the Expert Committee recommendations for the maximum permissible penetration of OLS. The Expert Committee while arriving at their recommendations had also considered and concluded that the safety and regularity of aircraft operations at the particular airport will not be affected.

The **Aeronautical Study cases** that were brought up in this Committee Meeting are as detailed below:-

AERONAUTICAL STUDY CASES

1. **Shri Arun Sarup, M/s Spaceage Consultants, M/s Amartara Private Ltd., Mumbai**

Case No.: MUM/13/NOCAS/305
CHQ File No.: AAI/20012/79/2014
NOCAS ID : SNCR/WEST/B/100512/014
Site Address: CTS No. 73/A/3 Village Tungwa Saki-Vihar Road, Powai, Mumbai

As per NOCAS, the proposed site lies in **Inner Horizontal Surface** and is 3906m from Rwy 27 of Santa Cruz Airport.

The applicant had earlier applied for a height of 90.30m AMSL vide their letter dated 12.6.2013 and subsequently reduced height of 77.20m vide letter dated 11.4.2014 against which they were granted 56.90m AMSL vide AAI letter dated 25.10.2013. Aeronautical Study conducted for 77.20m AMSL as per the Appellate Committee meeting dated 26.03.2015.

The Aeronautical Study report was examined by this Committee and it is observed that considering all the parameters, the height requested i.e. 77.20m AMSL is permissible.

Committees' Decision:

Authorization for the height of 77.20m AMSL be issued

2. M/s Empress & Adishakti JV, Mumbai.

Case No.: MUM/13/NOCAS/515
CHQ File No.: AAI/20012/81/2014
NOCAS ID : SNCR/WEST/B/080513/15664
Site Address: CTS No. 1720, Village Chembur of Gaondevi Compound, R.C Marg, Chembur in M/W Ward, Mumbai.

As per NOCAS, the proposed site lies in **Inner Horizontal Surface** and is 3744m from Rwy 32 of Santa Cruz Airport.

The applicant had earlier applied for a height of 80.07m AMSL vide their letter dated 20.8.2013 against which they were granted 56.90m AMSL vide AAI letter dated 12.3.2014. The applicant subsequently revised height of 77.50m AMSL vide their letter dated 22.4.2014 and further increased height of 80.07m AMSL vide letter dated 25.6.2014. Aeronautical Study conducted for 80.07m AMSL as per the Appellate Committee meeting dated 21.01.2015.

The Aeronautical Study report was examined by this Committee and it is observed that the permissible height is 57.6m AMSL being restricted due RNP Procedure of Runway 32 Mumbai Airport.

Committees' Decision:

Authorization for the height of 57.6m AMSL be issued

3. M/s Mahindra Lifespaces Developers Ltd., Mumbai.

Case No.: MUM/13/NOCAS/476
CHQ File No.: AAI/20012/99/2014
NOCAS ID : SNCR/WEST/B/072613/15422
Site Address: CTS No. 243-A of Village Gundavali at Andheri (East), Mumbai.

As per NOCAS, the proposed site lies in **Inner Horizontal Surface** and is 2172m from Rwy 14 of Santa Cruz Airport.

The applicant had earlier applied for a height of 97.77m AMSL vide their letter dated 01.8.2013 against which they were granted 56.90m AMSL vide AAI letter dated 26.2.2014. The applicant subsequently revised height of 76.813m AMSL for built up B1 and 76.27m AMSL for built up B2 vide letter dated 17.5.2014. Aeronautical Study conducted for 73.92m AMSL and 76.27m AMSL for B1 & B2 respectively, as per the Appellate Committee decision taken in the meeting dated 26.03.2015.

The Aeronautical Study report was examined by this Committee and it is observed that considering all the parameters, the height permissible is 73.92m AMSL for built up B1 & 76.27m AMSL for built up B2.

Committees' Decision:

Authorization for the heights 73.92m AMSL for built up B1 and 76.27m AMSL for built up B2 be issued.

4. M/s Lodha Pranik Landmark Developers Pvt. Ltd, Mumbai

Case No.: MUM/10/597
CHQ File No.: AAI/20012/14/2012
NOCAS ID : JUHU/WEST/B/060313/13441
Site Address: CTS No. 586/1 of Village Pahadi ,Goregaon and CTS No. 257/G of Village Goregaon at Goregaon (East),Mumbai

As per NOCAS, the proposed site lies in **Conical Surface** and is 6070m from Rwy 14 of Santa Cruz Airport.

The applicant had earlier applied for a height of 262.250m AMSL vide letter dated 14.9.2010 against which they were granted 147.47m AMSL vide AAI letter dated 09.2.2011. Subsequently granted a height of 148.77m AMSL vide Authorization letter dated 27.3.2012 which is again revised as 160.43m AMSL vide letter dated 08.08.13. The applicant thereafter applied for revised height of 202m AMSL vide letter dated 04.09.13. Aeronautical study conducted for height of 202m AMSL. Then AAI granted height of 168.94m AMSL(From Existing ASR) 171.11m AMSL (From proposed ASR at Kalina Gate) vide Authorization letter dated 09.09.14 for Tower-D after aeronautical study. The applicant requested a height of 159.75m AMSL for Tower-A, 172m AMSL for Tower-B and 175m AMSL for Tower-C vide letter dated 06.7.2015.

Aeronautical study conducted for Tower-C only for height of 175m AMSL because during visit of AAI team to the site on 28th August, 2015, the representative of applicant informed that Aeronautical Study is required for Tower-C only and no additional height is required for Tower-A & B. The Committee examined the Aeronautical Study report submitted by AAI and observed that considering all the parameters, a height of 169.9m AMSL is permitted for Tower-C.




Committees' Decision:

Authorization for the height of 169.9m AMSL to be issued for Tower-C.

To mitigate the generic risk from structures cleared through conduct of Aeronautical Study, it has brought to the notice of Committee that an Undertaking (1-E) may be obtained from the applicants. It will ensure timely coordination between builders and Airport Operators for notifying the obstacle and its lighting.

The Committee examined the contents of the Undertaking (1-E) and approved it. Undertaking 1-E is enclosed as Annexure-I.


(V.SOMASUNDARAM)
MEMBER (ANS), AAI


(K.GOHAIN)
TECHNICAL EXPERT


(ARUN KUMAR)
JT. SECY, MOCA
CHAIRMAN, APPELLATE COMMITTEE

Place: New Delhi

Date: 29th September 2015

UNDERTAKING 1 E

(To be filled in by the Owners of the Structure, granted Height above obstacle Limitation Surfaces (OLS) based on Appeal Process through the Aeronautical Study)

I/We _____ having registered office/residence at _____

_____ are the owner/lessee of the plot / proposed building located at _____
_____ for which NOC has been obtained for permissible top elevation of _____ M (Above Mean Sea Level) vide AAI letter No. _____ Dated-----and an appeal was made to the Appellate Committee for grant of higher height.

I/We _____ do hereby undertake:-

That, the construction work is yet to start/ in progress and the said building has been constructed up to an elevation of _____ M (AMSL) which is _____ meter above ground level.

That, I fully understand that the higher height when granted to the structure is above the Obstacle Limitation Surfaces and needs to be lighted/marked in order to

- a. Warn pilot's of potentially hazardous condition; and
- b. Fulfil the responsibility of the State to publish deviations from standards

That, I/we will abide by my/ our responsibility, as listed below, in implementing the **following Risk Mitigation Measures:**

1. The Airport Operator should publish the obstacle, to fulfill the above requirement, before its penetration of the Obstacle Limitation Surface. **It will be the responsibility of the applicant/owner to notify the Airport Operator accordingly.**
2. The day marking and night lighting shall be provided by the applicant/owner as per the guidelines specified in DGCA Civil Aviation Requirement Series B Part-1 Section 4, in co-ordination with and to the satisfaction of the Airport Operator.
3. Any temporary structure erected such as crane, for the purpose of construction, should not exceed the permissible top elevation without the written permission of the Airport Operator.

That, I/We will abide by all the terms and conditions, mentioned in the NOC.

Signature, Name and address of Witness

Signature of the applicant

1)

2)

Date:

Place