..... International Airport Civil Aviation Office

..... Municipality-, ...

Civil Engineering Division

Obstacle Height Calculation Sheet

A. General Information		
1	Obstacle Calculation ID	3
2	Fiscal Year	7980
3	Obstacle Type	Tower
4	Owner's Name	Tango Charlie Alpha
5	Address	This Municipality - ,
6	Plot number	123
7	Nearest Plot Coordinate	27.5016481630882, 83.4333515167236
8	Runway Coordinate	27.5026837416667, 83.4257985838116
9	Distance from RWY to Obstacle	755.33 m
B. Elevation of Proposed obstacle		
10	RL of Plinth (AMSL)	110 m
11	Height of obstacle above Plinth	10 m
12	Maximum Elevation of Obstacle (AMSL)	120.000 m
C. Allowable Elevation of Obstacle		
13	All OLS intruding Obstacle: 1. INNER HORIZONTAL [105 + 45.000 = 150.000] 2. APPROACH - FIRST SECTION 28 [105 + (2% * (695.327) = 118.907] 3. TAKE-OFF CLIMB SURFACE 28 [105 + (2% * (455.327) = 114.107] 4. INNER APPROACH 28 [105 + (2% * (695.327) = 118.907]	
14	RL of RWY (AMSL)	105 m
15	Restricting OLS	TAKE-OFF CLIMB SURFACE 28
16	Surface height above RWY	9.107 m
17	Allowable Maximum Obstacle Elevation	105 + (2% * (455.327) = 114.107
D. Reference		
18	Hence, Maximum Permitted height of obstacle	114.107 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