..... International Airport Civil Aviation Office

..... Municipality-, ...

Civil Engineering Division

Obstacle Height Calculation Sheet

A. General Information		
1	Obstacle Calculation ID	2
2	Fiscal Year	7980
3	Obstacle Type	Building
4	Owner's Name	Frst
5	Address	Mike Municipality - ,
6	Plot number	123
7	Nearest Plot Coordinate	27.4951767859642, 83.4784984588623
8	Runway Coordinate	27.50248333, 83.42576389
9	Distance from RWY to Obstacle	5275.11 m
B. Elevation of Proposed obstacle		
10	RL of Plinth (AMSL)	105 m
11	Height of obstacle above Plinth	23 m
12	Maximum Elevation of Obstacle (AMSL)	128.000 m
C. Allowable Elevation of Obstacle		
13	All OLS intruding Obstacle: 1. CONICAL [105 + (45 + 5% * (5275.110- 4000)) = 213.756 = 213.756] 2. APPROACH - SECOND SECTION 28 [105 + (60 + 2.5% * (2215.103) = 220.378 = 220.378] 3. TAKE-OFF CLIMB SURFACE 28 [105 + (2% * (4975.103) = 204.502 = 204.502]	
14	RL of RWY (AMSL)	105 m
15	Restricting OLS	TAKE-OFF CLIMB SURFACE 28
16	Surface height above RWY	99.502 m
17	Allowable Maximum Obstacle Elevation	105 + (2% * (4975.103) = 204.502
D. Reference		
18	Hence, Maximum Permitted height of obstacle	128.000 m
19	Runway Classification	Precision Approach Category II or III Code No 4E
20	Airport	VNBW
21	Docs refered	OLS Chart of ICAO Annex-14 Volume I, Chapter 4 and CAR-14
E. Google Earth Image showing RWY to Obstacle position