

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

**Minutes of the Meeting of the Appellate Committee for height clearance held on 09<sup>th</sup> September 2022**

As per Ministry of Civil Aviation Letter No. AV.20036/66/2000-AAI dated 15-10-2012 and GSR-751(E), Rule-11, the Appellate Committee, constituted to consider appeal/grievance of the appellants against the decision of the Designated Officer of AAI for issue of NOC for a specific permissible height under GSR-751(E), held its meeting on 09<sup>th</sup> September, 2022 chaired by Smt. Rubina Ali, Joint Secretary, Ministry of Civil Aviation (MoCA). Shri D. C. Sharma, Jt. DG, DGCA and Shri M Suresh, Member (ANS), AAI attended the meeting as members of the committee.

The Committee was assisted by the following officers:

- i) Shri A K Meena, ED (ATM), AAI-CHQ
- ii) Shri J. B. Singh, GM (CNS), AAI-CHQ
- iii) Shri L. D. Mohanty, Jt. GM (ATM-FPD), AAI-CHQ
- iv) Shri V.C. Sinha, Jt. GM (ATM-DoAS), AAI-CHQ
- v) Shri K. K. Soni, AGM (ATM-DoAS), AAI-CHQ
- vi) Shri Sanjay Kumar, Head, Aerodrome Standards & Capacity Optimization, DIAL

The meeting was attended by following officers through video-conferencing:

- i) Shri Prabhat Mahapatra, Joint President, Operations, AAHL
- ii) Shri Manoj Joshi, Senior Manager – Aerodrome Safeguarding, MIAL
- iii) Shri Shadab, Assistant Manager, Aerodrome Safeguarding Department, MIHAN
- iv) Smt. G. Shanti, Jt. GM (ATM-DoAS), AAI-Hyderabad
- v) Sh. Rupesh Kumar, DGM (ATM), AAI-Surat

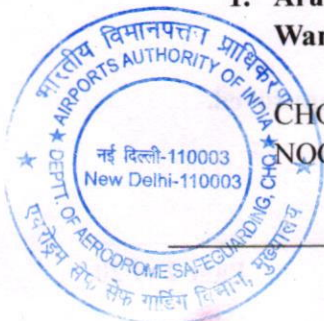
A detailed case-by-case presentation was made by Shri Moosa T. F., GM (ATM-DoAS), AAI-CHQ before the Committee for due appraisal. The decisions are listed as below:

**A. CASES OF SMALL/LARGE OBJECT ANALYSIS w.r.t RADAR**

The Small/Large Object Analysis w.r.t Radar Criteria was conducted for the following appeal case and are presented before the Appellate Committee in accordance with provisions of Para 2 of Schedule II of GSR 751 (E) as amended by GSR 770 (E). The Appellate Committee has considered recommendations made by CNS-OM Directorate for the case and decided as follows:

**1. Arun Wasudeo Bambawale and Four others Power of Attorney holder Shri Madhav Wamanrao Deshpande**

CHQ File No.: ATM-16027/6/2022-ATM-DoAS  
NOCAS ID: NAGP/WEST/B/040619/386016



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Site Address: Plot No. 149 and 150, CTS No. 1026, Mouza - Lendhra, District Nagpur, Lendhra, Nagpur, Maharashtra

The proposed building lies in Conical Surface of Nagpur Airport. The appellant had been granted NOC for 379.63 m AMSL vide AAI NOC letter dated 25.04.2019. The appellant requested an elevation of 404.90 m AMSL vide offline appeal application dated 28.07.2021.

The Committee was informed that through Small/Large Object w.r.t Radar Criteria, the elevation of 404.90 m AMSL for building was recommended, as derived from AGA, CNS and PANS-OPS criteria.

**Committees' Decision:**

**The permissible top elevation (P.T.E.) of 404.90 m AMSL for building is approved.**

**B. AERONAUTICAL STUDY CASES:**

The Aeronautical Studies were conducted for the following appeal cases as per detailed guidelines contained in ADSAC 05 of 2020 on "Guidelines for the conduct of Aeronautical Study" dated 3<sup>rd</sup> July, 2020. The Appellate Committee has considered recommendations made in the Aeronautical Study Report of each case and decided as follows:

**2. Maharashtra Metro Rail Co. Ltd through Executive Director/Planning-I**

CHQ File No.: ATM-16027/11/2022-ATM-DoAS  
NOCAS ID: NAGP/WEST/B/102121/629869  
Site Address: Kh no. 93 to 96, City Survey No. 285, Mouza- Lendra, North Ambazari Road, near Shankar Nagar Metro Station, Nagpur, Shankar Nagar Square/Nagpur, Nagpur, Maharashtra  
Plot Size: 4815.87 sqm

The proposed building lies in Conical Surface at a perpendicular distance of 219 m up to IHS boundary. The IHS boundary point is at a distance of 3496 m from end of the transitional Surface of runway 14L/32R of Nagpur Airport. The appellant had been granted NOC for 372.09 m AMSL vide AAI letter dated 22.11.2021. The appellant requested an elevation of 415.63 m AMSL vide offline appeal application dated 04.01.2022.

After the approval of the Competent Authority, the Aeronautical Study was carried out. The Committee was informed that through Aeronautical Study process, the elevation of 379.40 m AMSL for building was recommended, as derived from allowable penetration of OLS, CNS and PANS-OPS criteria.

**Committees' Decision:**

**The permissible top elevation (P.T.E.) of 379.40 m AMSL for building is approved.**



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**3. M/s Puri Construction Pvt. Ltd.**

CHQ File No.: ATM-16019/120/2021-ATM-DoAS  
NOCAS ID: PALM/NORTH/B/041521/539129  
Site Address: Group Housing Colony on Land Measuring 12.168 Acres (License N0. 86 Of 2013 Dated 11/10/2013) At Khasra No.- 10//25/1, 11//21/1/1, 11//21/2/1, 11//21/3/1, 11//21/1/2, 11//21/2/2, 11//21/3/2, 11//22, 20//1, 20//2, 20//9/2, 20//10, 20//11, 21//3, 21//4/1, 21//4/2, 21//5, 21//6, 21//7/1, 21//8/2, 21//9, 21//14/2, 21//15, In Village Chauma, Sector-111, Gurgaon, Haryana, Chauma/Gurugram/Haryana, Gurgaon, Haryana  
Plot Size: 49242.14 sqm

The proposed buildings lie in Conical Surface at a perpendicular distance of 245 m for TOWER 1, 309 m for TOWER 2, 379 m for TOWER 3 and 217 m for TOWER 4 up to IHS boundary. The IHS boundary point is at a distance of 2504 m for TOWER 1, 2521 m for TOWER 2, 2522 m for TOWER 3 and 2549 m for TOWER 4 from end of the transitional Surface of runway 11R/29L of IGI Airport. The appellant had been granted NOC for 292.06 m AMSL vide AAI letter dated 13.05.2021. The appellant requested an elevation of 340.21 m AMSL for TOWER 1, 340.35 m AMSL for TOWER 2, 339.12 m AMSL for TOWER 3 and 339.28 m AMSL for TOWER 4 vide online appeal application dated 11.10.2021.

After the approval of the Competent Authority, the Aeronautical Study was carried out. The Committee was informed that through Aeronautical Study process, the elevation of 324.36 m AMSL for TOWER 1, 327.10 m AMSL for TOWER 2, 327.78 m AMSL for TOWER 3 and 323.78 m AMSL for TOWER 4 was recommended, as derived from allowable penetration of OLS, CNS and PANS-OPS criteria.

**Committees' Decision:**

The permissible top elevation (P.T.E.) is approved as follows:

TOWER 1	324.36 m AMSL
TOWER 2	327.10 m AMSL
TOWER 3	327.78 m AMSL
TOWER 4	323.78 m AMSL

**4. Mr Mukesh Patel Partner of Happy Home Corporation**

CHQ File No.: ATM-16019/71/2021-ATM-DoAS  
NOCAS ID: SURA/WEST/B/062621/552728  
Site Address: F.P.No-60, 61, T.P.S. No.-06 (Vesu), Survey No.-246, 247/3 Paikee, Moje-Vesu, Taluka-Majura, District-Surat., Majura, Surat, Gujarat  
Plot Size: 15554 sqm

The proposed buildings lie in Inner Horizontal Surface at a distance of 336 m for A1B1B2, 287 m for A2A3, 296 m for B3B4 and 253 m for C1C2 from end of Transitional Surface of runway 04/22



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of Surat Airport. The appellant had been granted NOC for 53.90 m AMSL vide AAI letter dated 09.07.2021. The appellant requested an elevation of 66.25 m AMSL for A1B1B2, 66.10 m AMSL for A2A3, 66.15 m AMSL for B3B4 and 66.27 m AMSL for C1C2 vide online appeal application dated 15.07.2021.

After the approval of the Competent Authority, the Aeronautical Study was carried out. The Committee was informed that through Aeronautical Study process, the elevation of 58.16 m AMSL for A1B1B2, 57.54 m AMSL for A2A3, 57.65 m AMSL for B3B4 and 57.11 m AMSL for C1C2 was recommended, as derived from allowable penetration of OLS, CNS and PANS-OPS criteria.

**Committees' Decision:**

**The permissible top elevation (P.T.E.) is approved as follows:**

<b>A1B1B2</b>	<b>58.16 m AMSL</b>
<b>A2A3</b>	<b>57.54 m AMSL</b>
<b>B3B4</b>	<b>57.65 m AMSL</b>
<b>C1C2</b>	<b>57.11 m AMSL</b>

**5. Mr. N. SRINIVAS, S/o. LATE. N. SATYANARAYANA RAO, Director of M/s. NET NET VENTURES PRIVATE LIMITED**

CHQ File No.: ATM-16019/1/2022-ATM-DoAS  
NOCAS ID: HYDE/SOUTH/B/102321/630737  
Site Address: Proposed Construction of Commercial Building at Plot No.1355/G/1, Road No.45 of Jubilee Hills and Plot No.01, Nandagiri Hills in T. S. No.3/P, 4/P, 5/P, 6, 7/P, Block-D, Ward No.9 (New Ward No.8, Block-2), (Old Survey No.403/P) Shaikpet Village and Mandal, Hyderabad, Telangana., Shaikpet Village and Mandal, Hyderabad, Telangana  
Plot Size: 16900 sqm

The proposed building lies in Conical Surface at a perpendicular distance of 1677 m up to IHS boundary. The IHS boundary point is at a distance of 1963 m from end of the transitional Surface of runway 09/27 of Hyderabad Airport. The appellant had been granted NOC for 660.05 m AMSL vide AAI letter dated 27.10.2021. The appellant requested an elevation of 684.52 m AMSL vide online appeal application dated 20.12.2021.

After the approval of the Competent Authority, the Aeronautical Study was carried out. The Committee was informed that through Aeronautical Study process, the elevation of 670.35 m AMSL for building was recommended, as derived from allowable penetration of OLS, CNS and PANS-OPS criteria.

**Committees' Decision:**

**The permissible top elevation (P.T.E.) of 670.35 m AMSL for building is approved.**





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**6. Dr. Sarah Varghese, The Principal of Government Medical College**

CHQ File No.: ATM-16019/155/2021-ATM-DoAS  
NOCAS ID: THIR/SOUTH/B/032321/536908  
Site Address: 42 Re-Block No. 6, Thiruvananthapuram/Cheruvakkal/Thiruvananthapuram, Thiruvananthapuram, Kerala  
Plot Size: 6060.88 sqm

The proposed building lies in Inner Horizontal Surface at a distance of 2929 m from end of Transitional Surface of runway 14/32 of Thiruvananthapuram Airport. The appellant had been granted NOC for 50.20 m AMSL vide AAI letter dated 30.06.2021. The appellant requested an elevation of 63.84 m AMSL vide online appeal application dated 04.10.2021.

After the approval of the Competent Authority, the Aeronautical Study was carried out. The Committee was informed that through Aeronautical Study process, the elevation of 63.84 m AMSL for building was recommended, as derived from allowable penetration of OLS, CNS and PANS-OPS criteria.

**Committees' Decision:**

**The permissible top elevation (P.T.E.) of 63.84 m AMSL for building is approved.**

**7. KODIYERI BALAKRISHNAN, SECRETARY, CPI(M) KERALA STATE COMMITTEE**

CHQ File No.: ATM-16019/68/2022-ATM-DoAS  
NOCAS ID: THIR/SOUTH/B/120221/638495  
Site Address: LOCATED NEAR PALAYAM, TRIVANDRUM SURVEY NO 28 BLOCK NO 75 VANCHIYOOR VILLAGE TRIVANDRUM TALUK TRIVANDRUM DISTRICT, TRIVANDRUM /VANCHIYOOR /PALAYAM, Thiruvananthapuram, Kerala  
Plot Size: 1293 sqm

The proposed building lies in Inner Horizontal Surface at a distance of 3135 m from end of Transitional Surface of runway 14/32 of Thiruvananthapuram Airport. The appellant had been granted NOC for 50.20 m AMSL vide AAI letter dated 13.01.2022. The appellant requested an elevation of 78.50 m AMSL vide online appeal application dated 11.04.2022.

After the approval of the Competent Authority, the Aeronautical Study was carried out. The Committee was informed that through Aeronautical Study process, the elevation of 61.66 m AMSL for building was recommended, as derived from allowable penetration of OLS, CNS and PANS-OPS criteria.

**Committees' Decision:**

**The permissible top elevation (P.T.E.) of 61.66 m AMSL for building is approved.**



**8. M/s Indira Nagar(Jogeshwari)SRA Co-op Housing Soci**

CHQ File No.: AAI/20012/85/2019-DoAS  
NOCAS ID: SNCR/WEST/B/120116/184683  
Site Address: CTS NO-160(Pt), VILLAGE-MAJAS, JOGESHWAR-EAST ,  
Taluka/Andheri, Mumbai, Maharashtra  
Plot Size: 7465 sqm

The proposed buildings lie in Inner Horizontal Surface at a distance of 2851 m for SALE BUILDING NO.1, 2818 m for SALE BUILDING NO.2 and 2863 m for SALE BUILDING NO.3 from end of Transitional Surface of runway 14/32 of Santa Cruz Airport. The appellant had been granted NOC for 56.9 m AMSL vide AAI letter dated 02.03.2017. The appellant requested an elevation of 110.50 m AMSL vide online appeal application dated 20.03.2019.

After the approval of the Competent Authority, the Aeronautical Study was carried out. The Committee was informed that through Aeronautical Study process, the elevation of 93.33 m AMSL for SALE BUILDING NO.1, 92.91 m AMSL for SALE BUILDING NO.2 and 93.49 m AMSL for SALE BUILDING NO.3 was recommended, as derived from allowable penetration of OLS, CNS and PANS-OPS criteria.

**Committees' Decision:**

**The permissible top elevation (P.T.E.) is approved as follows:**

SALE BUILDING NO.1	93.33 m AMSL
SALE BUILDING NO.2	92.91 m AMSL
SALE BUILDING NO.3	93.49 m AMSL

**9. MR. IRFAN KARIM E SIDDIQUI DESIGNATED PARTNER OF M/S. N.KHAN CONSTRUCTION WORKS LLP.**

CHQ File No.: ATM-16019/47/2021-ATM-DoAS  
NOCAS ID: SNCR/WEST/B/123120/520226  
Site Address: C.T.S. NO. 8(PT) OF VILL-PARIGHAKHADI AND  
577(PT), 578, 579, 580 AND 581(PT) OF VILL-KURLA IV, AT  
L.B.S. MARG, KURLA (W),  
MUMBAI, MUMBAI/KURLA, Mumbai, Maharashtra  
Plot Size: 10640 sqm

The proposed buildings lie in Inner Horizontal Surface at a distance of 1214 m for Building-1, 1260 m for Building-2, 1272 m for Building-3 and 1219 m for Building-4 from end of Transitional Surface of runway 14/32 of Santa Cruz Airport. The appellant had been granted NOC for 57.13 m AMSL vide AAI letter dated 05.02.2021. The appellant requested an elevation of 90.00 m AMSL vide online appeal application dated 15.04.2021.

After the approval of the Competent Authority, the Aeronautical Study was carried out. The Committee was informed that through Aeronautical Study process, the elevation of 72.54 m

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AMSL for Building-1, 73.13 m AMSL for Building-2, 73.28 m AMSL for Building-3 and 72.61 m AMSL for Building-4 was recommended, as derived from allowable penetration of OLS, CNS and PANS-OPS criteria.

**Committees' Decision:**

The permissible top elevation (P.T.E.) is approved as follows:

Building-1	72.54 m AMSL
Building-2	73.13 m AMSL
Building-3	73.28 m AMSL
Building-4	72.61 m AMSL

**10. RAMESH T BIJLANI PARTNER OF SUPREME MEGA CONSTRUCTIONS LLP**

CHQ File No.: ATM-16019/127/2021-ATM-DoAS  
NOCAS ID: JUHU/WEST/B/051321/546015  
Site Address: C.T.S NO. F/1207, F.P. NO.203A OF TPS BANDRA NO. III, H(WEST) WARD AT 28TH ROAD, BANDRA (WEST),MUMBAI 400050. ,BANDRA/MUMBAI,Mumbai,Maharashtra  
Plot Size: 857 sqm

The proposed site lies in Inner Horizontal Surface at a distance of 2592 m from end of Transitional Surface of runway 09/27 of Santa Cruz Airport. The appellant had been granted NOC for 57.13 m AMSL vide AAI letter dated 30.06.2021. The appellant requested an elevation of 74.70 m AMSL vide online appeal application dated 23.09.2021.

After the approval of the Competent Authority, the Aeronautical Study was carried out. The Committee was informed that through Aeronautical Study process, the elevation of 74.70 m AMSL was recommended, as derived from allowable penetration of OLS, CNS and PANS-OPS criteria.

**Committees' Decision:**

The permissible top elevation (P.T.E.) of 74.70 m AMSL is approved.

**11. Mr. Kamal K. Loungani Director of M/s. TKL Infra Developers Pvt. Ltd.**

CHQ File No.: ATM-16019/114/2021-ATM-DoAS  
NOCAS ID: JUHU/WEST/B/090121/573158  
Site Address: CTS No 624 8 of Village Bandra G at Junc of Ramkrishna Mission Marg and 16th Road Santacruz W Mumbai,Village Bandra G,Mumbai suburban,Maharashtra  
Plot Size: 1628.80 sqm

The proposed site lies in Inner Horizontal Surface at a distance of 821 m from end of Transitional Surface of runway 09/27 of Santa Cruz Airport. The appellant had been granted NOC for 57.13 m





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AMSL vide AAI letter dated 04.10.2021. The appellant requested an elevation of 96.91 m AMSL vide online appeal application dated 08.10.2021.

After the approval of the Competent Authority, the Aeronautical Study was carried out. The Committee was informed that through Aeronautical Study process, the elevation of 67.55 m AMSL was recommended, as derived from allowable penetration of OLS, CNS and PANS-OPS criteria.

**Committees' Decision:**

**The permissible top elevation (P.T.E.) of 67.55 m AMSL is approved.**

**12. Mr.Ajay Wadhvani Partner of M/s.P.R.Landmarks LLP**

CHQ File No.: ATM-16019/141/2021-ATM-DoAS  
NOCAS ID: JUHU/WEST/B/092321/606857  
Site Address: C.T.S.No.G/527 of Village Bandra,TPS No.IV at East Avenue Road,Santacruz (West),Mumbai.,Bandra,Mumbai,Maharashtra  
Plot Size: 839.50 sqm

The proposed site lies in Inner Horizontal Surface at a distance of 781 m from end of Transitional Surface of runway 09/27 of Santa Cruz Airport. The appellant had been granted NOC for 57.13 m AMSL vide AAI letter dated 01.11.2021. The appellant requested an elevation of 75.00 m AMSL vide online appeal application dated 16.11.2021.

After the approval of the Competent Authority, the Aeronautical Study was carried out. The Committee was informed that through Aeronautical Study process, the elevation of 67.04 m AMSL was recommended, as derived from allowable penetration of OLS, CNS and PANS-OPS criteria.

**Committees' Decision:**

**The permissible top elevation (P.T.E.) of 67.04 m AMSL is approved.**

**13. Mr.Asif Gani Deraiya Director of M/s.Deraiya Realtors Pvt Ltd**

CHQ File No.: ATM-16019/84/2021-ATM-DoAS  
NOCAS ID: SNCR/WEST/B/061121/551618  
Site Address: C.T.S.No.12 (pt) of Village Kurla,Building No.40 at S.G.Barve Marg,Nehru Nagar,Mhada Layout,Kurla (E),Mumbai.,Kurla,Mumbai,Maharashtra  
Plot Size: 1334.32 sqm

The proposed site lies in Inner Horizontal Surface at a distance of 537 m from end of Transitional Surface of runway 14/32 of Santa Cruz Airport. The appellant had been granted NOC for 57.13 m





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AMSL vide AAI letter dated 05.07.2021. The appellant requested an elevation of 70.00 m AMSL vide online appeal application dated 09.08.2021.

After the approval of the Competent Authority, the Aeronautical Study was carried out. The Committee was informed that through Aeronautical Study process, the elevation of 63.94 m AMSL was recommended, as derived from allowable penetration of OLS, CNS and PANS-OPS criteria.

**Committees' Decision:**

**The permissible top elevation (P.T.E.) of 63.94 m AMSL is approved.**

**14. Mr. Irfan Abdul Sattar Malkani - Patner of M/s. S.**

CHQ File No.: ATM-16027/53/2021-ATM-DoAS  
NOCAS ID: JUHU/WEST/B/082216/169143  
Site Address: C.T.S. No. 84, 84/1 TO 50, Village Majas, Taluka- Andheri, Dalwai Compound, Gumpha Road, Jogeshwari (East), Mumbai – 400 060, Jogeshwari East, Mumbai, Maharashtra  
Plot Size: 2185.5 sqm

The proposed buildings lie in Conical Surface at a perpendicular distance of 293 m for BUILDING NO. 1 and 271 m for BUILDING NO. 2 (WING A, B & C) up to IHS boundary. The IHS boundary point is at a distance of 2271 m for BUILDING NO. 1 and 2269 m for BUILDING NO. 2 (WING A, B & C) from end of the transitional Surface of runway 14/32 of Santa Cruz Airport. The appellant had been granted NOC for 70.39 m AMSL vide AAI letter dated 26.09.2016. The appellant requested an elevation of 111.47 m AMSL vide offline appeal application dated 17.07.2021.

After the approval of the Competent Authority, the Aeronautical Study was carried out. The Committee was informed that through Aeronautical Study process, the elevation of 98.01 m AMSL for BUILDING NO. 1 and 97.08 m AMSL for BUILDING NO. 2 (WING A, B & C) was recommended, as derived from allowable penetration of OLS, CNS and PANS-OPS criteria.

**Committees' Decision:**

**The permissible top elevation (P.T.E.) is approved as follows:**

<b>BUILDING NO. 1</b>	<b>98.01 m AMSL</b>
<b>BUILDING NO. 2 (WING A, B &amp; C)</b>	<b>97.08 m AMSL</b>

**15. M/s. Simon Developers & Infrastructures Pvt. Ltd.**

CHQ File No.: ATM-16019/140/2021-ATM-DoAS  
NOCAS ID: SNCR/WEST/B/121317/267716



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Site Address: CTS NO 414, 415(pt), 416, 417 Off Vill - Bandra (E), At Nirmal Nagar Road, Khar (E), Mumbai, Khar East/ Bandra/ Mumbai, Mumbai City, Maharashtra  
Plot Size: 2605.38 sqm

The proposed buildings lie in Inner Horizontal Surface at a distance of 1887 m for Proposed Sale Building and 1934 m for Proposed Rehab Building from end of Transitional Surface of runway 09/27 of Santa Cruz Airport. The appellant had been granted NOC for 56.9 m AMSL vide AAI letter dated 31.01.2018. The appellant requested an elevation of 104.98 m AMSL vide online appeal application dated 11.10.2021.

After the approval of the Competent Authority, the Aeronautical Study was carried out. The Committee was informed that through Aeronautical Study process, the elevation of 81.09 m AMSL for Proposed Sale Building and 81.69 m AMSL for Proposed Rehab Building was recommended, as derived from allowable penetration of OLS, CNS and PANS-OPS criteria.

**Committees' Decision:**

**The permissible top elevation (P.T.E.) is approved as follows:**

Proposed Sale Building	81.09 m AMSL
Proposed Rehab Building	81.69 m AMSL

**16. Mr Shailesh Jhunjhunwala Authorized signatory to M/s Meenakshi Apartments Co-operative Housing Socie**

CHQ File No.: ATM-16019/130/2021-ATM-DoAS  
NOCAS ID: JUHU/WEST/B/090721/574069  
Site Address: CTS No F/390, Of Village Bandra, F. P. No 485, T.P.S. III situated at 26th Road, Opposite Patwardhan Garden, Bandra (W), Mumbai, Bandra, Mumbai, Maharashtra  
Plot Size: 760.90 sqm

The proposed site lies in Inner Horizontal Surface at a distance of 2200 m from end of Transitional Surface of runway 09/27 of Santa Cruz Airport. The appellant had been granted NOC for 57.13 m AMSL vide AAI letter dated 13.10.2021. The appellant requested an elevation of 90.00 m AMSL vide online appeal application dated 22.10.2021.

After the approval of the Competent Authority, the Aeronautical Study was carried out. The Committee was informed that through Aeronautical Study process, the elevation of 85.07 m AMSL was recommended, as derived from allowable penetration of OLS, CNS and PANS-OPS criteria.

**Committees' Decision:**

**The permissible top elevation (P.T.E.) of 85.07 m AMSL is approved.**



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**17. MR. BALIRAM ANAND UTEKAR CHAIRMAN OF M/S. SHREE KRUPA CHS LTD**

CHQ File No.: ATM-16019/110/2021-ATM-DoAS  
NOCAS ID: SNCR/WEST/B/022120/450464  
Site Address: building No. 89 and 90 on plot bearing C.T.S. No. 6 (pt), of Village Kurla -III, Nehru Nagar, Kurla (East), Mumbai – 400024, Kurla / KurlaIII / Mumbai, Mumbai suburban, Maharashtra  
Plot Size: 1998.13 sqm

The proposed buildings lie in Inner Horizontal Surface at a distance of 326 m for WING-A, 340 m for WING-B and 349 m for WING-C from end of Transitional Surface of runway 14/32 of Santa Cruz Airport. The appellant had been granted NOC for 57.13 m AMSL vide AAI letter dated 12.03.2020. The appellant requested an elevation of 70.00 m AMSL vide online appeal application dated 27.09.2021.

After the approval of the Competent Authority, the Aeronautical Study was carried out. The Committee was informed that through Aeronautical Study process, the elevation of 61.27 m AMSL for WING-A, 61.44 m AMSL for WING-B and 61.56 m AMSL for WING-C was recommended, as derived from allowable penetration of OLS, CNS and PANS-OPS criteria.

**Committees' Decision:**

**The permissible top elevation (P.T.E.) is approved as follows:**

WING-A	61.27 m AMSL
WING-B	61.44 m AMSL
WING-C	61.56 m AMSL

**18. Prestige Estates Project Limited**

CHQ File No.: ATM-16019/115/2021-ATM-DoAS  
NOCAS ID: JUHU/WEST/B/022221/529929  
Site Address: C.T.S NO. 1335A(pt), Daffodils, Nargis Dutt Road, Pali Hill, Mumbai-400050, Pali hill Mumbai, Mumbai suburban, Maharashtra  
Plot Size: 2069.57 sqm

The proposed building lies in Inner Horizontal Surface at a distance of 1767 m from end of Transitional Surface of runway 09/27 of Santa Cruz Airport. The appellant had been granted NOC for 57.13 m AMSL vide AAI letter dated 01.04.2021. The appellant requested an elevation of 93.66 m AMSL vide online appeal application dated 08.10.2021.

After the approval of the Competent Authority, the Aeronautical Study was carried out. The Committee was informed that through Aeronautical Study process, the elevation of 79.57 m





AMSL for building was recommended, as derived from allowable penetration of OLS, CNS and PANS-OPS criteria.

**Committees' Decision:**

**The permissible top elevation (P.T.E.) of 79.57 m AMSL for building is approved.**

**19. Mr.Chirag Ashok Shah of M/s.New India Construction Company**

CHQ File No.: ATM-16019/118/2021-ATM-DoAS  
NOCAS ID: JUHU/WEST/B/060721/551258  
Site Address: C.T.S.No.669,669/1 to 3 of Village Andheri at Court Lane,Andheri (E),Mumbai.,Andheri,Mumbai,Maharashtra  
Plot Size: 3373.10 sqm

The proposed building lies in Inner Horizontal Surface at a distance of 517 m from end of Transitional Surface of runway 14/32 of Santa Cruz Airport. The appellant had been granted NOC for 57.13 m AMSL vide AAI letter dated 08.09.2021. The appellant requested an elevation of 92.00 m AMSL vide online appeal application dated 16.10.2021.

After the approval of the Competent Authority, the Aeronautical Study was carried out. The Committee was informed that through Aeronautical Study process, the elevation of 63.69 m AMSL for building was recommended, as derived from allowable penetration of OLS, CNS and PANS-OPS criteria.

**Committees' Decision:**

**The permissible top elevation (P.T.E.) of 63.69 m AMSL for building is approved.**

**20. Mr Indermohan Singh Sawhney Partner of M/s. I.R. Developers LLP**



CHQ File No.: ATM-16019/108/2021-ATM-DoAS  
NOCAS ID: SNCR/WEST/B/071921/562527  
Site Address: Plot No. 217, 218 and 210 bearing C.T.S No. 368/58, 368/59 and 368/54 of Village Mogra, Sher-E-Punjab CHS Ltd., Andheri East, Mumbai 400093,Andheri/Mogra/Andheri East,Mumbai suburban,Maharashtra  
Plot Size: 1254.30 sqm

The proposed building lies in Inner Horizontal Surface at a distance of 2281 m from end of Transitional Surface of runway 14/32 of Santa Cruz Airport. The appellant had been granted NOC for 57.13 m AMSL vide AAI letter dated 27.08.2021. The appellant requested an elevation of 97.00 m AMSL vide online appeal application dated 18.09.2021.

After the approval of the Competent Authority, the Aeronautical Study was carried out. The Committee was informed that through Aeronautical Study process, the elevation of 86.09 m

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AMSL for building was recommended, as derived from allowable penetration of OLS, CNS and PANS-OPS criteria.

**Committees' Decision:**

**The permissible top elevation (P.T.E.) of 86.09 m AMSL for building is approved.**

**21. Mr. Manish Pardasani**

CHQ File No.: ATM-16019/107/2021-ATM-DoAS  
NOCAS ID: JUHU/WEST/B/052821/549031  
Site Address: C.T.S. No. G/436B-2A of Village-Bandra-G, F.P. No. 92, TPS Santacruz No. IV at Junction of Main Avenue Road and Linking Road, Santacruz (W), Mumbai, Santacruz W, Mumbai suburban, Maharashtra  
Plot Size: 495.30 sqm

The proposed site lies in Inner Horizontal Surface at a distance of 693 m from end of Transitional Surface of runway 09/27 of Santa Cruz Airport. The appellant had been granted NOC for 57.13 m AMSL vide AAI letter dated 29.06.2021. The appellant requested an elevation of 83.72 m AMSL vide online appeal application dated 27.09.2021.

After the approval of the Competent Authority, the Aeronautical Study was carried out. The Committee was informed that through Aeronautical Study process, the elevation of 65.93 m AMSL was recommended, as derived from allowable penetration of OLS, CNS and PANS-OPS criteria.

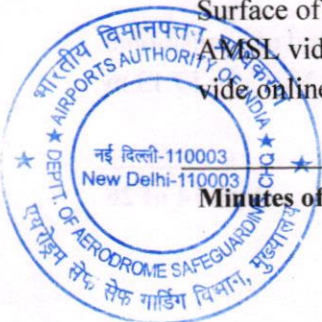
**Committees' Decision:**

**The permissible top elevation (P.T.E.) of 65.93 m AMSL is approved.**

**22. GAMMON REALTY LIMITED**

CHQ File No.: ATM-16019/113/2021-ATM-DoAS  
NOCAS ID: SNCR/WEST/B/040921/538914  
Site Address: PLOT BEARING CTS NO. 604 (PT), BUILDING NO 4 KNOWN AS BANDRA ABHIJAT CHSL, VILLAGE - BANDRA, KHERNAGAR MHADA LAYOUT, BANDRA (E), MUMBAI, BANDRA EAST, Mumbai suburban, Maharashtra  
Plot Size: 1618.82 sqm

The proposed site lies in Inner Horizontal Surface at a distance of 2578 m from end of Transitional Surface of runway 09/27 of Santa Cruz Airport. The appellant had been granted NOC for 57.13 m AMSL vide AAI letter dated 30.06.2021. The appellant requested an elevation of 96.76 m AMSL vide online appeal application dated 08.10.2021.





After the approval of the Competent Authority, the Aeronautical Study was carried out. The Committee was informed that through Aeronautical Study process, the elevation of 89.87 m AMSL was recommended, as derived from allowable penetration of OLS, CNS and PANS-OPS criteria.

**Committees' Decision:**

**The permissible top elevation (P.T.E.) of 89.87 m AMSL is approved.**

**23. M/s Ameya Developers, Mumbai**

CHQ File No.: ATM-16019/80/2021-ATM-DoAS  
NOCAS ID: SNCR/WEST/B/040721/538822  
Site Address: CTS No-616,619,620,621C/3(Pt) and 621C/3A,Village Kurla-III,Javkar Lane,Sion-Chunabhatti,Mumbai-22.,Taluka/Kurla,Mumbai,Maharashtra  
Plot Size: 2490 sqm

The proposed buildings lie in Inner Horizontal Surface at a distance of 2070 m for Kulswamini CHS Ltd and 2060 m for Vighnaharta Building from end of Transitional Surface of runway 14/32 of Santa Cruz Airport. The appellant had been granted NOC for 57.13 m AMSL vide AAI letter dated 16.07.2021. The appellant requested an elevation of 82.22 m AMSL vide online appeal application dated 11.08.2021.

After the approval of the Competent Authority, the Aeronautical Study was carried out. The Committee was informed that through Aeronautical Study process, the elevation of 82.22 m AMSL for Kulswamini CHS Ltd and Vighnaharta Building was recommended, as derived from allowable penetration of OLS, CNS and PANS-OPS criteria.

**Committees' Decision:**

**The permissible top elevation (P.T.E.) is approved as follows:**

Kulswamini CHS Ltd	82.22 m AMSL
Vighnaharta Building	82.22 m AMSL

**24. Manthan Development Corporation**

CHQ File No.: ATM-16019/116/2021-ATM-DoAS  
NOCAS ID: JUHU/WEST/B/100720/501623  
Site Address: CTS No C/864 to C/867 at Pali Mala Road, Village Bandra, Bandra(West), Mumbai,Village Bandra,Mumbai,Maharashtra  
Plot Size: 1325.63 sqm

The proposed site lies in Inner Horizontal Surface at a distance of 2293 m from end of Transitional Surface of runway 09/27 of Santa Cruz Airport. The appellant had been granted NOC for 57.13 m



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AMSL vide AAI letter dated 04.11.2020. The appellant requested an elevation of 95.00 m AMSL vide online appeal application dated 02.09.2021.

After the approval of the Competent Authority, the Aeronautical Study was carried out. The Committee was informed that through Aeronautical Study process, the elevation of 86.25 m AMSL was recommended, as derived from allowable penetration of OLS, CNS and PANS-OPS criteria.

**Committees' Decision:**

**The permissible top elevation (P.T.E.) of 86.25 m AMSL is approved.**

**25. Pankaj Agarwal of M/s. PNA TECHINDIA LLP**

CHQ File No.: ATM-16019/105/2021-ATM-DoAS  
NOCAS ID: SNCR/WEST/B/112120/510547  
Site Address: PROPOSED INDUSTRIAL BUILDING NAURANG PROXIMA,  
PLOT NO. 105, STREET NO. 12, MIDC ANDHERI (EAST),  
MUMBAI 400093, midc andheri east mumbai, Mumbai, Maharashtra  
Plot Size: 1500 sqm

The proposed site lies in Inner Horizontal Surface at a distance of 2255 m from end of Transitional Surface of runway 14/32 of Santa Cruz Airport. The appellant had been granted NOC for 57.13 m AMSL vide AAI letter dated 02.12.2020. The appellant requested an elevation of 80.72 m AMSL vide online appeal application dated 07.01.2021.

After the approval of the Competent Authority, the Aeronautical Study was carried out. The Committee was informed that through Aeronautical Study process, the elevation of 80.72 m AMSL was recommended, as derived from allowable penetration of OLS, CNS and PANS-OPS criteria.

**Committees' Decision:**

**The permissible top elevation (P.T.E.) of 80.72 m AMSL is approved.**

**26. ARUN KARWA LEGAL ENTITY OF M/S SANKET REALTORS**

CHQ File No.: ATM-16019/12/2022-ATM-DoAS  
NOCAS ID: SNCR/WEST/B/111218/348239  
Site Address: PLOT NO NDR-3 BEARING CTS NO 11 (PT) S NO 14 (PT) OF  
VILL CHEMBUR BUIDLING NO 91 AT TILAK NAGAR  
KURLA, KURLA, Mumbai, Maharashtra  
Plot Size: 1066 sqm

The proposed building lies in Inner Horizontal Surface at a distance of 325 m from end of Transitional Surface of runway 14/32 of Santa Cruz Airport. The appellant had been granted NOC





for 57.13 m AMSL vide AAI letter dated 14.12.2018. The appellant requested an elevation of 70.00 m AMSL vide online appeal application dated 30.12.2021.

After the approval of the Competent Authority, the Aeronautical Study was carried out. The Committee was informed that through Aeronautical Study process, the elevation of 61.25 m AMSL for building was recommended, as derived from allowable penetration of OLS, CNS and PANS-OPS criteria.

**Committees' Decision:**

**The permissible top elevation (P.T.E.) of 61.25 m AMSL for building is approved.**

**27. Garodia Nagar Mahavir Dham CHS Ltd.**

CHQ File No.: ATM-16019/147/2021-ATM-DoAS  
NOCAS ID: SNCR/WEST/B/051721/546533  
Site Address: CTS No. 195/47 of Village Ghatkopar, Plot no. 48-51,  
Garodianagar, Ghatkopar East, Mumbai - 400077, Ghatkopar/  
Ghatkopar/ Mumbai, Mumbai, Maharashtra  
Plot Size: 1650 sqm

The proposed site lies in Inner Horizontal Surface at a distance of 1056 m from end of Transitional Surface of runway 09/27 of Santa Cruz Airport. The appellant had been granted NOC for 57.13 m AMSL vide AAI letter dated 30.06.2021. The appellant requested an elevation of 71.00 m AMSL vide online appeal application dated 25.11.2021.

After the approval of the Competent Authority, the Aeronautical Study was carried out. The Committee was informed that through Aeronautical Study process, the elevation of 70.54 m AMSL was recommended, as derived from allowable penetration of OLS, CNS and PANS-OPS criteria.

**Committees' Decision:**

**The permissible top elevation (P.T.E.) of 70.54 m AMSL is approved.**

**28. AGAMI SPACES PVT. LTD.**

CHQ File No.: ATM-16019/6/2022-ATM-DoAS  
NOCAS ID: SNCR/WEST/B/101821/629513  
Site Address: SAMAJ SEVA CO-OP HOUSING SOCIETY LTD., MIG  
COLONY, C.T.S NO. 629 (PT), BLDG NO. D1/85, GANDHI  
NAGAR, BANDRA EAST, TALUKA ANDHERI, MUMBAI  
400051., BANDRA EAST, Mumbai, Maharashtra  
Plot Size: 938.50 sqm





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The proposed site lies in Inner Horizontal Surface at a distance of 2720 m from end of Transitional Surface of runway 09/27 of Santa Cruz Airport. The appellant had been granted NOC for 57.13 m AMSL vide AAI letter dated 10.11.2021. The appellant requested an elevation of 83.03 m AMSL vide online appeal application dated 27.12.2021.

After the approval of the Competent Authority, the Aeronautical Study was carried out. The Committee was informed that through Aeronautical Study process, the elevation of 83.03 m AMSL was recommended, as derived from allowable penetration of OLS, CNS and PANS-OPS criteria.

**Committees' Decision:**

**The permissible top elevation (P.T.E.) of 83.03 m AMSL is approved.**

**29. Ekta Kapoor & Mrs. Shobha Kapoor**

CHQ File No.: ATM-16027/60/2021-ATM-DoAS  
NOCAS ID: SNCR/WEST/B/100620/501404  
Site Address: CTS No.689/A/1, 689/A/2, Of Vill- Marol, CTS No.193(pt), Of Vill- Tungwe, At Saki Vihar Road, Powai, Mumbai, Powai, Mumbai, Maharashtra  
Plot Size: 11274 sqm

The proposed building lies in Inner Horizontal Surface at a distance of 2122 m from end of Transitional Surface of runway 09/27 of Santa Cruz Airport. The appellant had been granted NOC for 57.13 m AMSL vide AAI letter dated 04.11.2020. The appellant requested an elevation of 91.82 m AMSL vide online appeal application dated 28.01.2021.

After the approval of the Competent Authority, the Aeronautical Study was carried out. The Committee was informed that through Aeronautical Study process, the elevation of 84.07 m AMSL for building was recommended, as derived from allowable penetration of OLS, CNS and PANS-OPS criteria.

**Committees' Decision:**

**The permissible top elevation (P.T.E.) of 84.07 m AMSL for building is approved.**

**30. Satguru Corporate Services Pvt. Ltd.**

CHQ File No.: AAI/20012/30/2021-DoAS  
NOCAS ID: JUHU/WEST/B/052020/463997  
Site Address: C.T.S. No.165A/5 of village Goregaon, situated at Oshiwara District Centre, Goregaon (West), Mumbai - 400 104, Goregaon West, Mumbai, Maharashtra  
Plot Size: 9011.10 sqm





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The proposed buildings lie in Conical Surface at a perpendicular distance of 1345 m for Tower A and 1295 m for Tower B up to IHS boundary. The IHS boundary point is at a distance of 2089 m for Tower A and 2088 m for Tower B from end of the transitional Surface of runway 14/32 of Santa Cruz Airport. The appellant had been granted NOC for 121.23 m AMSL vide AAI letter dated 30.06.2020. The appellant requested an elevation of 160.51 m AMSL vide online appeal application dated 18.12.2020.

After the approval of the Competent Authority, the Aeronautical Study was carried out. The Committee was informed that through Aeronautical Study process, the elevation of 138.93 m for Tower A and 136.87 m for Tower B was recommended, as derived from allowable penetration of OLS, CNS and PANS-OPS criteria.

**Committees' Decision:**

**The permissible top elevation (P.T.E.) is approved as follows:**

<b>Tower A</b>	<b>138.93 m AMSL</b>
<b>Tower B</b>	<b>136.87 m AMSL</b>



**C. OTHER CASES:**

**31. M/s. Omkar Realtors & Developers Pvt Ltd**

CHQ File No.: ATM-16019/16/2021-ATM-DoAS  
NOCAS ID: SNCR/WEST/B/010314/19733  
Site Address: CS No. 432 (Pt), 437 (Pt), 440 (Pt), 645 to 650, 653 (Pt), 654, 655 (Pt), 658 (Pt), 659 (Pt), 854, 869, 870, 871 of Parel – Sewri Parel Sewri, Mumbai.

The proposed building lies in Outer Conical Surface of Santa Cruz Airport. The applicant had initially requested a height of 310.30 m AMSL vide letter dated 10.02.2014, against which NOC was granted for 214.49 m AMSL vide AAI letter dated 20.03.2014.

The applicant appealed to Appellate Committee for a height of 310.30 m AMSL in June, 2015. Through Aeronautical Study, revised NOC for a height of 230.35 m AMSL for Tower-I was issued vide AAI letter dated 25.02.2016.

The applicant filed a second offline appeal vide letter dated 17.03.2017 requesting higher height of 264.07 m AMSL for Tower-I. Subsequently, vide letter dated 08.03.2021 the appellant reiterated his height requirement and requested relaxation w.r.t. ADS-B criteria as promulgated through GSR770 (E).

The Committee was apprised that MIAL site verification report vide email dated 20.06.2022 stated that, the developer could not facilitate it's representative for the site verification. Therefore, the top elevation of these buildings was measured by MIAL representative from a nearby building

*(Signature)*



with the help of a total station (Equipment) on 16th March 2022 during survey for CNS study. Since the survey was carried out from a remote location, only visible portion/super structures of these buildings could be captured. As per MIAL site verification report, Tower I has violated the permissible top elevation by 30.35 m and the Grill on OHT, Hoarding and Lightning Arrestor on Tower-I have also violated the permissible height of AAI NOC.

The Chairperson, Appellate Committee took note of the above. After due deliberations, it was decided that the case be deferred to the next meeting.

**Committees' Decision:**

**It was decided that the case be deferred to the next meeting.**

**32. Grant of height clearance through small/large object analysis w.r.t. Radar and Shielding Criteria reg.:**

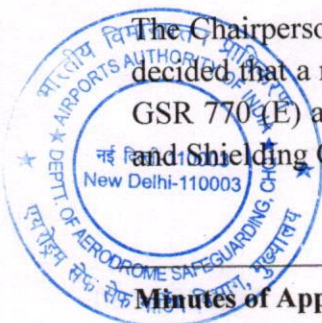
During the Appellate Committee, the representative of MIAL expressed apprehension that large number of upcoming structures around the airport may in future affect the safe and efficient operations at Mumbai due to:

1. Small/large Object Analysis w.r.t. Radar – It may lead to degradation of service volumes of the CNS facilities at Mumbai.
2. Shielding Criteria - The representative of MIAL also pointed out that due to ongoing hill cutting at Mumbai, the natural terrain is getting affected. As applicability of Shielding principle is based on the natural terrain, the calculations of permissible height through the Shielding Criteria are likely to be affected.

The representative of MIAL requested the Appellate Committee to review the existing methodology of Shielding Criteria and provisions of Small/large Object Analysis w.r.t. Radar as enumerated in GSR 751 (E) and GSR 770 (E).

Jt. Director General, Directorate General of Civil Aviation expressed accord with the views of the representative of MIAL. Jt. Director General, DGCA opined that the regulations with regard to Small/large Object Analysis as enumerated in GSR 751 (E) and GSR 770 (E) are not available in published ICAO documents. ICAO has not provided any guidelines on Shielding principle and therefore it has been left to the Participating States to decide on Shielding principle and the calculation methodology to be adopted.

The Chairperson, Appellate Committee took note of the above and after due deliberations it was decided that a report be submitted by AAI regarding the existing regulations i.e. GSR 751 (E) & GSR 770 (E) and the published ICAO documents i.r.o. Small/large Object Analysis w.r.t. Radar and Shielding Criteria, along with recommendations of AAI.





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**Committees' Decision:**

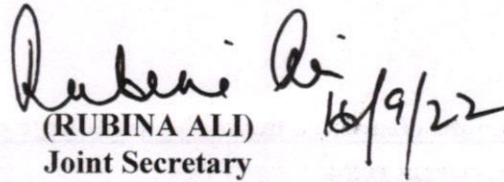
AAI to submit the study report as stated above.



(M. SURESH)  
Member (ANS)  
Airports Authority of India



(D. C. SHARMA)  
Jt. Director General  
Directorate General of Civil Aviation



(RUBINA ALI)  
Joint Secretary  
Ministry of Civil Aviation  
Chairperson, Appellate Committee

Place: New Delhi.

19/09/2022

