

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

**Minutes of the Meeting of the Appellate Committee for height clearance held on  
24<sup>th</sup> June, 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 24<sup>th</sup> June, 2015.

The following Committee members were present:-

1. Sh. J.S. Rawat - Jt. DGCA
2. Sh. K. Gohain - Technical Expert
3. Shri A K Dutta, ED (ATM) - ED (ATM)

Since Shri V. Somasundaram, Member (ANS), AAI member of the Committee was not available for this meeting. The Chairman of the Committee Co-opted Shri A K Dutta, ED (ATM) who is also looking after NOC Section in ATM Directorate to act as Member in this Committee meeting in place of Member (ANS).

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. **M/s Lodha Crown Buildmart Pvt. Ltd. Mumbai Metropolitan Region Development Authority (MMRDA),**

Case No.: MUM/10/761  
CHQ File No.: AAI/20012/188/2014-ARI(NOC) (Old No.:AAI/20012/149/2012-ARI(NOC))  
NOCAS ID: SNCR/WEST/B/111814/74372 (Old ID: SNCR/WEST/B/021513/020)  
Site Address: Block-C, Plot No.A, Wadala Truck Terminal(WTT), CS No.8, Mumbai.

As per NOCAS, the proposed site lies in **Conical Surface** and is at a distance of 4744.91 m from Rwy 32 of Santacruz Airport.

The applicant had initially requested a height of 225 m AMSL against which they were granted a height of 139.90 m AMSL after Aeronautical Study vide letter dated 30.10.2013. The applicant in its subsequent letter dated 06.05.2014 has reduced height requirement to 187.95 m AMSL. The applicant thereafter requested for a height of 187.954 online dated 18.11.2014 for Plot-A. The applicant claims that the width of their plot is approximately 500m and they may be given height tower-wise.

The case was listed in the Appellate Committee Meeting dated 12<sup>th</sup> May, 2014 wherein the applicant was absent. It was decided that the applicant may be given opportunity to present his case in subsequent meeting only after fresh request is received from him.

The applicant, therefore, submitted its request vide letter dated 11.06.2014.

The case was again heard in the in the Appellate Committee Meeting dated 11<sup>th</sup> July, 2014 wherein it was decided that the applicant submit fresh separate proposal for each of the parts of the plot and of the individual towers giving specific coordinates of the tower and parts of the plot.

Subsequently, the applicant has divided the Plot No. A having 04 Towers namely 1, 2, 3 & 4 vide letter dated 31.07.14 and requested for reassessment of height granted in respect of each 4 towers in Plot No. A of Block C at WTT to consume full FSI.

This Committee heard the applicant and its presentation. It also took note that the earlier heights granted was after an Aeronautical Study. The Committee also noted the decision of the earlier Committee meeting of 11.07.2014 and was informed that the applicant has submitted fresh separate proposal for each of the parts of the plot and of the individual towers giving specific coordinates of the tower and parts of the plot.

The case was again discussed in the meeting on 21.1.2015, wherein it was decided that AAI to conduct Aeronautical Study to find-out the permissible height for each of the individual towers.

This Committee on 24.6.2015 considered the Aeronautical Study report and also the maximum allowable penetration as per the guidelines contained in the minutes of 26<sup>th</sup> March, 2015. The Committee observed that the maximum height for Building 1: 136.43m AMSL; Building 2: 134.76m AMSL; Building 3: 136.16m AMSL; Building 4: 133.90m AMSL and; Building 12: 132.91m AMSL is permissible.

The height permissible through this aeronautical study are lower than the height 139.90 M AMSL, permitted earlier (also through aeronautical study). However, applicant vide letter dated 27.4.2015 has reported that buildings have already reach the height of 139.90m AMSL.

## Committees' Decision:

MIAL to carry out physical verification w.r.t. the present status of construction of the towers.

Matter to be referred to Law Department of AAI for providing legal opinion in the matter.

### 2. M/s Lodha Crown Buildmart Pvt. Ltd. Mumbai Metropolitan Region Development Authority (MMRDA),

Case No.: MUM/10/761  
CHQ File No.: AAI/20012/189/2014-ARI(NOC) (Old No.:AAI/20012/149/2012-ARI(NOC)  
NOCAS ID: SNCR/WEST/B/111814/74403 (Old ID: SNCR/WEST/B/021513/020  
Site Address: Block-C, Plot No.B, Wadala Truck Terminal(WTT), CS No.8, Mumbai.

As per NOCAS, the proposed site lies in **Conical Surface** and is at a distance of 4668m from Rwy 32 of Santacruz Airport.

The applicant had initially requested a height of 225 m AMSL against which they were granted a height of 139.90 m AMSL after Aeronautical Study vide letter dated 30.10.2013. The applicant in its subsequent letter dated 06.05.2014 has reduced height requirement to 187.95 m AMSL. The applicant thereafter requested for a height of 187.954 online dated 18.11.2014 for Plot-B. The applicant claims that the width of their plot is approximately 500m and they may be given height tower-wise.

The case was listed in the Appellate Committee Meeting dated 12<sup>th</sup> May, 2014 wherein the applicant was absent. It was decided that the applicant may be given opportunity to present his case in subsequent meeting only after fresh request is received from him.

The applicant, therefore, submitted its request vide letter dated 11.06.2014.

The case was again heard in the in the Appellate Committee Meeting dated 11<sup>th</sup> July, 2014 wherein it was decided that on the request of the applicant, that the applicant should submit fresh separate proposal for each of the parts of the plot and of the individual towers giving specific coordinates of the tower and parts of the plot.

Subsequently, the applicant has divided the Plot No. B in 2 sub plots namely having towers No.5 & 6 vide letter dated 31.07.14 and requested for reassessment of height granted in respect of each 2 towers in Plot No. B of Block C at WTT to consume full FSI.

This Committee heard the applicant and its presentation. It also took note that the earlier heights granted was after an Aeronautical Study. The Committee also noted the decision of the earlier Committee meeting of 11.07.2014 and was informed that the applicant has submitted fresh separate proposal for each of the parts of the plot and of the individual towers giving specific coordinates of the tower and parts of the plot.

The case was again discussed in the meeting on 21.1.2015, wherein it was decided that AAI to conduct Aeronautical Study to find-out the permissible height.

This Committee on 24.6.2015 considered the Aeronautical Study report and also the maximum allowable penetration as per the guidelines contained in the minutes of 26<sup>th</sup> March, 2015. The Committee observed that the maximum height for Building 5: 131.15m AMSL and Building 6: 130.14m AMSL is permissible.

The height permissible through this aeronautical study are lower than the height 139.90 M AMSL, permitted earlier (also through aeronautical study). However, applicant vide letter dated 27.4.2015 has reported that buildings have already reach the height of 139.90m AMSL.

**Committees' Decision:**

**MIAL to carry out physical verification w.r.t. the present status of construction of the towers.**

**Matter to be referred to Law Department of AAI for providing legal opinion in the matter.**

**3. M/s Lodha Crown Buildmart Pvt. Ltd. Mumbai Metropolitan Region Development Authority (MMRDA),**

**Case No.: MUM/10/761**  
**CHQ File No.: AAI/20012/190/2014-ARI(NOC) (Old No.:AAI/20012/149/2012-ARI(NOC))**  
**NOCAS ID: SNCR/WEST/B/111814/74452 (Old ID: SNCR/WEST/B/021513/020)**  
**Site Address: Block-C, Plot No.C, Wadala Truck Terminal(WTT), CS No.8, Mumbai.**

As per NOCAS, the proposed site lies in **Conical Surface** and is at a distance of 4563m from Rwy 32 of Santacruz Airport.

The applicant had initially requested a height of 225 m AMSL against which they were granted a height of 139.90 m AMSL after Aeronautical Study vide letter dated 30.10.2013. The applicant in its subsequent letter dated 06.05.2014 has reduced height requirement to 187.95 m AMSL. The applicant thereafter requested for a height of 187.954 online dated 18.11.2014 for Block-C in Plot No.C. The applicant claims that the width of their plot is approximately 500m and they may be given height tower-wise.

The case was listed in the Appellate Committee Meeting dated 12<sup>th</sup> May, 2014 wherein the applicant was absent. It was decided that the applicant may be given opportunity to present his case in subsequent meeting only after fresh request is received from him.

The applicant, therefore, submitted its request vide letter dated 11.06.2014.

The case was again heard in the in the Appellate Committee Meeting dated 11<sup>th</sup> July, 2014 wherein it was decided that the applicant submit fresh separate proposal for each of the parts of the plot and of the individual towers giving specific coordinates of the towers (03 Nos.) and parts of the Plot No.C.

Subsequently, the applicant has divided the Plot No. C having 03 towers Nos. 7, 8 & 11 vide letter dated 31.07.14 and requested for reassessment of height granted in respect of each tower on Plot No. C of Block C at WTT to consume full FSI.

This Committee heard the applicant and its presentation. It also took note that the earlier heights granted was after an Aeronautical Study. The Committee also noted the decision of the earlier Committee meeting of 11.07.2014 and was informed that the applicant has submitted fresh separate proposal for each of the parts of the plot and of the individual towers giving specific coordinates of the tower and parts of the plot.

The case was again discussed in the meeting on 21.1.2015, wherein it was decided that AAI to conduct Aeronautical Study to find-out the permissible height.

This Committee on 24.6.2015 considered the Aeronautical Study report and also the maximum allowable penetration as per the guidelines contained in the minutes of 26<sup>th</sup> March, 2015. The Committee observed that the maximum height for Building 7: 127.35m AMSL; Building 8: 126.36m AMSL and; Building 11: 125.32m AMSL is permissible.

The height permissible through this aeronautical study are lower than the height 139.90 M AMSL, permitted earlier (also through aeronautical study). However, applicant vide letter dated 27.4.2015 has reported that buildings have already reach the height of 139.90m AMSL.

**Committees' Decision:**

**MIAL to carry out physical verification w.r.t. the present status of construction of the towers.**

**Matter to be referred to Law Department of AAI for providing legal opinion in the matter.**

**4. M/s Lodha Crown Buildmart Pvt. Ltd. Mumbai Metropolitan Region Development Authority (MMRDA),**

**Case No.: MUM/10/761**  
**CHQ File No.: AAI/20012/191/2014-ARI(NOC) (Old No.:AAI/20012/149/2012-ARI(NOC))**  
**NOCAS ID: SNCR/WEST/B/111814/74483 (Old ID: SNCR/WEST/B/021513/020)**  
**Site Address: Block-C, Plot No.D, Wadala Truck Terminal(WTT), CS No.8, Mumbai.**

As per NOCAS, the proposed site lies in **Conical Surface** and is at a distance of 4476m from Rwy 32 of Santacruz Airport.

The applicant had initially requested a height of 225 m AMSL against which they were granted a height of 139.90 m AMSL after Aeronautical Study vide letter dated 30.10.2013. The applicant in its subsequent letter dated 06.05.2014 has reduced height requirement to 187.95 m AMSL. The applicant thereafter requested for a height of 187.954 online dated 18.11.2014 for Plot No.D. The applicant claims that the width of their plot is approximately 500m and they may be given height tower-wise.

The case was listed in the Appellate Committee Meeting dated 12<sup>th</sup> May, 2014 wherein the applicant was absent. It was decided that the applicant may be given opportunity to present his case in subsequent meeting only after fresh request is received from him.

The applicant, therefore, submitted its request vide letter dated 11.06.2014.

The case was again heard in the in the Appellate Committee Meeting dated 11<sup>th</sup> July, 2014 wherein it was decided that the applicant submit fresh separate proposal for each of the towers in Plot No.D of Block-C giving specific coordinates of the towers and parts of the plot.

Subsequently, the applicant has divided the Plot No.D having 02 towers namely 9 & 10 vide letter dated 31.07.14 and requested for reassessment of height granted in respect of each tower in Plot No.D of Block C at WTT to consume full FSI.

This Committee heard the applicant and its presentation. It also took note that the earlier heights granted was after an Aeronautical Study. The Committee also noted the decision of the earlier Committee meeting of 11.07.2014 and was informed that the applicant has submitted fresh separate proposal for each of the parts of the plot and of the individual towers giving specific coordinates of the tower and parts of the plot.

The case was again discussed in the meeting on 21.1.2015, wherein it was decided that AAI to conduct Aeronautical Study to find-out the permissible height for each of the towers.

This Committee on 24.6.2015 considered the Aeronautical Study report and also the maximum allowable penetration as per the guidelines contained in the minutes of 26<sup>th</sup> March, 2015. The Committee observed that the maximum height for Building 9: 123.57m AMSL; Building 10: 122.57m AMSL and; Building 13: 122.03m AMSL is permissible.

The height permissible through this aeronautical study are lower than the height 139.90 M AMSL, permitted earlier (also through aeronautical study). However, applicant vide letter dated 27.4.2015 has reported that buildings have already reach the height of 139.90m AMSL.

**Committees' Decision:**

**MIAL to carry out physical verification w.r.t. the present status of construction of the towers.**

**Matter to be referred to Law Department of AAI for providing legal opinion in the matter.**

**5. M/s Romell Properties Pvt. Ltd., Mumbai.**

**Case No.:** MUM/13/NOCAS/569  
**File No.:** AAI/20012/40/2014-ARI(NOC)  
**NOCAS ID:** SNCR/WEST/B/012014/20418  
**Site Address:** CTS No. 365 of Village Mogra at Andheri (East), Mumbai.

As per NOCAS, the proposed site lies in **Inner Horizontal Surface** and is 3555m from Rwy 14 of Santa Cruz Airport.

The applicant had earlier applied for a height of 56.27 m AMSL vide their letter dated 21.09.2013 against which they were granted 56.27 m AMSL vide AAI letter dated 04.02.2014. The applicant thereafter had applied for increased height of 76.34 m AMSL vide letter dated 06.02.2014 and also requesting Aeronautical Study to consume full FSI.

The applicant had submitted a letter dated 05.03.2014 from SRA, Mumbai addressed to the Appellate Committee in support of their request. The committee considered the said letter which had mentioned that to meet the requirements of setbacks as per DCR 33 (14) the FSI granted is 2.5 and that the height recommended is 55 m AGL corresponding to 76.34 m AMSL. The Committee further observed that height recommended in the SRA letter exceeds the permissible height from AGA criteria.

The case was earlier discussed in the meeting on 12.5.2014, wherein it was decided that an Aeronautical Study to be conducted by AAI to determine whether height recommended by SRA is admissible or not. AAI to also initiate the process for verification of authenticity of SRA letter dated 05.03.2014 submitted by the applicant.

This Committee on 24.6.2015 considered the Aeronautical Study report and also the maximum allowable penetration as per the guidelines contained in the minutes of 26<sup>th</sup> March, 2015. The Committee observed that the height of 76.34m AMSL as requested by the applicant is permissible.

**Committees' Decision:**

**Authorization for height of 76.34m AMSL be issued.**

**6. M/s Romell Properties Pvt. Ltd., Mumbai.**

**Case No.:** MUM/13/NOCAS/563  
**CHQ File No.:** AAI/20012/41/2014-ARI(NOC)  
**NOCAS ID.:** SNCR/WEST/B/012014/20419  
**Site Address:** CTS No. 382 of Village Mogra at Andheri(East), Mumbai.

As per NOCAS, the proposed site lies in IHS and is 3177 from Rwy 14 of Santacruz Airport.

The applicant had earlier applied online for a height of 56.27 m AMSL on 20.01.2014 against which they were granted 56.27 m AMSL vide AAI letter dated 04.02.2014. The applicant thereafter had applied for increased height of 78.95 m AMSL vide letter dated 06.02.2014 requesting Aeronautical Study to consume full FSI.

The applicant had submitted a letter dated 05.03.2014 from SRA, Mumbai addressed to the Appellate Committee in support of their request. The committee considered the said letter which had mentioned that to meet the requirements of setbacks as per DCR 33 (14) the FSI granted is 2.5 and that the height recommended is 55 m AGL corresponding to 78.95 m AMSL. The Committee further observed that height recommended in the SRA letter exceeds the permissible height from AGA criteria.

The case was earlier discussed in the meeting on 12.5.2014, wherein it was decided that an Aeronautical Study to be conducted by AAI to determine whether height recommended by SRA is admissible or not. AAI to also initiate the process for verification of authenticity of SRA letter dated 05.03.2014 submitted by the applicant.

This Committee on 24.6.2015 considered the Aeronautical Study report and also the maximum allowable penetration as per the guidelines contained in the minutes of 26<sup>th</sup> March, 2015. The Committee observed that the height of 78.95m AMSL as requested by the applicant is permissible.

#### **Committees' Decision:**

**Authorization for height of 78.95m AMSL be issued.**

- 7. M/s Royal Fantasy Construction Pvt. Ltd., Shri Vijay Yadav, C/o Arun Kumar Dube, Mumbai.**

**Case No.: MUM/10/677**  
**CHQ File No.: AAI/20012/71/2014-ARI(NOC)**  
**NOCAS ID.: SNCR/WEST/B/062314/42770**  
**Site Address: CTS No. 424, 424/1 TO 33 OF Village Mogra at Parsi Panchat Road, Andheri (East), Mumbai.**

As per NOCAS, the proposed site lies in Inner Horizontal Surface at a distance of 3023m from Rwy 14 of Santa Cruz Airport.

The applicant had earlier applied for a height of 108.55 m AMSL vide letter dated 27.10.2010 against which they were granted 56.27 m AMSL vide letter dated 24.08.2011. The applicant has subsequently requested to reduce the height requirement to 81.25 m AMSL vide letter dated 26.03.2014 requesting Aeronautical Study to consume full FSI.

The applicant had submitted the SRA letter dated 20.06.2014 in original.

The Committee examined the SRA letter which has indicated that the project is under SRA scheme under clause 33(14)(d) of DCR 1991 and will comprise of one composite building two rehab building and one PH tenement wing to accommodate 166 tenements.



It has also been indicated in the letter that due irregular shape of plot and planning constraints, the height recommended to consumer 2.90 FSI and road setback area benefits, etc. The local state body has as above supported the project under the Slum Rehabilitation Scheme and has recommended a height 81.25 m AMSL.

The case was earlier discussed in the meeting on 11.7.2014, wherein it was decided that an Aeronautical Study to be conducted to determine whether the height of 81.25 m AMSL as recommended by the local state authorities (SRA) is admissible or not.

This Committee on 24.6.2015 considered the Aeronautical Study report. The maximum permissible height as per the Aeronautical Study report taking into consideration the CNS & PANS-OPS Criteria is 81.25m AMSL. Committee asked to recalculate the maximum allowable AGA OLS penetration through Aeronautical Study by using formula, i.e.,  $PE = \text{Aerodrome Elevation} + 45 + \{1.27(x - 465) \sqrt{100}\}$  where X is the distance of nearest runway extremity. The maximum allowable penetration of AGA OLS using the above formula comes out to be 89.38m AMSL. The height of 81.25m AMSL as requested by the applicant is permissible.

**Committees' Decision:**

**Authorization for height of 81.25m AMSL be issued.**

**8. M/s Kumar Housing Corporation Ltd., Mumbai.**

**Case No.:** MUM/11/234  
**CHQ File No.:** AAI/20012/189/2011-ARI(NOC)  
**NOCAS ID.:** SNCR/WEST/B/101912/009  
**Site Address:** C.T.S No. 74(Pt.) of Village Ghatkopar (West), Mumbai.

As per NOCAS, the proposed site lies in IHS at a distance of 3088 m from Rwy 27 of Santa Cruz Airport.

The applicant had earlier applied for a height of 121.37 m AMSL vide letter dated 07.04.2011 against which they were granted 56.27 m AMSL vide letter dated 03.01.2011. The applicant had requested increased height of 161.51 m AMSL online dated 19.10.2012 and subsequently a reduced height of 129 m AMSL vide letter dated 15.10.2012. The applicant thereafter further requested a reduced height of 115 m AMSL vide letters dated 23.12.2013 and 10.01.2014. The height requirement by the applicant was further revised to 110 m AMSL vide their letter dated 22.02.2014 requesting desired height under shielding benefit w.r.t natural terrain.

The case was earlier listed in Appellate Committee meeting held on 13.02.2013 but not heard due deferment.

The case was subsequently heard in Appellate Committee meeting held on 24.09.2013 wherein it was decided that a physical verification of the site with respect to natural terrain be carried out by AAI to determine the extent of shielding benefit from natural terrain against the height sought.

The case was subsequently heard in Appellate Committee meeting held on 27.12.2013 wherein it was decided that applicant be advised to submit the contour map duly certified by Survey of India or MCGM indicating therein their site location.

The contour map was thereafter submitted by the applicant.

The case was listed in Appellate Committee meeting held on 30<sup>th</sup> January, 2014 wherein the applicant informed by email their inability to attend the meeting. The Committee then decided that the applicant may be called for meeting only on receipt of communication from him.

The Case was subsequently listed in Appellate Committee meeting held on 7<sup>th</sup> March, 2014 wherein the applicant was absent. It was then decided by the Committee that the applicant may be informed that the height of 60.04 m AMSL is permissible as per existing shielding criteria. If they desire, they may request for Aeronautical Study. The applicant may be called for next meeting on receipt of communication from him.

Applicant vide letter dated 24.03.2014 has requested to carry out the Aeronautical study and submitted MCGM letter dated 06.03.2014.

The Case was heard in Appellate Committee meeting held on 16<sup>th</sup> April, 2014 and after examination of MCGM letter it was decided that the applicant be given an opportunity to submit letter from MCGM indicating specifically support and also recommending height for the project on receipt of which the case can be put up in the next Appellate Committee meeting.

The applicant has submitted the MCGM letter dated 04.05.2014. (In Original)

The case was again discussed in the meeting on 11.7.2014 and the Committee examined the letter from MCGM dated 04.05.2014 observed that the local authority of the state has brought the fact that there are three buildings No.1 &2 for rehabilitation and No.3 for sale and that the height recommended by them is for full consumption of FSI and other planning and desired requirements as per DCR 1991 of the MCGM. The local state authority has recommended 54.10 m AGL (100.20 m AMSL) for building No. 1&2 and for building No.3 has recommended 63.85 m AGL (109.95 m AMSL). The Committee also noted that the applicant had in their letter of 24.03.2014 had requested for Aeronautical Study. The Committee further noted that the applicant had filed a similar application under NOCAS ID: SNCR/WEST/B/101912/007 for which the same letter from the MCGM has been provided for justification and recommendation of height by the local authorities. The applicant who was present in this hearing confirmed that their plot has all three buildings located therein.

The Committee then decided that an Aeronautical Study to be conducted to determine whether the height of 100.20 m AMSL for building No.1&2(as per coordinates of the footprints of the building) and height of 109.95 m AMSL for building No.3 (as per coordinates of the footprints of the building) as recommended by the local state authorities is admissible or not at this site.

This Committee on 24.6.2015 considered the Aeronautical Study report. The maximum permissible height as per the Aeronautical Study report taking into consideration the CNS & PANS-OPS Criteria is 93.6m AMSL. Committee asked to recalculate the maximum allowable AGA OLS penetration through Aeronautical Study by using formula, i.e.,  $PE = \text{Aerodrome Elevation} + 45 + \{1.27(x - 465) \sqrt{100}\}$  where X is the distance of nearest runway extremity. The maximum allowable penetration of AGA OLS using the above formula comes out to be 90.12m AMSL.

**Committees' Decision:**

**Authorization for height of 90.12m AMSL be issued.**

**9. M/s Abacus Real Estate Pvt. Ltd., Sri N. Prabhu Ram, Hyderabad.**

**Case No.:** HY/13/39  
**CHQ File No.:** AAI/20012/77/2013-ARI(NOC)  
**NOCAS ID:** HYDE/SOUTH/B/022113/016  
**Site Address:** Survey No. 78, Fathenagar Village, Sanathnagar, Balanagar Mandal, Ranga Reddy Dist. A.P

As per NOCAS, the proposed site lies in Inner Horizontal Surface and is at a distance of 2387 m AMSL from Rwy 09 of Hyderabad Airport.

The applicant had initially requested a height of 574m AMSL to 577m AMSL on online submission dated 21.02.2013 against which they were granted a height of 574.80 vide AAI letter dated 02.04.2013. Applicant in his letter dated 23.04.2013 has requested for increased height of 632.00 m AMSL requesting Aeronautical Study to make his project viable.

The case was initially heard in Appellate Committee meeting held on 27th December 2013 wherein it was decided that the applicant to provide letter from the local Municipal authorities, which had approved their plan, supporting the project and justifying the revised height sought.

The applicant submitted letter dated 28.01.2014 from Greater Hyderabad Municipal Corporation.

The case was again heard in Appellate Committee meeting held on 7<sup>th</sup> March 2014 wherein it was decided that the applicant to provide letter from the Greater Hyderabad Municipal Corporation recommending the specific height required for the applicant's project taking into consideration the requirement of road widening as per the local bodies bye-laws.

The applicant submitted letter dated 07.05.2014 from Greater Hyderabad Municipal Corporation (in original).

The case was again discussed in the meeting on 11.7.2014 and the committee examined the above letter of the local state authorities and it has been observed that the height



recommended by them after taking into account the Rules and bye laws of the state, is 65.00 m AGL which amounts to 614 m AMSL (site elevation 549 m AMSL). The letter has not supported the height 632 m AMSL as requested by the applicant.

The Committee then decided that an Aeronautical Study to be conducted to determine whether the height 614 m AMSL (65 m AGL) as recommended by the local state authorities is admissible or not.

This Committee on 24.6.2015 considered the Aeronautical Study report. The maximum permissible height as per the Aeronautical Study report taking into consideration the CNS & PANS-OPS Criteria is 606.50m AMSL. Committee asked to recalculate the maximum allowable AGA OLS penetration through Aeronautical Study by using formula, i.e.,  $PE = \text{Aerodrome Elevation} + 45 + \{1.27(x - 465) \sqrt{100}\}$  where X is the distance of nearest runway extremity. The maximum allowable penetration of AGA OLS using the above formula comes out to be 599.20m AMSL.

### **Committees' Decision:**

**Authorization for height of 599.20m AMSL be issued.**

#### **10. M/s Aqua Space Developers Pvt. Ltd., Hyderabad.**

**Case No.:** HY/128/2014  
**CHQ File No.:** AAI/20012/114/2014-ARI(NOC)  
**NOCAS ID:** HYDE/SOUTH/B/041914/34396  
**Site Address:** Residential Block-A on Plot No. 22, 23, 24, 31, 32 & 33 in Survey No. 83/1 in Hyderabad Knowledge City, Raidurg Panmaktha Village, Serilingampally Mandal & Municipality, Ranga Reddy Dist., A.P

As per NOCAS, the proposed site lies in **Outer Conical Surface** and is at a distance of 8413 m from Rwy 09 of Hyderabad Airport.

The applicant had initially requested a height of 694 m AMSL online dated 19.04.2014 against they were granted a height of 649m AMSL vide letter dated 03.06.2014. The applicant in its letter dated 16.06.2014 has requested for an increased height of 704 m AMSL requesting higher height quoting that in same and surrounding locality there are other building which got height clearance from AAI.

The case was earlier discussed in the meeting on 22.01.2015 wherein the applicant has submitted Greater Hyderabad Municipal Corporation letter (in original) dated 30.06.2014. The Committee decided that Aeronautical Study may be conducted by AAI to find out whether height requested 704 m AMSL is permissible.

This Committee on 24.6.2015 considered the Aeronautical Study report and also the maximum allowable penetration as per the guidelines contained in the minutes of 26<sup>th</sup> March, 2015. The Committee observed that the height of 701m AMSL is permissible.

**Committees' Decision:**

**Authorization for height of 701m AMSL be issued.**

**11. M/s Aqua Space Developers Private Ltd., Hyderabad.**

**Case No.:** HY/126/2014  
**CHQ File No.:** AAI/20012/115/2014-ARI(NOC)  
**NOCAS ID:** HYDE/SOUTH/B/041914/34366  
**Site Address:** Commercial Block-2 on Plot No. 22, 23, 24, 31, 32 & 33 in Survey No. 83/1 in Hyderabad Knowledge City, Raidurg Panmaktha Village, Serilingampally Mandal & Municipality, Ranga Reddy Dist.,A.P

As per NOCAS, the proposed site lies in **Outer Conical Surface** and is at a distance of 8521 m from Rwy 09 of Hyderabad Airport.

The applicant had initially requested a height of 693 AMSL online dated 19.04.2014 against they were granted a height of 649m AMSL vide letter dated 03.06.2014. The applicant in its letter dated 16.06.2014 has requested for an increased height of 703m AMSL requesting higher height quoting nearby high rise buildings.

The applicant has submitted Greater Hyderabad Municipal Corporation letter (in original) dated 30.06.2014.

The case was earlier discussed in the meeting on 21.01.2015 and the Committee heard the applicant as well as examined the Greater Hyderabad Municipal Corporation letter dated 30.06.2014. The Committee then decided that Aeronautical Study to be conducted to determine whether the height requested i.e, 703 m AMSL is admissible or not.

This Committee on 24.6.2015 considered the Aeronautical Study report and also the maximum allowable penetration as per the guidelines contained in the minutes of 26<sup>th</sup> March, 2015. The Committee observed that the height of 701m AMSL is permissible.

**Committees' Decision:**

**Authorization for height of 701m AMSL be issued.**

**12. M/s A.A Estate Pvt. Ltd, Mumbai.**

**Case No.:** MUM/12/NOCAS/304  
**CHQ File No.:** AAI/20012/49/2014-ARI(NOC)  
**NOCAS ID.:** SNCR/WEST/110912/015  
**Site Address:** Building No. 34, CTS No. 607, S No. 341(Pt) of Village Bandra (East), Kher Nagar, Bandra (East), Mumbai.

As per NOCAS, the proposed site lies in IHS and is 3339m from basic strip of Rwy 09 of Santacruz Airport.

The applicant had earlier applied for a height of 90 m AMSL vide letter dated 15.11.2012 against which they were granted 56.90 m AMSL vide letter dated 13.01.2014 and applicant had reiterated height of 90 m AMSL in their letter dated 11.02.2014.

The case was earlier discussed in the meeting on 16.4.2014. During the presentation, the applicant produced a letter from Mumbai Housing and Area Development Board (MHADA) dated 10.03.2014 in which they had referred to their earlier letter of 7.02.2014. The MHADA letter has confirmed that the property belongs to MHADA and involves rehabilitation of 114 existing members. Due to modification of DCR 33 (5) higher FSI of 2.5 for the plot and prorated FSI up to 3.5 FSI has been granted to the project and that office has in their letter of 10.03.2014 has recommended the height of the building to 86 m AGL i.e 90 m AMSL.

The Applicant during the hearing had requested Aeronautical Study to consumer full FSI and make project viable.

The Committee took note of both MHADA letters and observed that the height recommended 90 m AMSL is exceeding the permissible height from AGA criteria. The case therefore has to be decided after conduct of an Aeronautical Study for which the applicant is required to submit a formal request. The Committee then decided that an Aeronautical Study to be conducted, after receipt of formal request from the applicant, to determine whether the total height recommended 90 m AMSL is permissible or not at that site. On receipt of formal request from the applicant, AAI conducted Aeronautical Study.

This Committee on 24.6.2015 considered the Aeronautical Study report and also the maximum allowable penetration as per the guidelines contained in the minutes of 26<sup>th</sup> March, 2015. The Committee observed that the height of 85.05m AMSL is permissible.

### **Committees' Decision:**

**Authorization for height of 85.05m AMSL be issued.**

### **13. Shri Prakash Gidwani, M/s A.R. Mehta & Associates, Mumbai**

**Case No.: MUM/13/NOCAS/57**  
**CHQ File No.: AAI/20012/42/2014-ARI(NOC)**  
**NOCAS ID: JUHU/WEST/B/011013/014**  
**Site Address: CTS No. F/866 of Village Bandra (West), FP No. 5 of TPS-III of Bandra (West), Mumbai.**

As per NOCAS, the proposed site lies in Inner Horizontal Surface at a distance of 3557 m from Rwy 09 of Santa Cruz Airport.

The applicant had initially requested a height of 77.85 m AMSL vide their letter dated 23.01.2013 against which they were granted a height of 56.90 m AMSL vide letter dated

08.10.2013. The applicant in its letter dated 11.02.2014 has requested for a reduced height of 73.45 m AMSL requesting Aeronautical Study to make the project viable.

The applicant had submitted MCGM letter dated 10.04.2014 (in original) addressed to Chairman, Appellate Committee.

The case was earlier listed in Appellate Committee meeting held on 12th May, 2014 wherein the applicant was absent. It was decided that the applicant may be given opportunity to present his case in subsequent meetings only after receipt of request from him.

The applicant submitted his request for appearing in the Appellate Committee vide e-mail dated 18.06.2014.

The case was again discussed in the meeting on 11.7.2014 and the Committee examined the letter of MCGM dated 10<sup>th</sup> April, 2014 which mentions that out of the total land area of 2031.8 sq m. the owner has to handover 97 sq m. of setback land for road widening. The total built up area for development is 5223.9 sq m. which includes TDR and fungible FSI as per DCR 35(4) of DCR 1991. The MCGM while supporting the project has indicated that 31 Nos. existing society members are also to be re-accommodated and has therefore recommended for a height of 61.95 m AGL including OHT and Lift Machine Room. The necessary concessions required for the height of 61.95 m AGL have been approved by Municipal Commissioner.

The Committee decided that an Aeronautical Study to be conducted to determine whether the height 73.45 m AMSL (61.95 m AGL) sought by the applicant as recommended by the local state authorities is admissible or not.

This Committee on 24.6.2015 considered the Aeronautical Study report and also the maximum allowable penetration as per the guidelines contained in the minutes of 26<sup>th</sup> March, 2015. The Committee observed that the height of 73.45m AMSL as requested by the applicant is permissible.

**Committees' Decision:**

**Authorization for height of 73.45m AMSL be issued.**

**14. M/s Kryshnajay Developers Pvt. Ltd., Mumbai.**

**Case No.:** MUM/13/NOCAS/401  
**CHQ File No.:** AAI/20012/68/2014-ARI(NOC)  
**NOCAS ID.:** JUHU/WEST/B/011613/006  
**Site Address:** CTS No. 1344, Village Bandra-C, Pali-Hill Road, Bandra (West), Mumbai.

As per NOCAS, the proposed site lies in Inner Horizontal Surface at a distance of 3229 m from Rwy 09 of Santa Cruz Airport.

The applicant had earlier applied for a height of 108.55 m AMSL vide letter dated 06.07.2013 against which they were granted 56.90 m AMSL vide letter dated 27.01.2014. The applicant has reduced the height requirement to 106.55m AMSL vide letter dated 21.03.2014 requesting Aeronautical Study as their project is of redevelopment scheme of old dilapidated structures.

The case was earlier discussed in the meeting on 11.7.2014, wherein the applicant produced letter dated 19.03.2014 from the local state authorities justifying their project under the redevelopment scheme of old dilapidated structure and has recommended the height of 73.90 m AGL (106.55 m AMSL). The Committee then decided that an Aeronautical Study to be conducted to determine whether the height of 106.55 m AMSL as recommended by the local state authorities is admissible or not.

This Committee on 24.6.2015 considered the Aeronautical Study report. The maximum permissible height as per the Aeronautical Study report is taking into consideration the CNS & PANS-OPS Criteria 106.55m AMSL. Committee asked to recalculate the maximum allowable AGA OLS penetration through Aeronautical Study by using formula, i.e.,  $PE = \text{Aerodrome Elevation} + 45 + \{1.27(x - 465) \sqrt{100}\}$  where X is the distance of nearest runway extremity. The maximum allowable penetration of AGA OLS using the above formula comes out to be 92.0m AMSL.

#### **Committees' Decision:**

**Authorization for height of 92 m AMSL be issued.**

#### **15. Shri Arun Kumar Dube, Mumbai.**

**Case No.:** MUM/13/NOCAS/438  
**CHQ File No.:** AAI/20012/87/2014-ARI(NOC)  
**NOCAS ID.:** SNCR/WEST/B/071213/15106  
**Site Address:** CTS No. 517, 520, 520/1 to 2,521,521/1 to 17 of village Chakala, Andheri (East), Mumbai.

As per NOCAS, the proposed site lies in Inner Horizontal Surface at a distance of 1414 m from Rwy 14 of Santa Cruz Airport.

The applicant had earlier applied for a height of 70.425 m AMSL vide letter dated 16.07.2013 against which they were granted 56.47 m AMSL vide letter dated 18.03.2014. The applicant has reduced the height to 67.025 m AMSL vide letter dated 16.04.2014 requesting Aeronautical Study to consume full FSI.

The case was earlier discussed in the meeting on 11.7.2014, wherein the applicant in their presentation to this meeting claim that their project is for Slum Rehabilitation Scheme and had produced letter dated 15.05.2014 from the Slum Rehabilitation Authority justifying the project and recommending the height of 67.025 m AMSL as per local regulations. The Committee then decided that an Aeronautical Study to be conducted to determine whether the height of 67.025 m AMSL as recommended by the local state authorities is admissible or not.



This Committee on 24.6.2015 considered the Aeronautical Study report. The maximum permissible height as per the Aeronautical Study report is taking into consideration the CNS & PANS-OPS Criteria is 65.90m AMSL. Committee asked to recalculate the maximum allowable AGA OLS penetration through Aeronautical Study by using formula, i.e.,  $PE = \text{Aerodrome Elevation} + 45 + \{1.27(x - 465) \sqrt{100}\}$  where X is the distance of nearest runway extremity. The maximum allowable penetration of AGA OLS using the above formula comes out to be 68.95m AMSL.

**Committees' Decision:**

**Authorization for height of 65.90m AMSL be issued.**

**16. M/s A.A. Estate Pvt. Ltd., Mumbai**

**Case No.:** MUM/12/NOCAS/303  
**CHQ File No.:** AAI/20012/46/2014-ARI(NOC)  
**NOCAS ID.:** SNCR/WEST/B/110912/008  
**Site Address:** Bldg 33, CTS No. 607, S.No. 341(Pt) of Village Bandra(East), Mumbai.

The proposed site lies in IHS and is 3379 m from Rwy 09 of Santacruz Airport. The applicant had initially requested for a height of 90 m AMSL vide letter dated 15.11.2012 against which they were granted a height of 56.90 m AMSL vide letter dated 13.01.2014. Subsequently the applicant had reiterated their height requirement of 90 m AMSL vide letter dated 11.02.2014.

Applicant requested Aeronautical Study to consume full FSI.

The case was earlier discussed in the meeting on 7.3.2014, wherein the applicant had submitted the letter from MHADA dated 26.02.2014 which has been considered in this meeting wherein it has been observed that the project involves rehabilitation and has been granted FSI 3.5 under State Regulation DG 33(5). The MHADA letter also recommends that the top height of 86 m AGL may be granted for the project which is 90 m AMSL. The Committee then decided that an Aeronautical Study to be carried out to determine whether the height requested 90 m AMSL is permissible or not.

This Committee on 24.6.2015 considered the Aeronautical Study report and also the maximum allowable penetration as per the guidelines contained in the minutes of 26<sup>th</sup> March, 2015. The Committee further observed that the maximum height permissible is 85.689m AMSL and that the multi radar criteria at Mumbai Airport has been taken into account.

**Committees' Decision:**

**Authorization for height of 85.68m AMSL be issued.**



**17. M/s Alcove Construction Pvt. Ltd., Kolkata.**

**Case No.:** ER/41/2013  
**CHQ File No.:** AAI/20012/67/2013-ARI(NOC)  
**NOCAS ID.:** KOLK/EAST/B/110112/009  
**Site Address:** 1, Cal Jessore Road, S.D.D.M. Ward No.27, Mouza –Shyamnagar, P.S –Dum Dum, Kolkata-700055, Dag No. 42(P), 77, 78, 789, 3267, 3268, 3269, 3270, 3271, 3272, 3274, 71, 72, 73, 74, 773, 778, 2078, 2079, 2299, 2300, 2326, 2327, 2328, 2329, 2330, 3279, 3280, 3281, 3283, 785, 786, 787 and 3275.

As per NOCAS, the proposed site lies in Conical Surface and is 4178 m from Rwy 01L of Kolkata Airport. However, considering extension of runway 01L of Kolkata airport, the site lies in IHS.

The applicant had earlier applied for a height of 74.65 m AMSL vide their letter dated 08.02.2013 against which they were granted a height of 50.25 m AMSL vide AAI letter dated 08.03.2013. The applicant reiterated the height of 74.65 m AMSL vide letters dated 02.04.2013 and 11.04.2014 requesting higher height to make his project viable.

The case was earlier heard in the AC meeting of 27.12.2013 wherein the applicant was required to furnish request letter for Aeronautical Study along with support letter from the local municipal body. The justification letter dated 30.01.2014 was received in AAI and the case was heard by the Committee on 7.3.2014. The Committee then decided that the no Aeronautical Study can be permitted as the letter from local state authorities does not support the project.

The applicant again requested for Aeronautical Study vide letter dated 11.04.2014 and submitted revised justification letter 18.03.2014.

The case was again discussed in the meeting on 7.3.2014, wherein the Committee examined the letter dated 18.03.2014 wherein the local municipal body of Kolkata had informed that the plan has been sanctioned for FSI 3 and that a height of 74.65 m AMSL is recommended for full utilization of FSI. The Committee noted that the height recommended by the local body is exceeding permissible height from AGA criteria which is 60.91 m AMSL. The Committee then decided that Aeronautical Study to be conducted by AAI to determined whether the height of 74.65 m AMSL as recommended is admissible or not at that site after verification of the letter from the local municipal authorities. AAI to initiate the process of verification of authenticity of letter issued from local municipal authorities.

This Committee on 24.6.2015 was informed by AAI that the authenticity of the letter was checked and Aeronautical Study conducted. This Committee considered the Aeronautical Study report and also the maximum allowable penetration as per the guidelines contained in the minutes of 26<sup>th</sup> March, 2015. The Committee observed that the height of 74.65m AMSL as requested by the applicant is permissible.

**Committees' Decision:**

**Authorization for height of 74.65m AMSL be issued.**



(A.K. Dutta)  
ED (ATM), AAI



(J.S. RAWAT)  
JT. DGCA



(K.GOHAIN)  
TECHNICAL EXPERT



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

Place: New Delhi  
Date: 24<sup>th</sup> June 2015

