..... International Airport Civil Aviation Office

..... Municipality-, .....

Civil Engineering Division

Obstacle Height Calculation Sheet

| | | |
|---|---|---|
| A. General Information | | |
| 1 | Obstacle Calculation ID | 6 |
| 2 | Fiscal Year | 7980 |
| 3 | Obstacle Type | Building |
| 4 | Owner's Name | rdtfyhbjnk |
| 5 | Address | ..... Municipality - , |
| 6 | Plot number | 12354 |
| 7 | Nearest Plot Coordinate | 27.4971563064154, 83.4775543212891 |
| 8 | Runway Coordinate | 27.50288611, 83.42583333 |
| 9 | Distance from RWY to Obstacle | 5151.62 m |
| B. Elevation of Proposed obstacle | | |
| 10 | RL of Plinth (AMSL) | 105 m |
| 11 | Height of obstacle above Plinth | 5 m |
| 12 | Maximum Elevation of Obstacle (AMSL) | 110.000 m |
| C. Allowable Elevation of Obstacle | | |
| 13 | All OLS intruding Obstacle:<br>1. CONICAL [105 + (45 + 5% * (5151.620- 4000)) = 207.581]<br>2. APPROACH - SECOND SECTION 28 [105 + (60 + 2.5% * (2089.434) = 217.236]<br>3. TAKE-OFF CLIMB SURFACE 28 [105 + (0% * (4849.434) = 105.000] | |
| 14 | Restricting OLS | TAKE-OFF CLIMB SURFACE 28 |
| 15 | RL of Reference point of Restricting OLS (AMSL) | 105 m |
| 16 | Surface height above Reference RL for Restricting OLS | 0.000 m |
| 17 | Allowable Maximum Obstacle Elevation | 105 + (0% * (4849.434) = 105.000 |
| D. Reference | | |
| 18 | Hence, Maximum Permitted height of obstacle | 105.000 m |
| 19 | Runway Classification | Precision Approach Category II or III Code No 4E |
| 20 | Airport | VNBW |
| 21 | Documents refered for OLS | OLS Chart of ICAO Annex-14 Volume I, Chapter 4 and CAR-14 |
| E. Google Earth Image showing RWY to Obstacle position | | |