..... Office

..... Municipality-, ...

..... Division

Obstacle Height Calculation Sheet

A. General Information		
1	Obstacle Calculation ID	10
2	Fiscal Year	7980
3	Obstacle Type	Chimney
4	Owner's Name	First First First
5	Address	Those Ruralmunicipality - 22, 22First
6	Plot number	85,54
7	Nearest Plot Coordinate	27.4930449549014, 83.4789276123047
8	Runway Coordinate	27.50248333, 83.42576389
9	Distance from RWY to Obstacle	5358.17 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% * (5358.170- 4000)) = 217.909] 2. APPROACH - SECOND SECTION 28 [105 + (60 + 2.5% * (2293.035) = 222.326] 3. TAKE-OFF CLIMB SURFACE 28 [105 + (2% * (5053.035) = 206.061]	
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	101.061 m
17	Allowable Maximum Obstacle Elevation	105 + (2% * (5053.035) = 206.061
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