Simulation Examples-3

Reliability and Strategic Management Problems

Reliability Problem Calculation grid:

No	\multicolumn{5}{c}{Bearing-1}	\multicolumn{5}{c}{Bearing-2}	\multicolumn{5}{c}{Bearing-3}

			Bearing-1					**Bearing-2**					**Bearing-3**		
No	**RD**	**Life Hrs**	**Acc Life**	**RD**	**Delay Min**	**RD**	**Life Hrs**	**Acc Life**	**RD**	**Delay Min**	**RD**	**Life Hrs**	**Acc Life**	**RD**	**Delay Min**
1															
2															
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															
13															
14															
15															
16															

Bearing Replacement Using Current Method

No	Bearing-1 Life (Hrs)	Bearing-2 Life (Hrs)	Bearing-3 Life (Hrs)	First Failure (Hrs)	Acc Life (Hrs)	RD for Delay	Delay (Min)
Bearing Replacement Using Proposed Method							
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							

Result:

Strategic planning

vertical

Horizontal

400m

500m

1250m
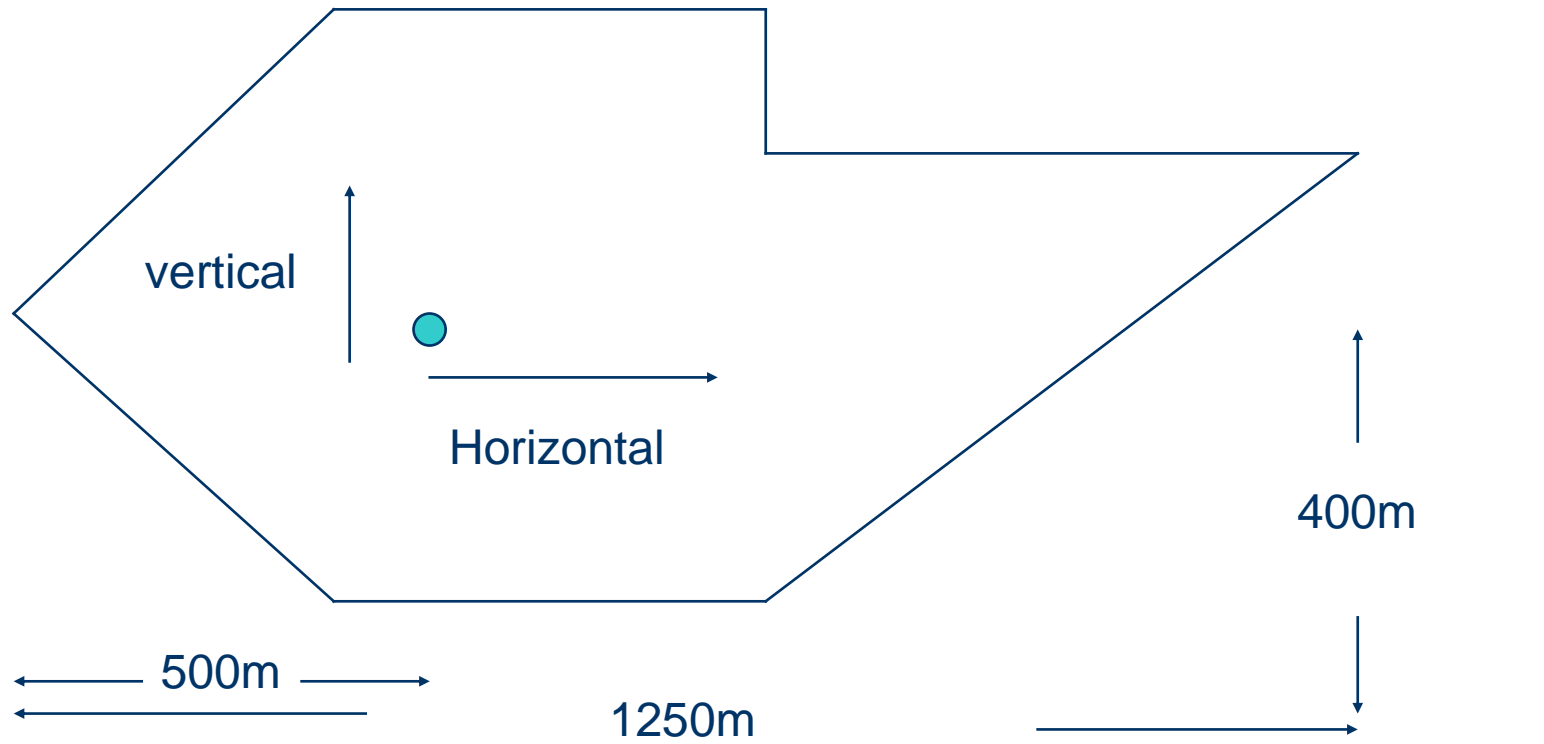
Simulation Table For Strategic Bomber

		Simulated Bombing Run			
Bomber	RNN_x	x-Coordinate (600 RNN_x)	RNN_y	y-Coordinate (300 RNN_y)	Result

Analysis…