..... International Airport Civil Aviation Office

..... Municipality-, ...

Civil Engineering Division

Obstacle Height Calculation Sheet

A. General Information		
1	Obstacle Calculation ID	7
2	Fiscal Year	7980
3	Obstacle Type	Building
4	Owner's Name	asdfasfas
5	Address	..... Municipality - ,
6	Plot number	524
7	Nearest Plot Coordinate	27.4966994971631, 83.477725982666
8	Runway Coordinate	27.50288611, 83.42583333
9	Distance from RWY to Obstacle	5174.94 m
B. Elevation of Proposed obstacle		
10	RL of Plinth (AMSL)	100 m
11	Height of obstacle above Plinth	10 m
12	Maximum Elevation of Obstacle (AMSL)	110.000 m
C. Allowable Elevation of Obstacle		
13	All OLS intruding Obstacle: 1. CONICAL [105 + (45 + 5% * (5174.940- 4000)) = 208.747] 2. APPROACH - SECOND SECTION 28 [105 + (60 + 2.5% * (2113.920) = 217.848] 3. TAKE-OFF CLIMB SURFACE 28 [105 + (2% * (4873.920) = 202.478]	
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	97.478 m
17	Allowable Maximum Obstacle Elevation	105 + (2% * (4873.920) = 202.478
D. Reference		
18	Hence, Maximum Permitted height of obstacle	110.000 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