



3rd IWG VGL, Paris 18-19 July 2016,

M - vehicles load/levelling measurements proposal

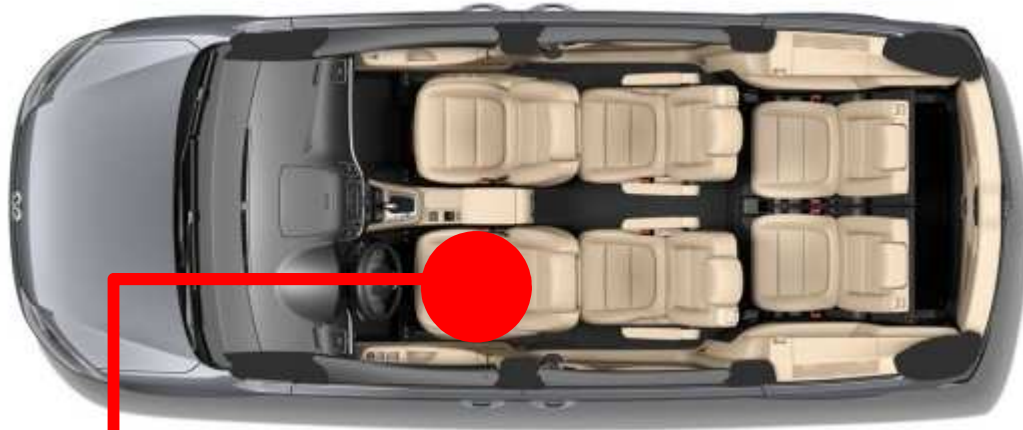
Tomasz Targosiński Ph. D. Eng
Poland



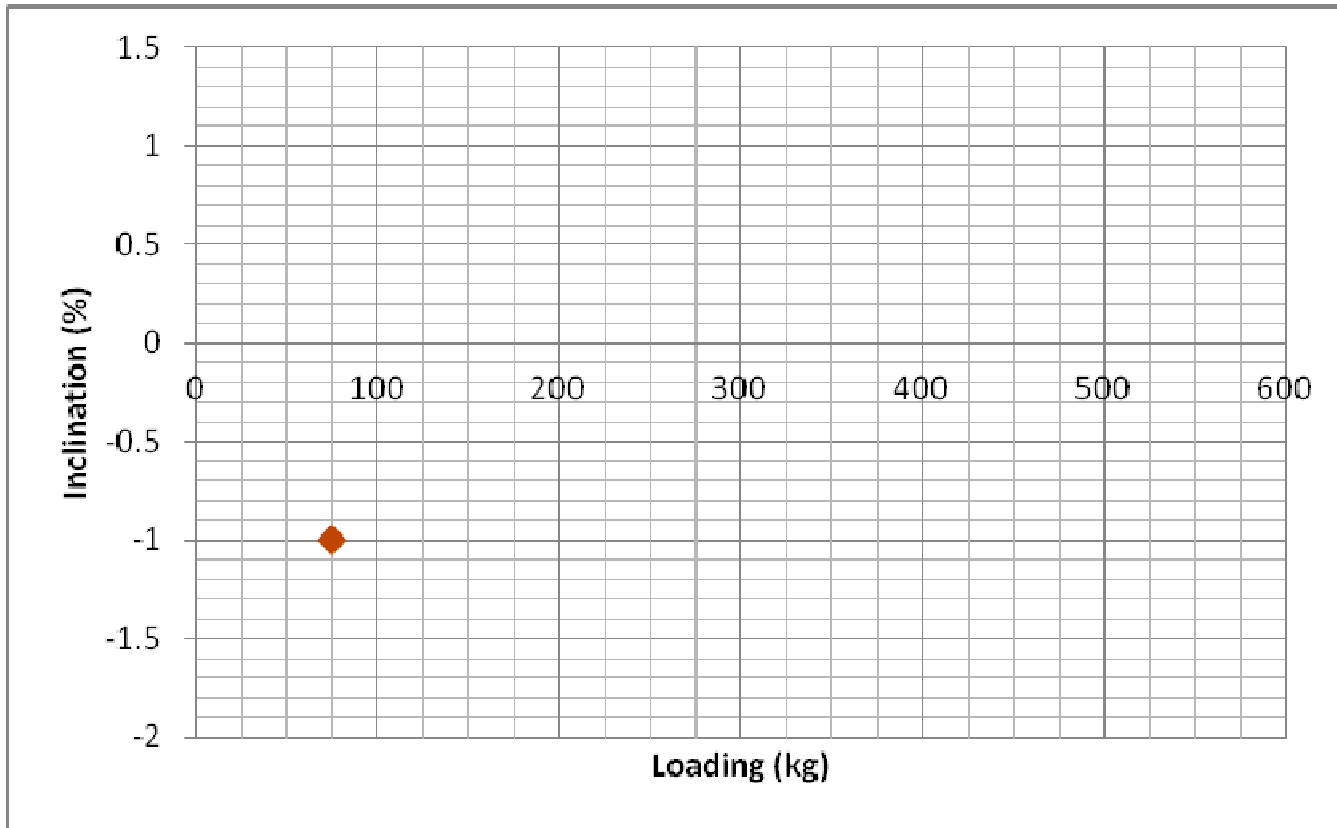
Lowest dipped beam inclination

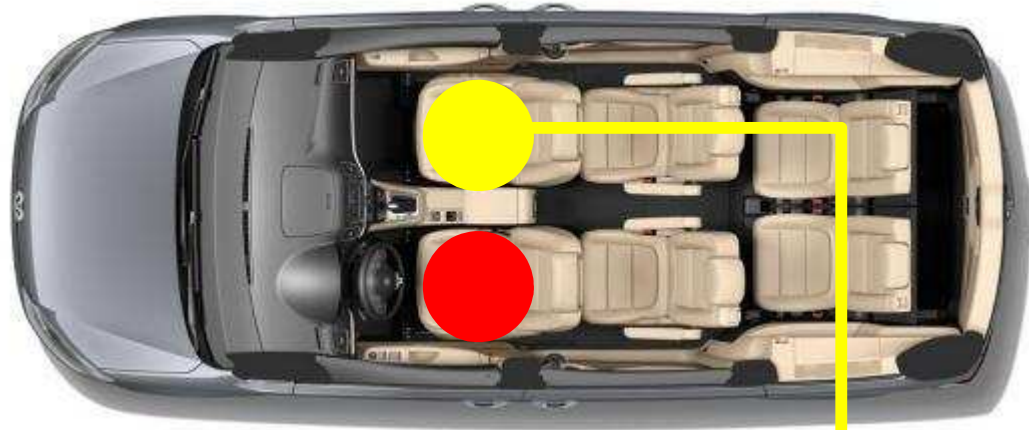
load distribution example



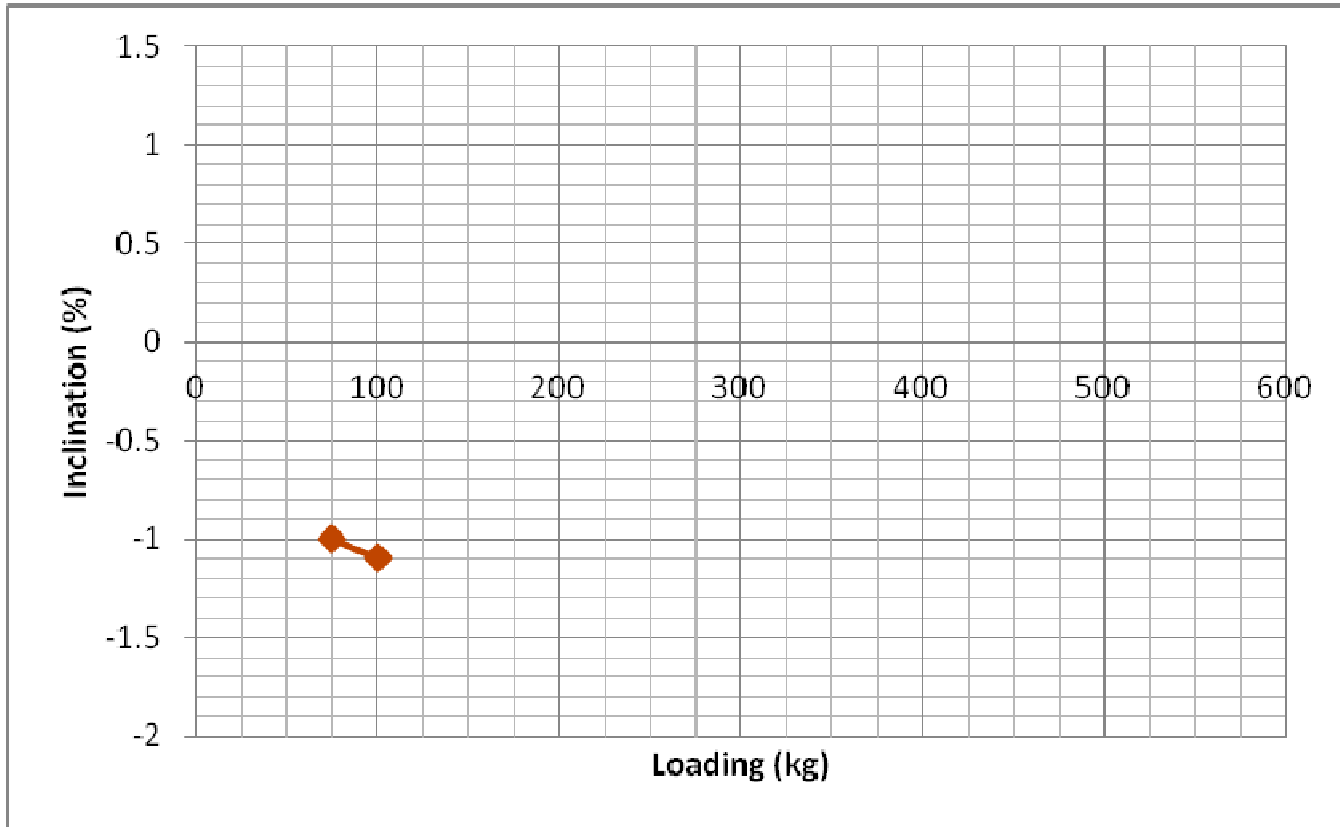


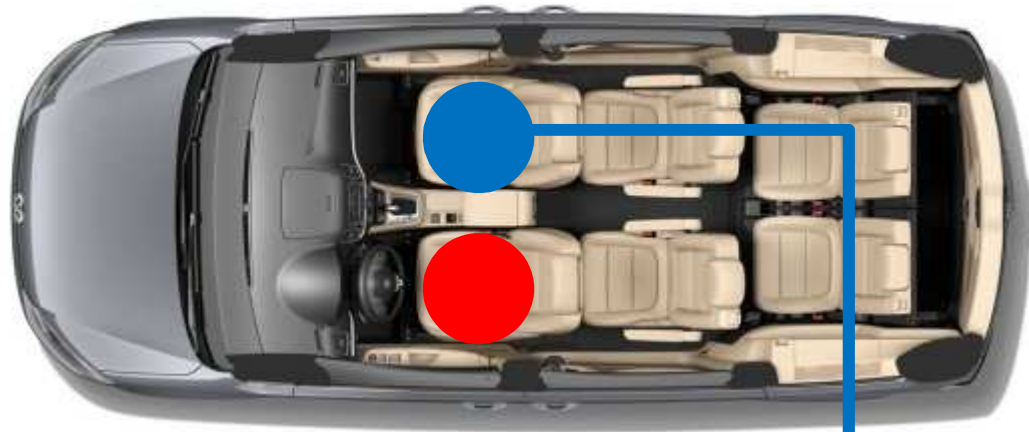
75 kg



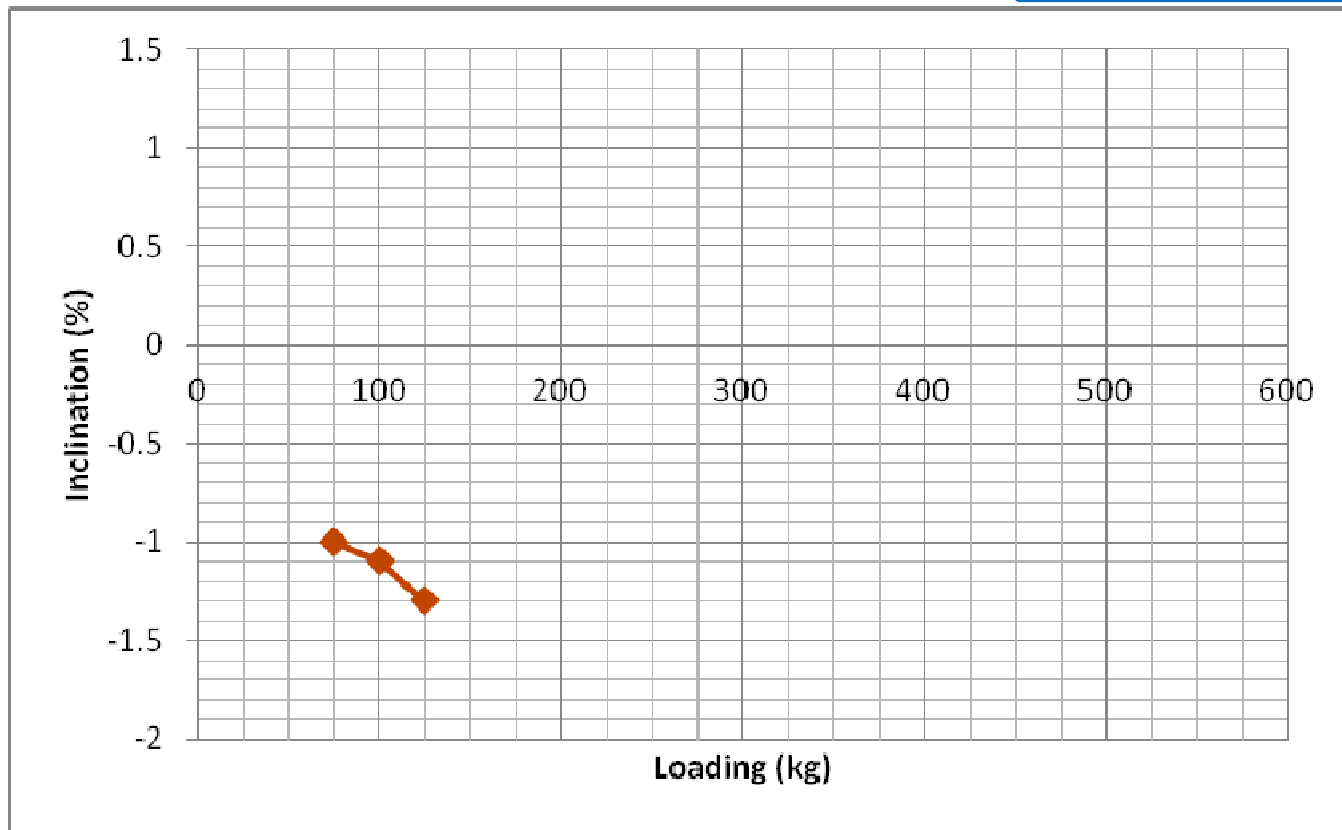


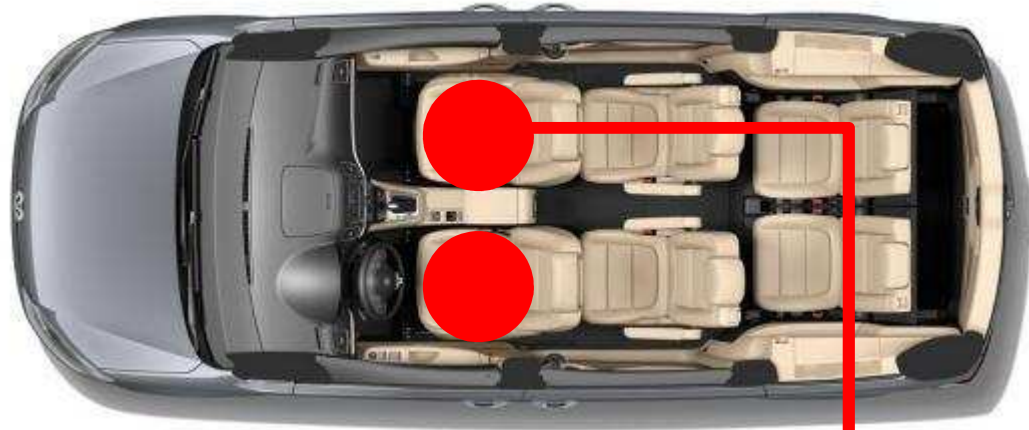
25 kg



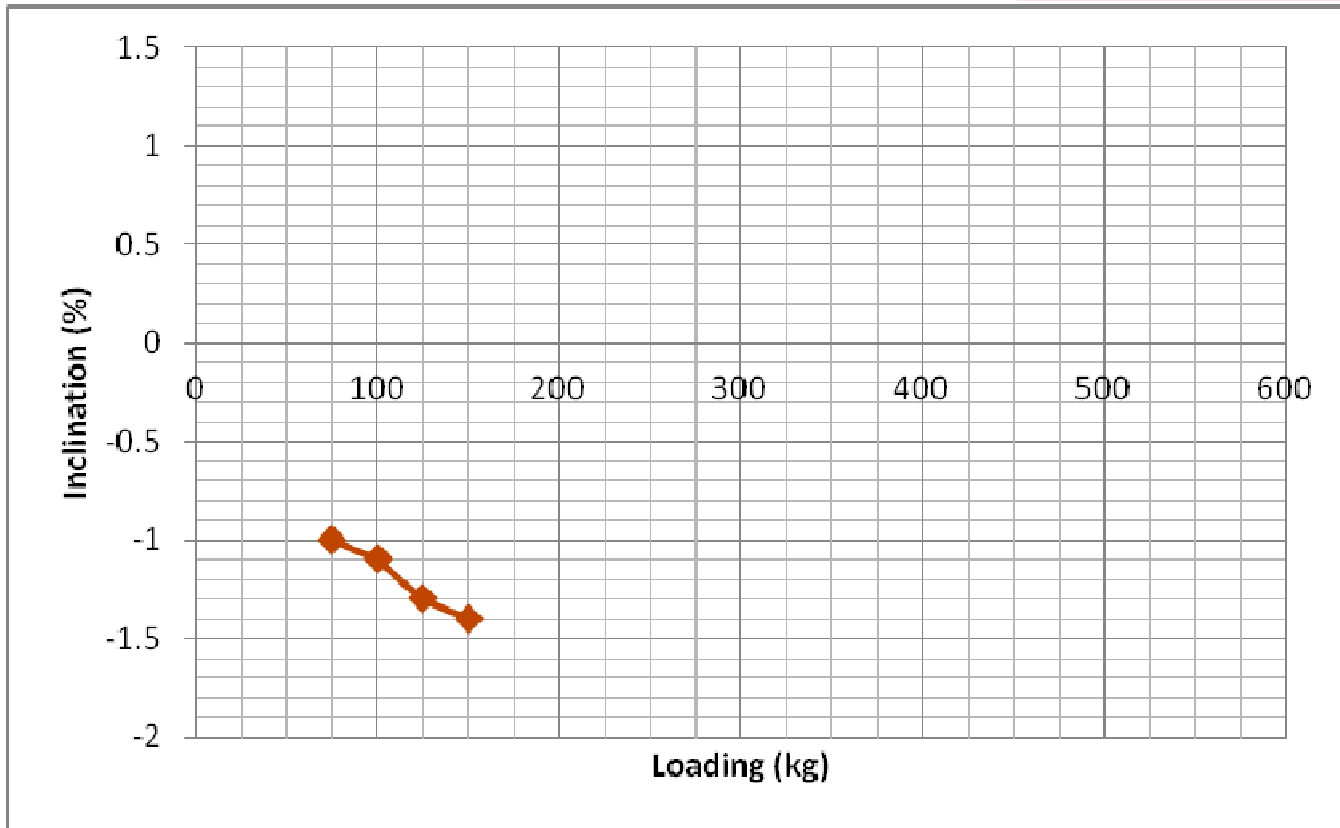


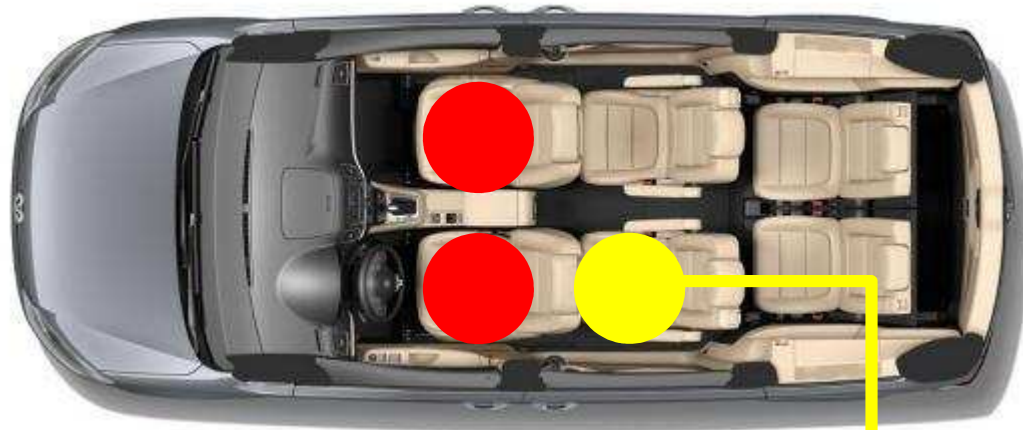
50 kg



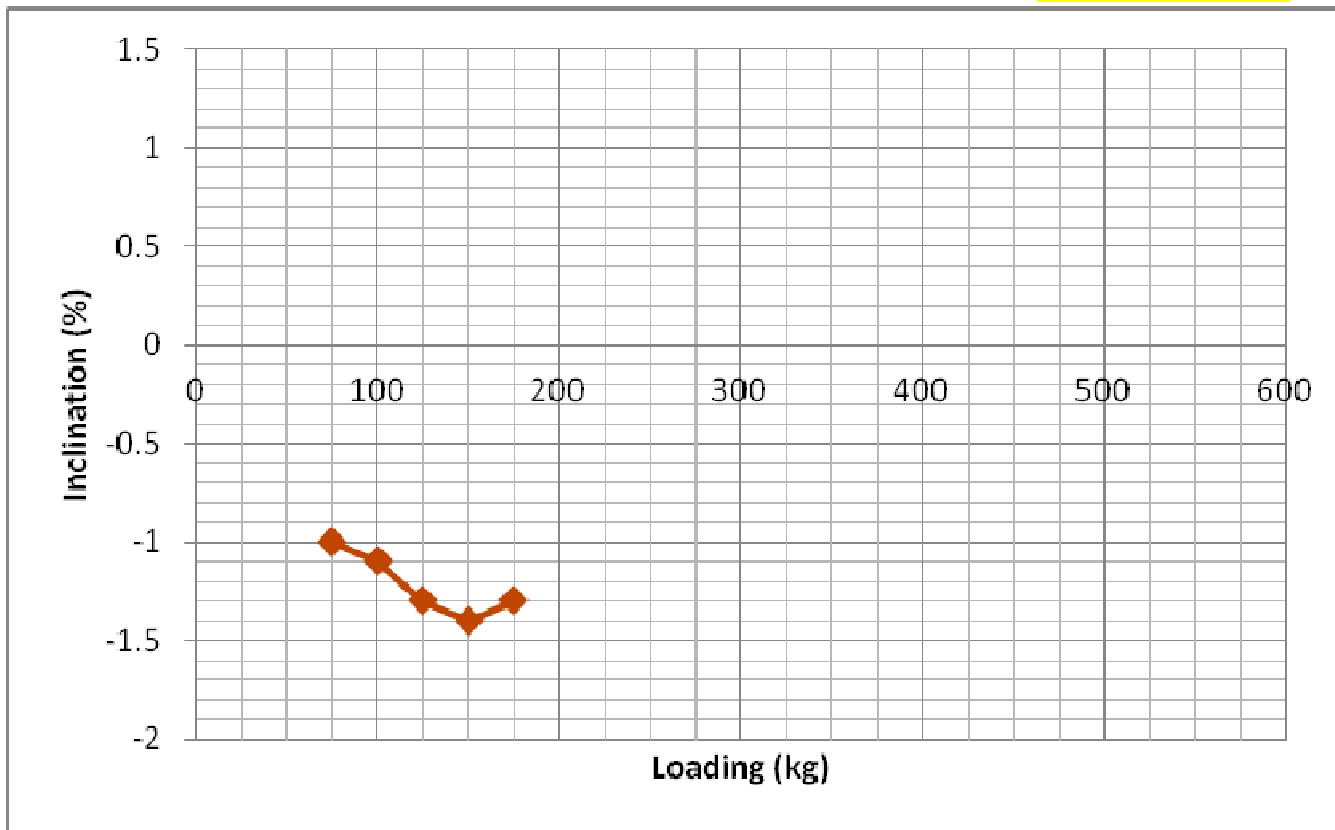


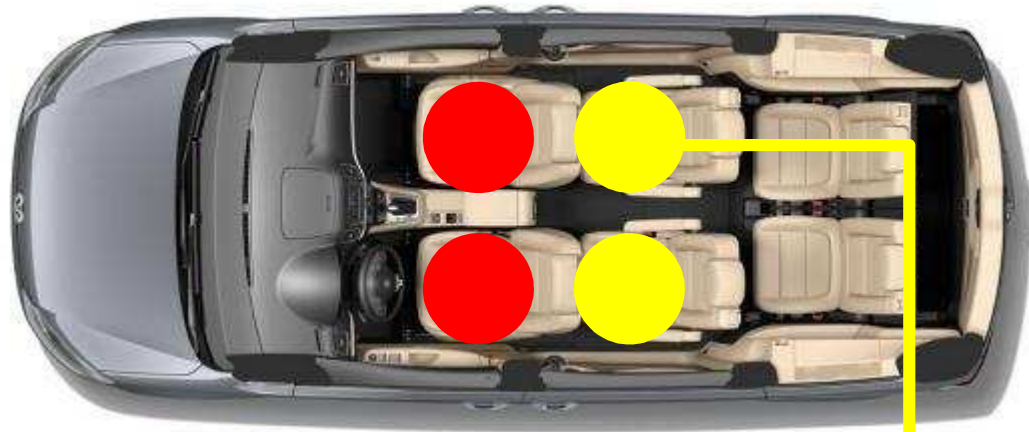
75 kg



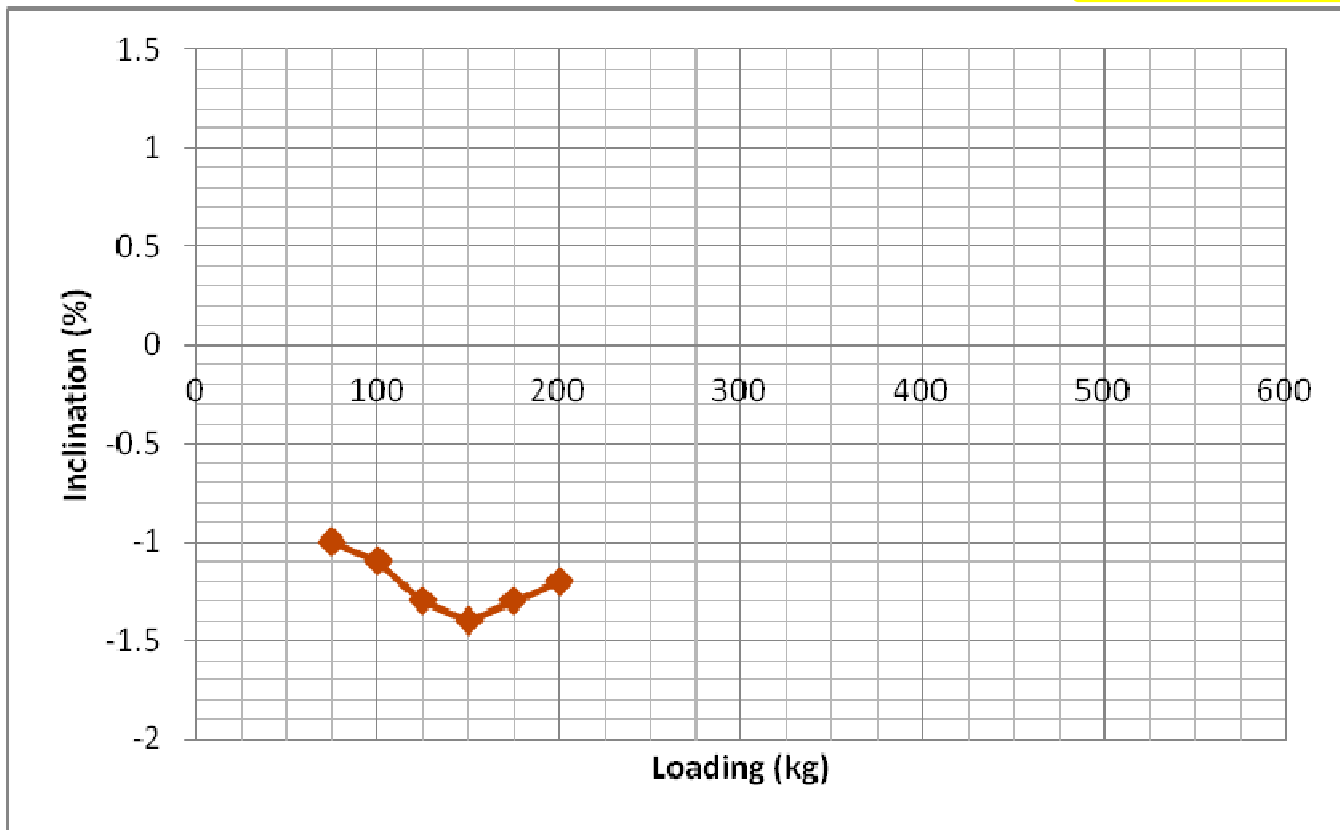


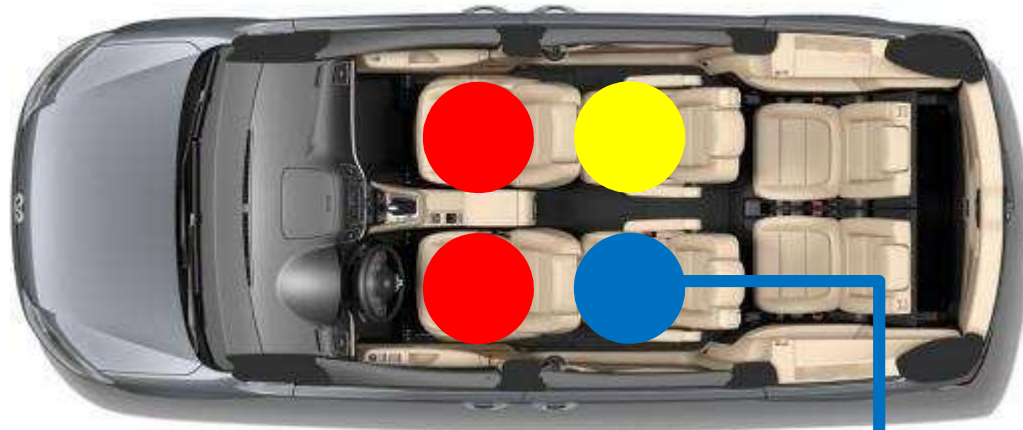
25 kg



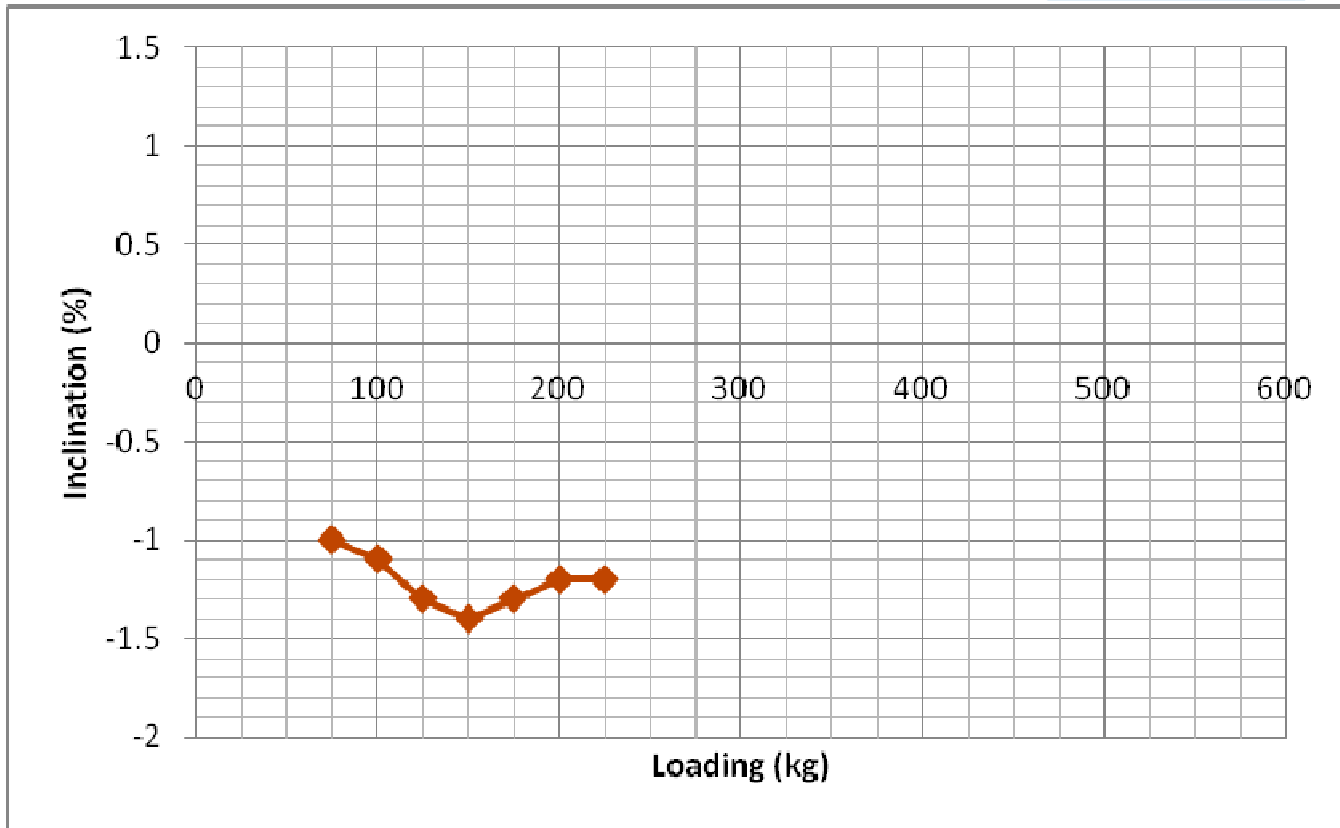


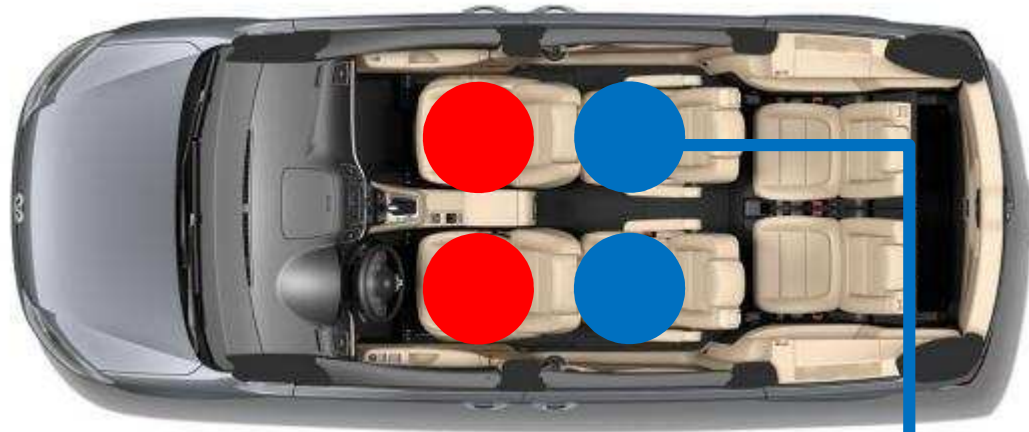
25 kg



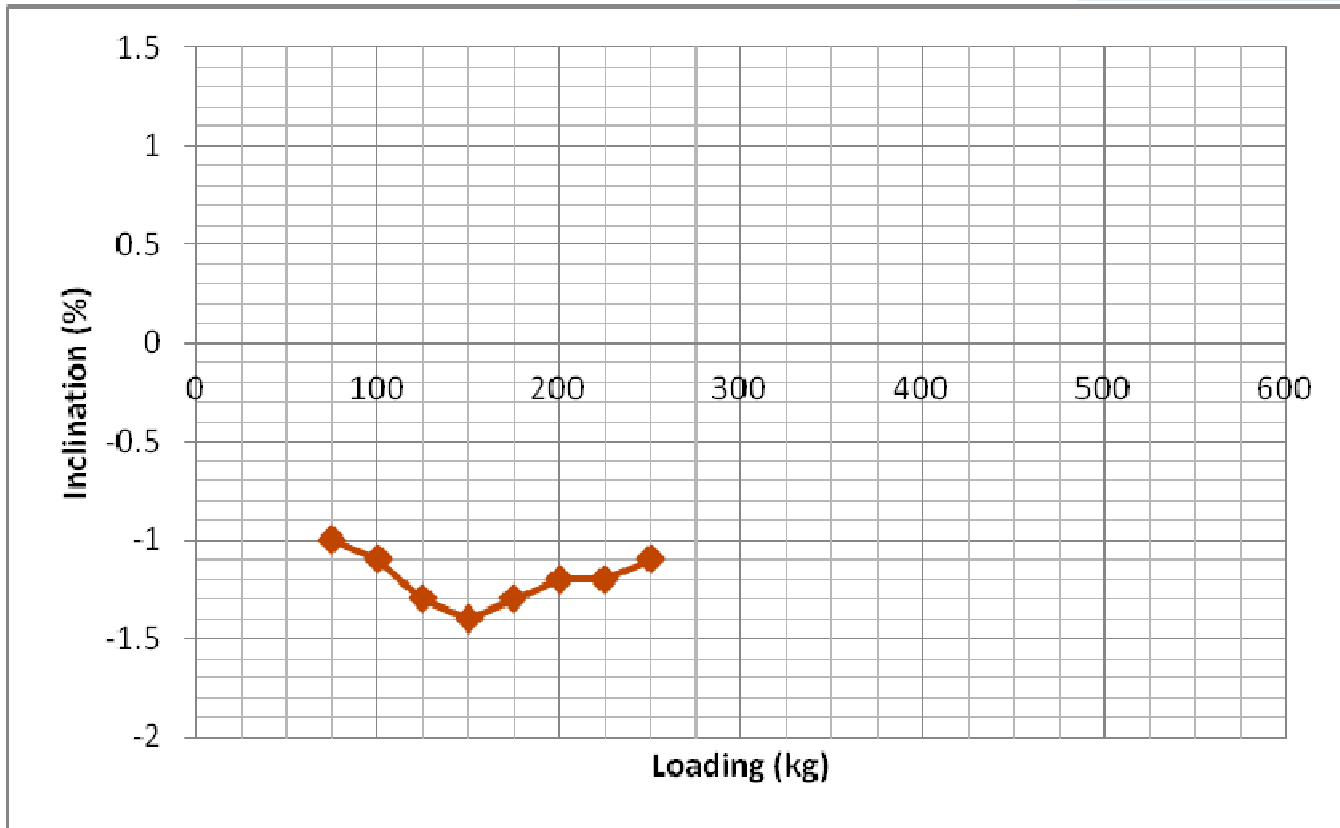


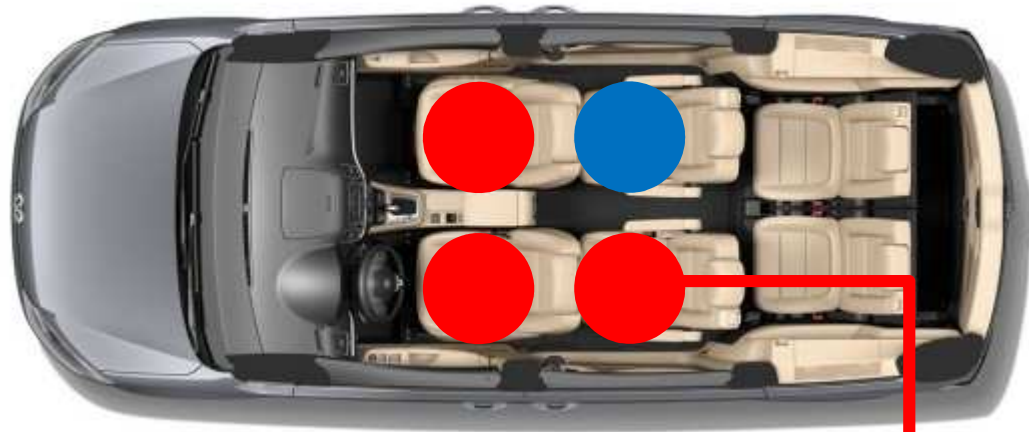
50 kg



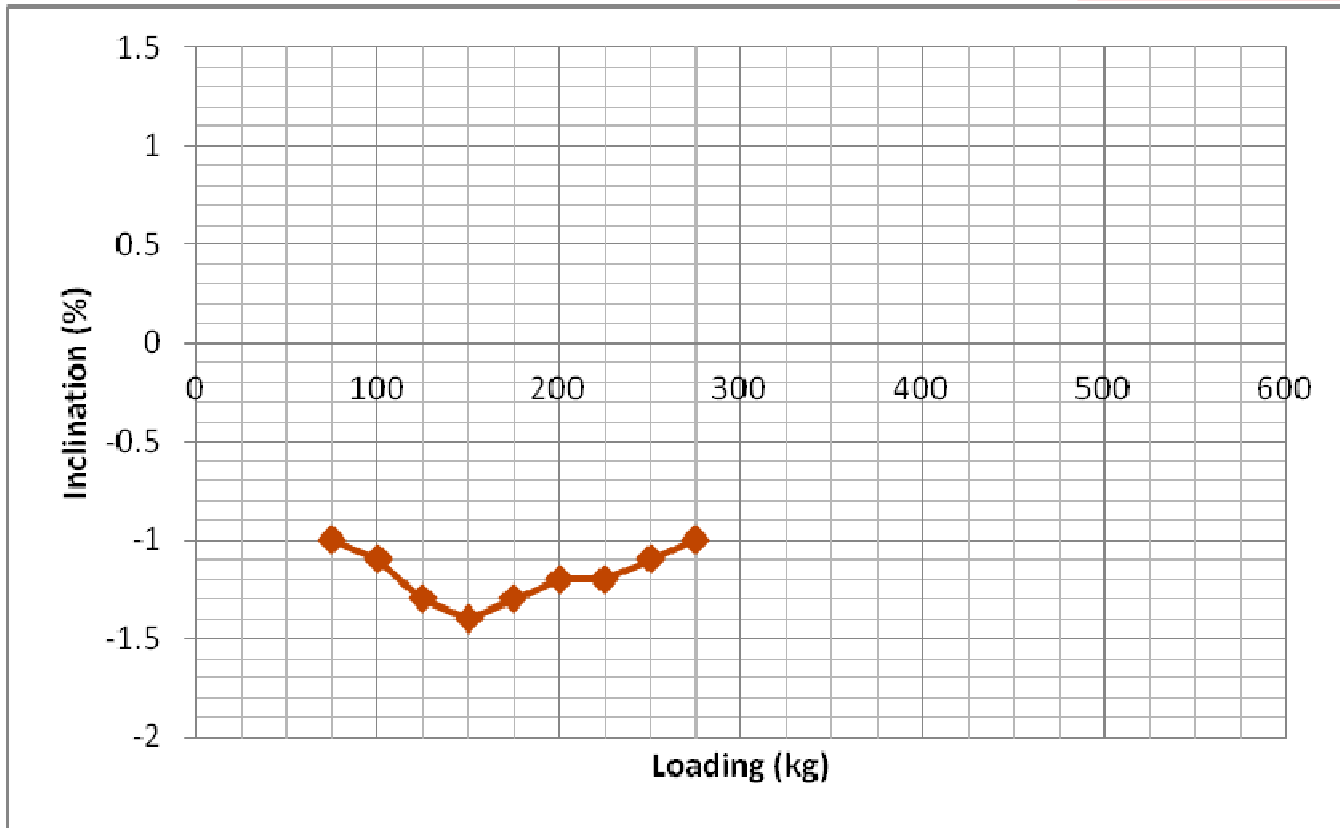


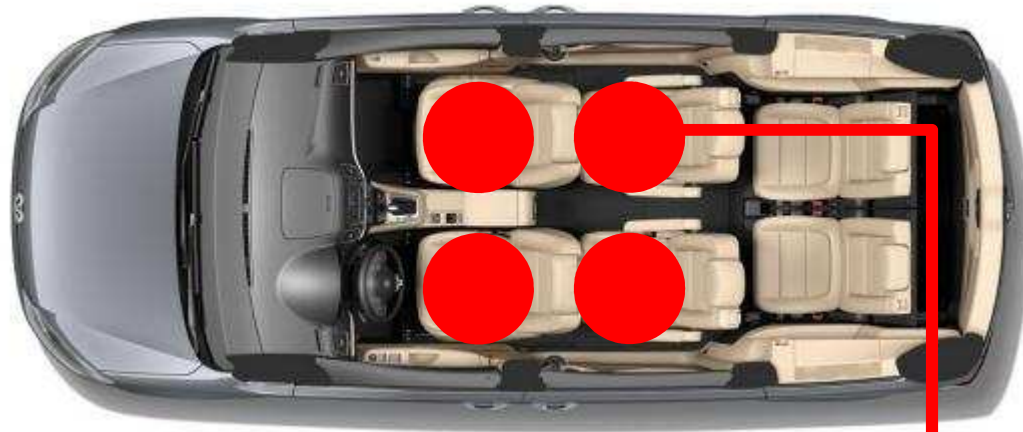
50 kg



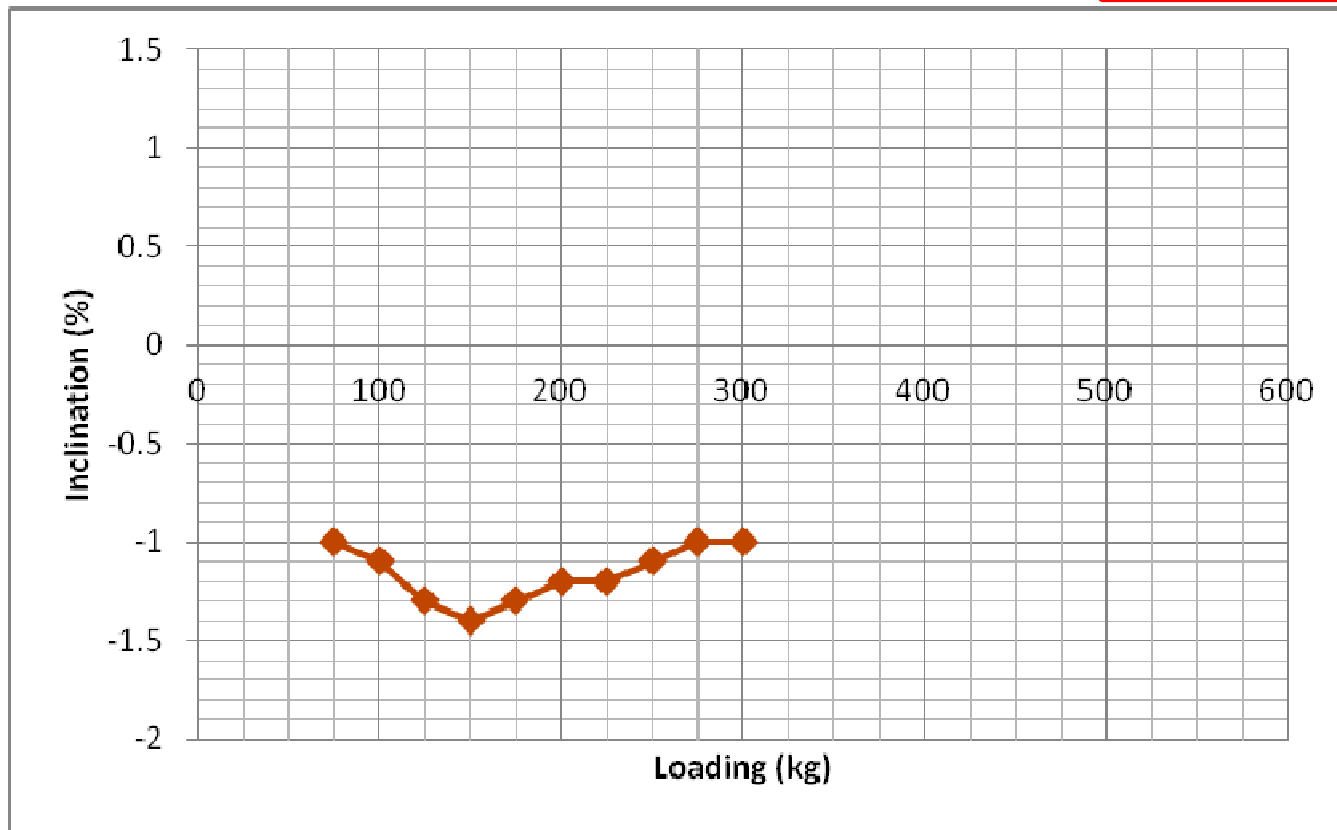


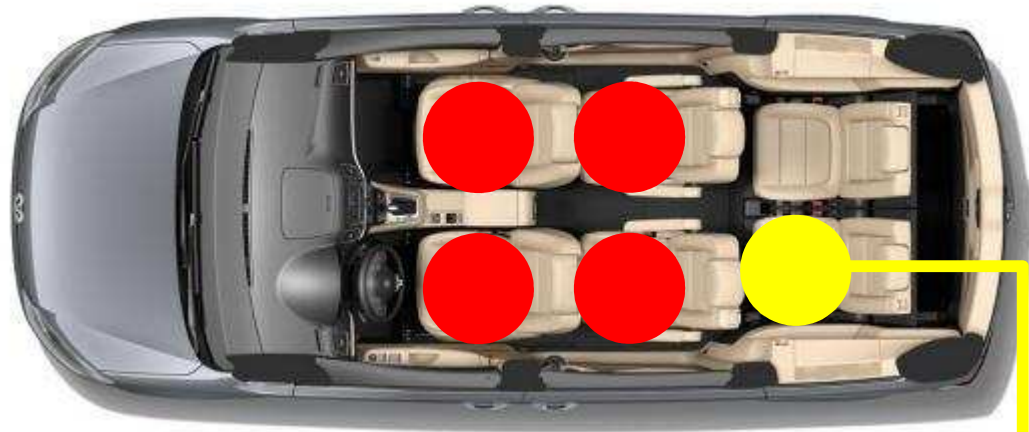
75 kg



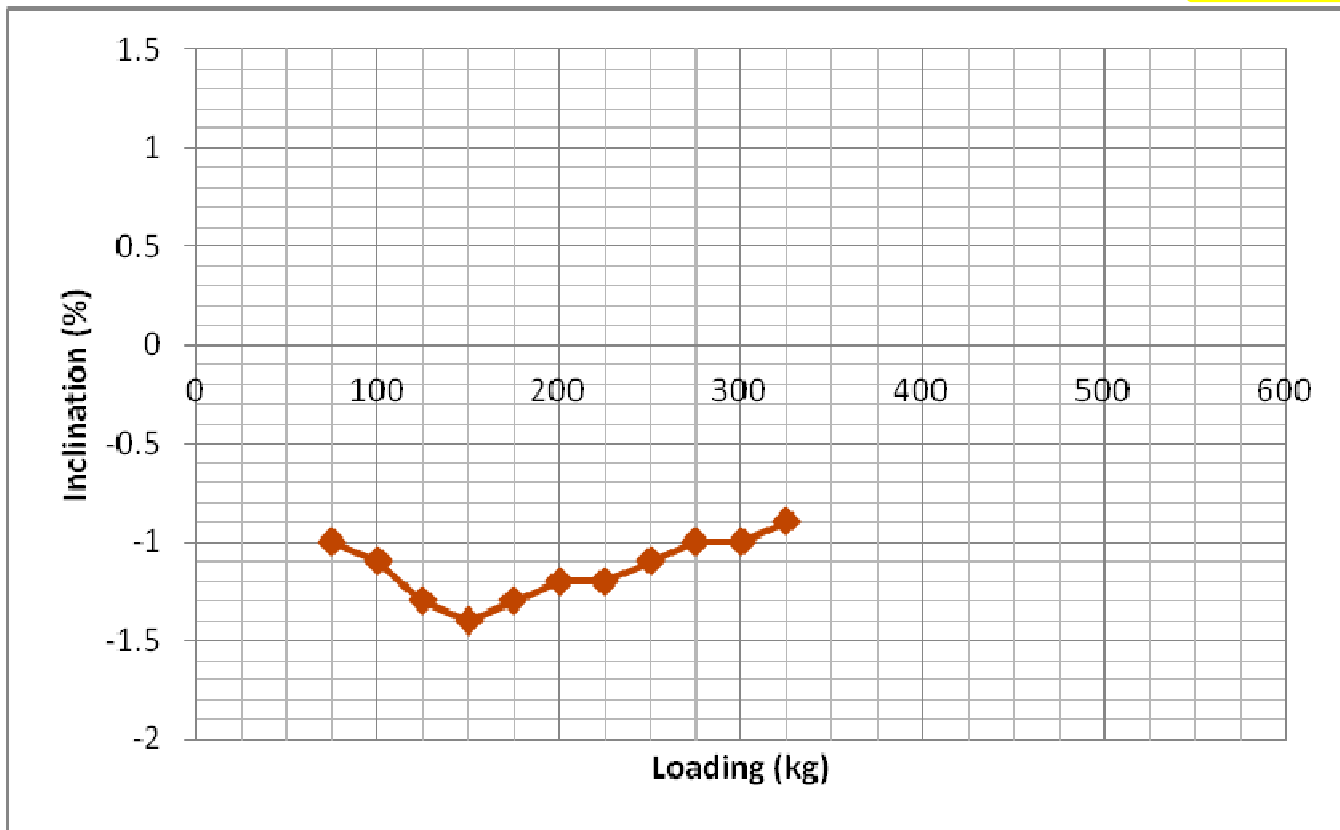


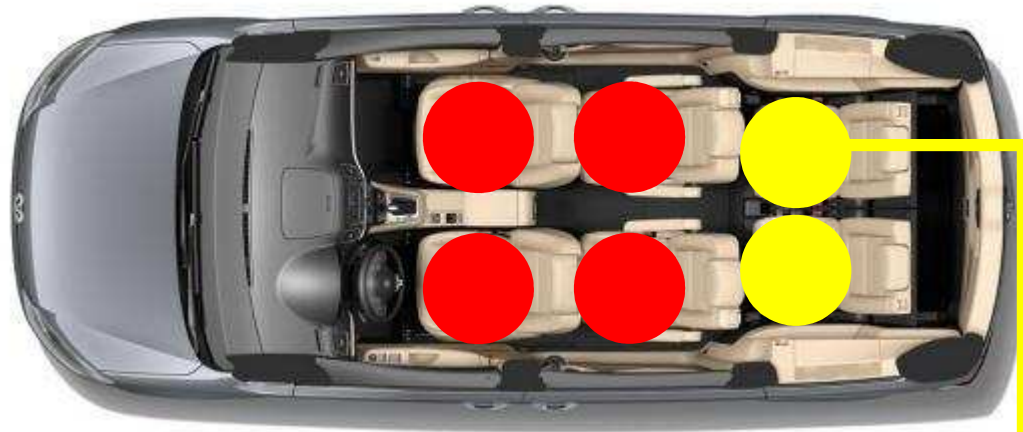
75 kg



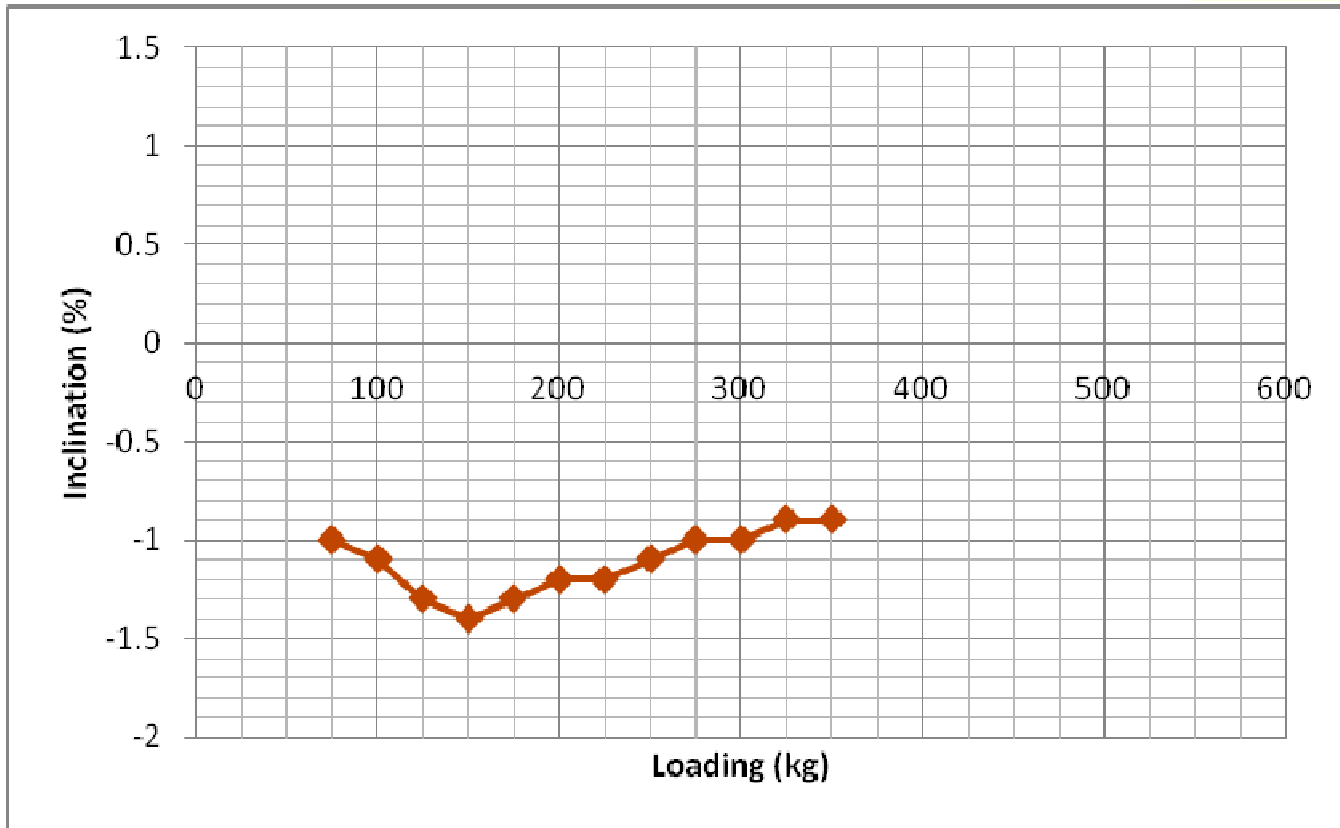


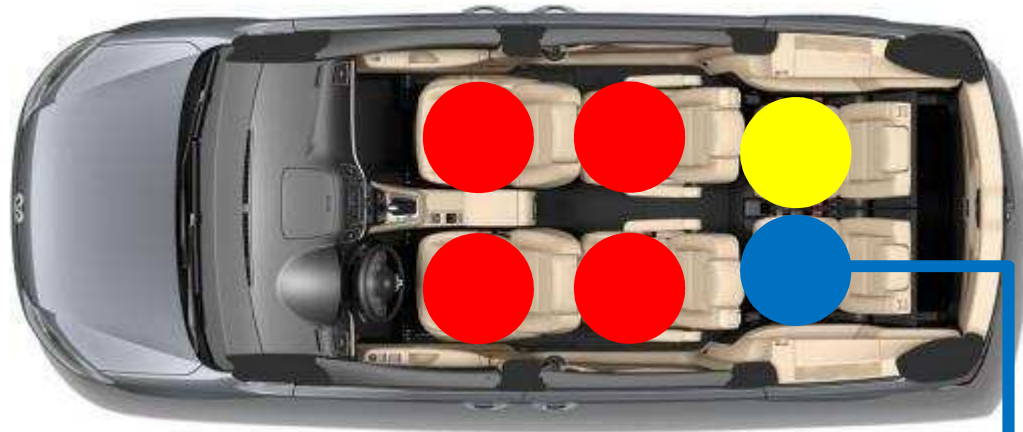
25 kg



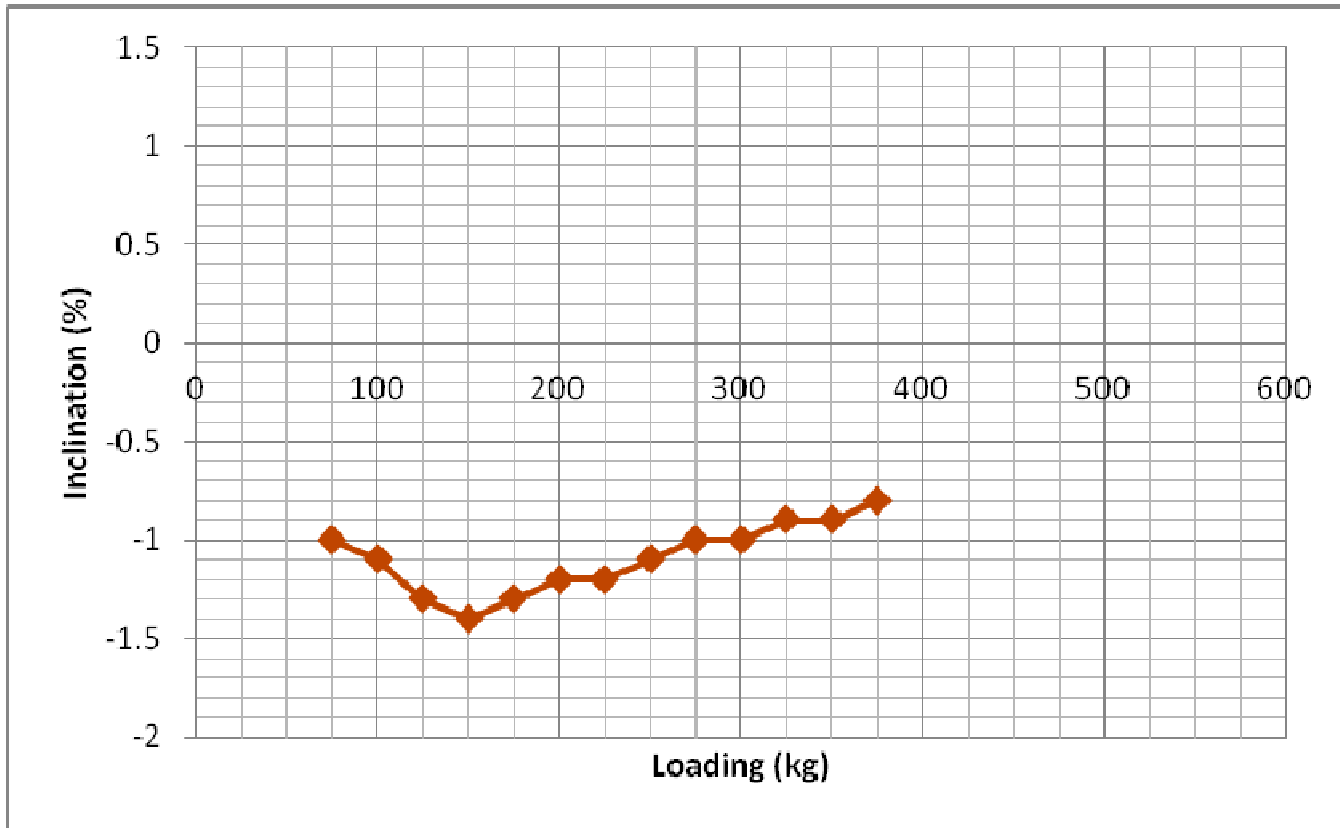


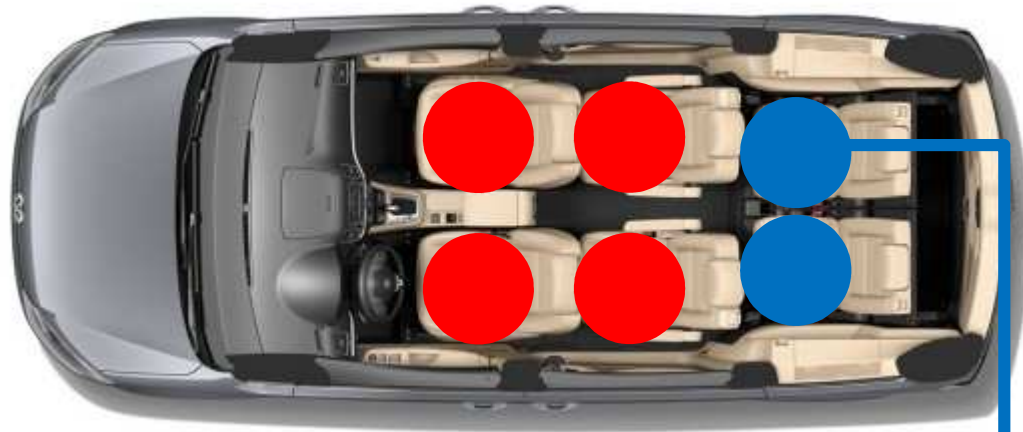
25 kg



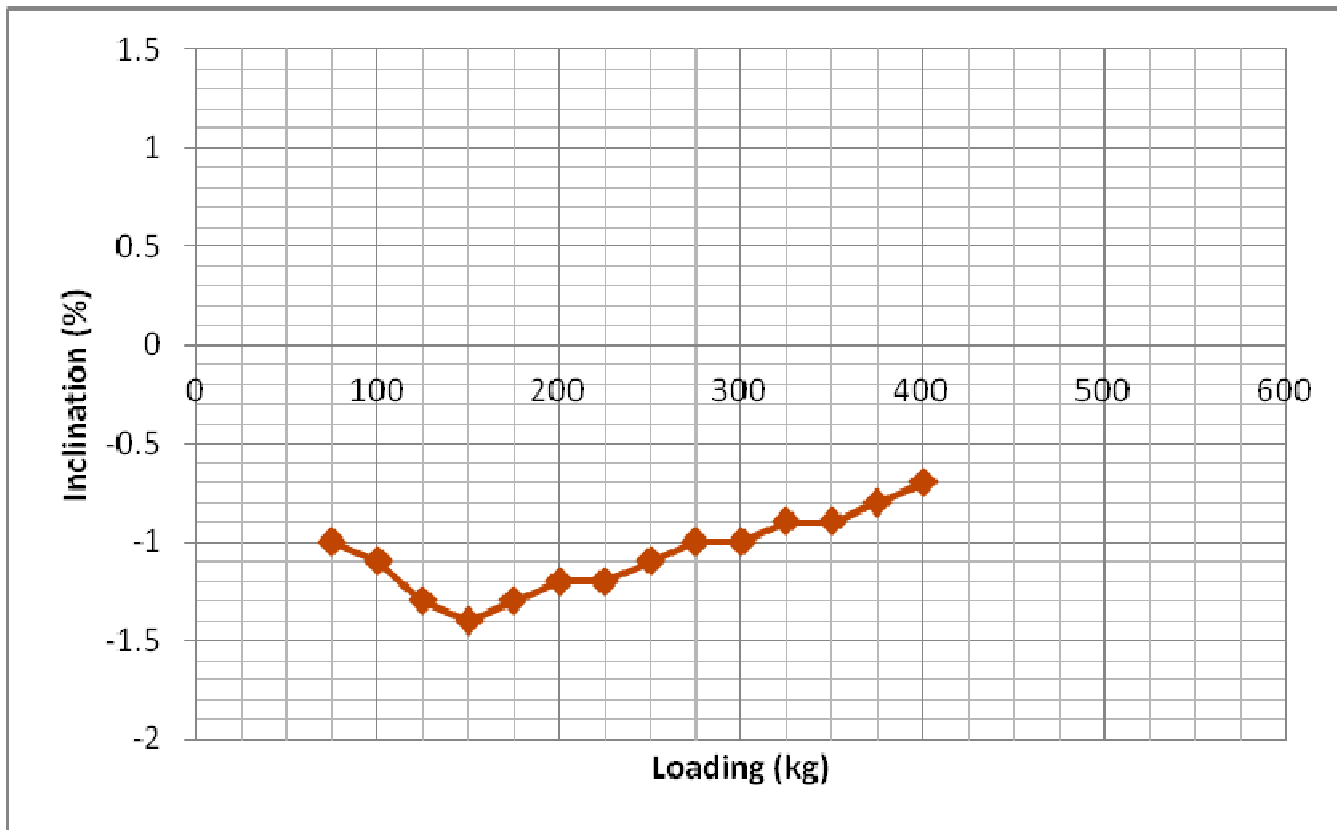


50 kg



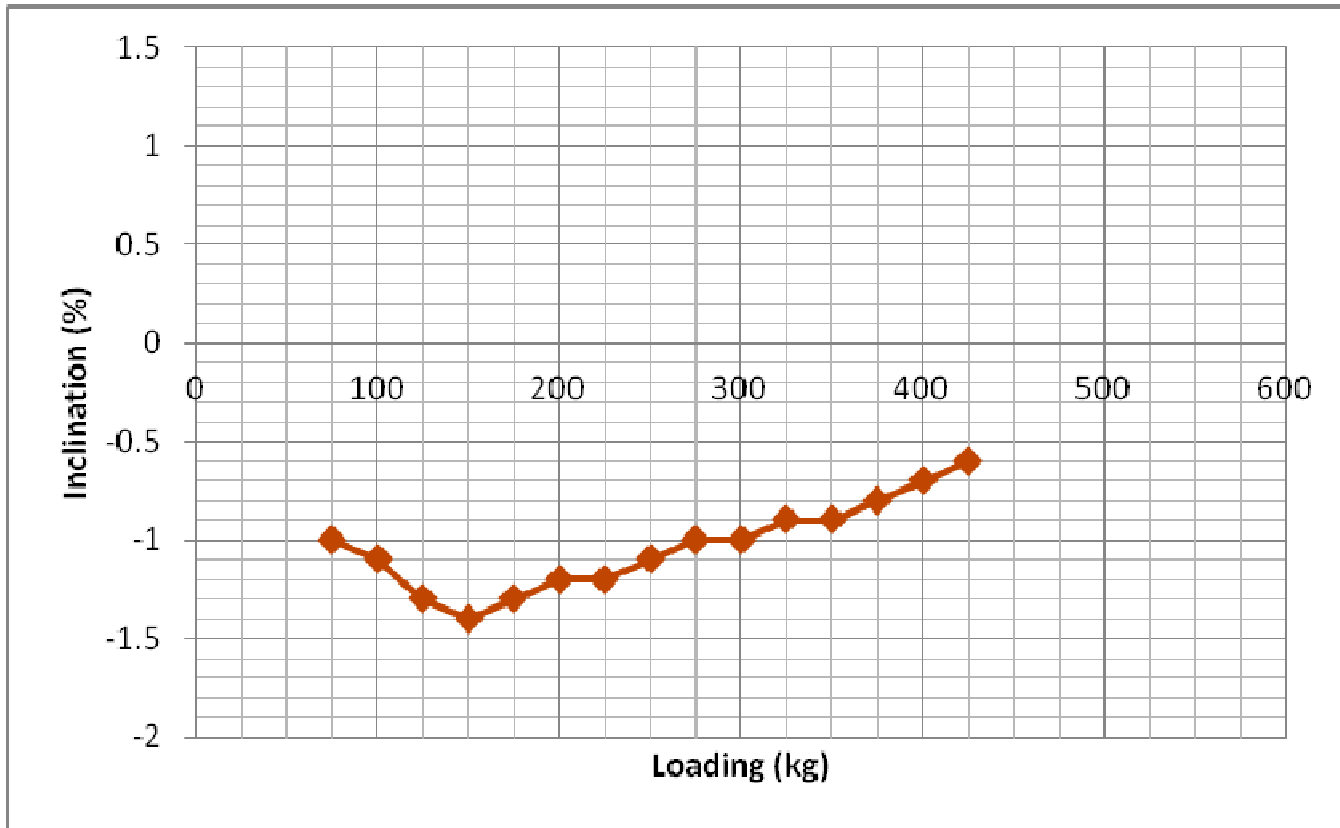


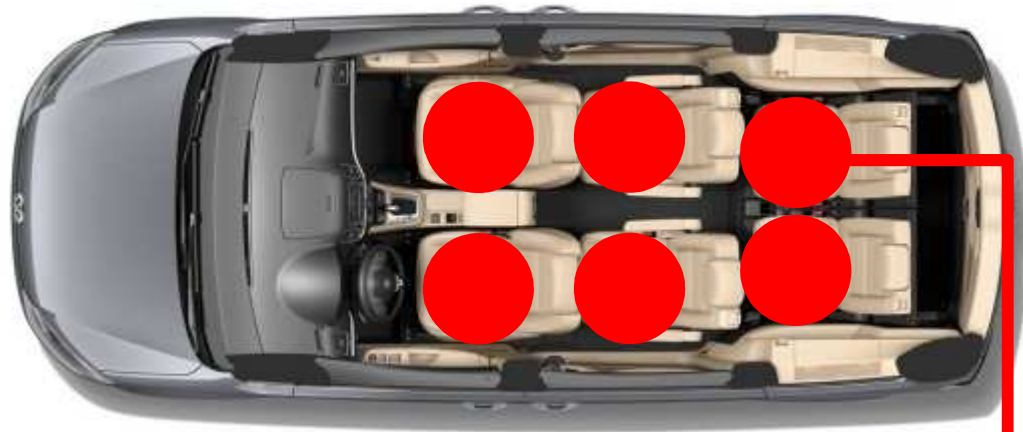
50 kg



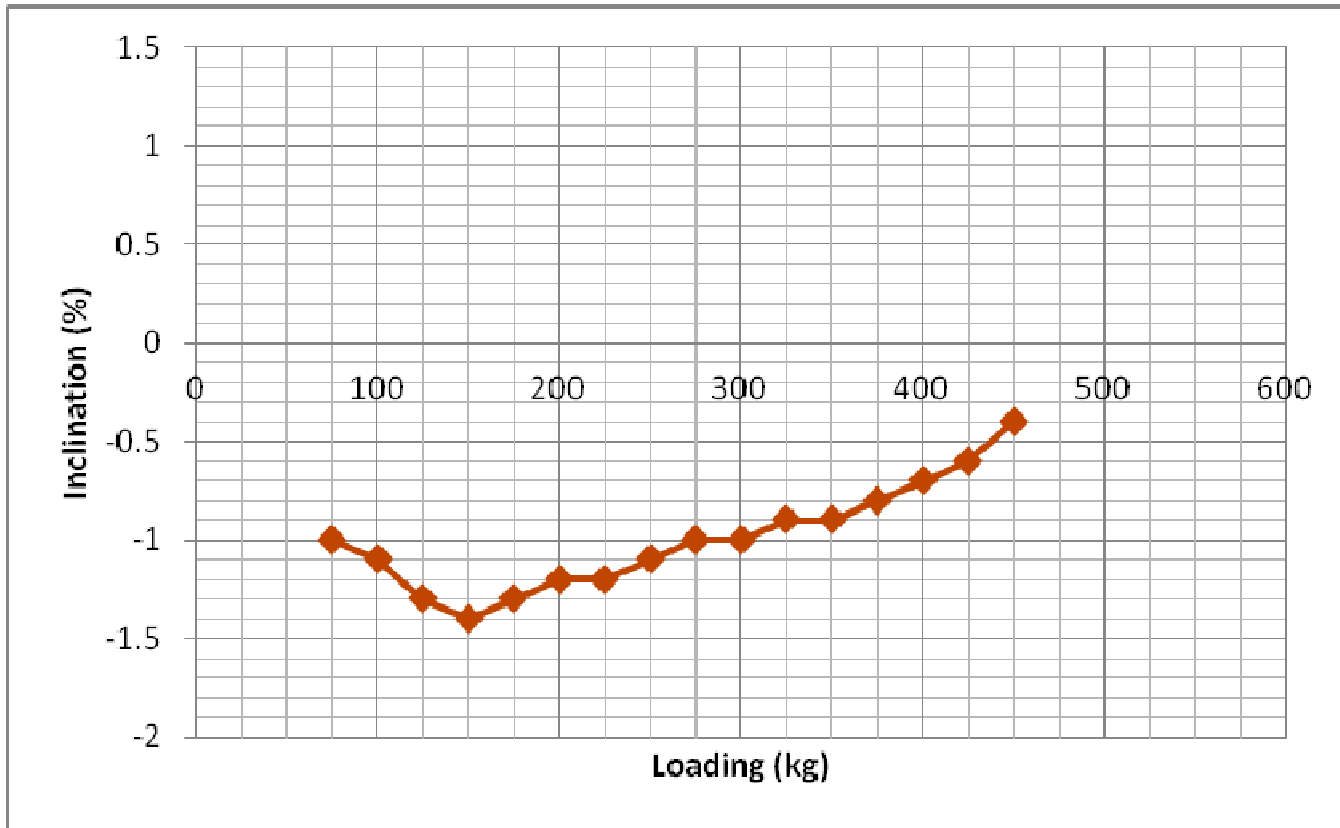


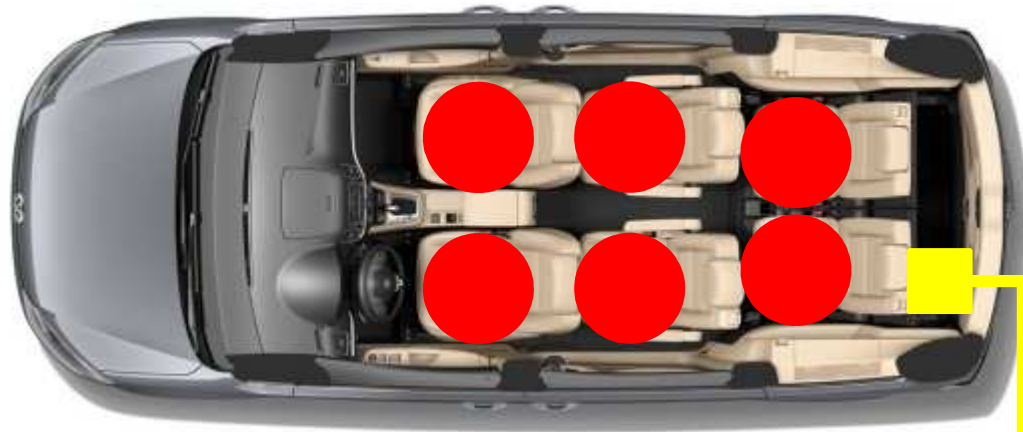
75 kg



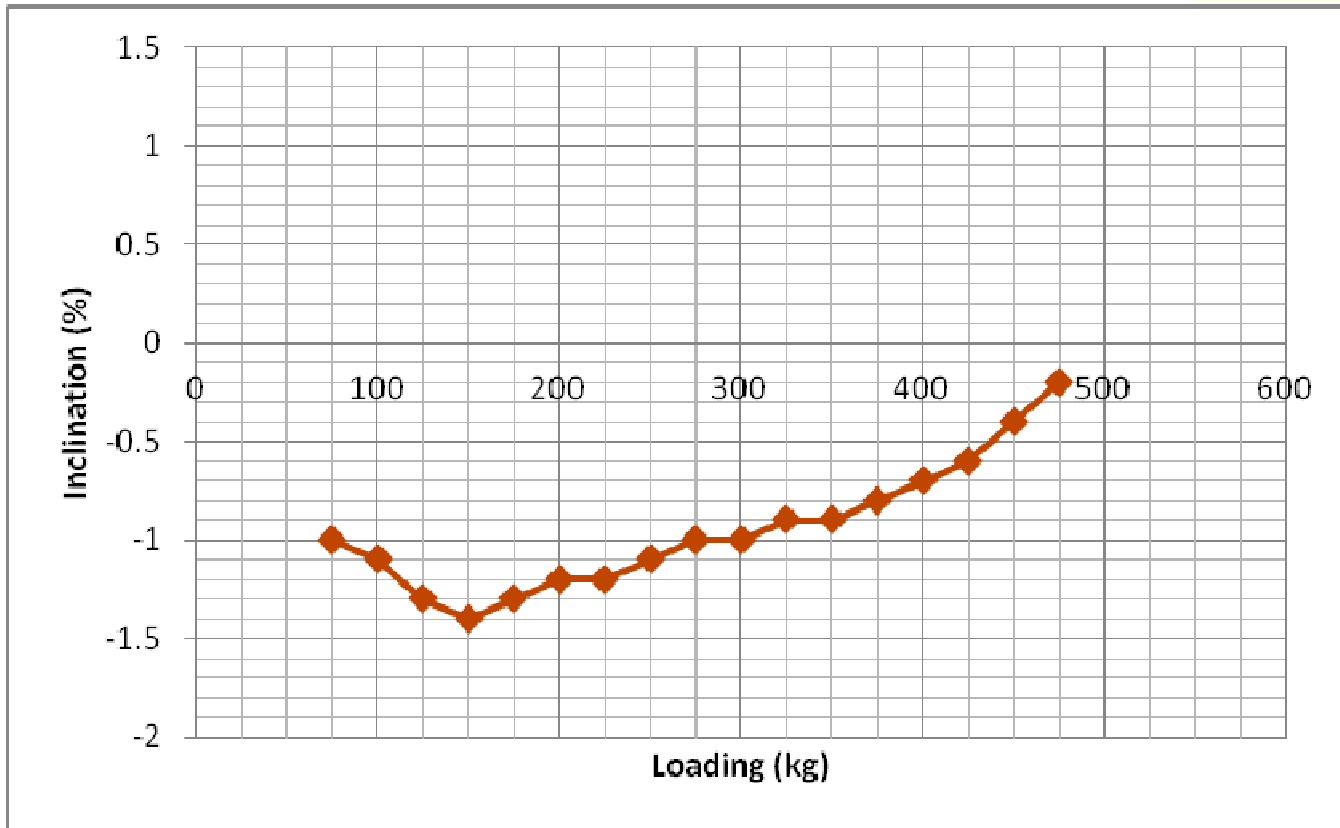


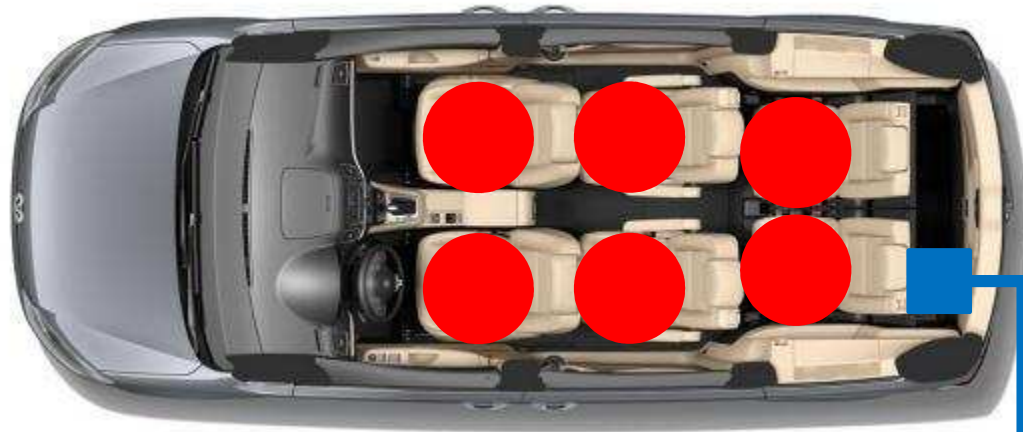
75 kg



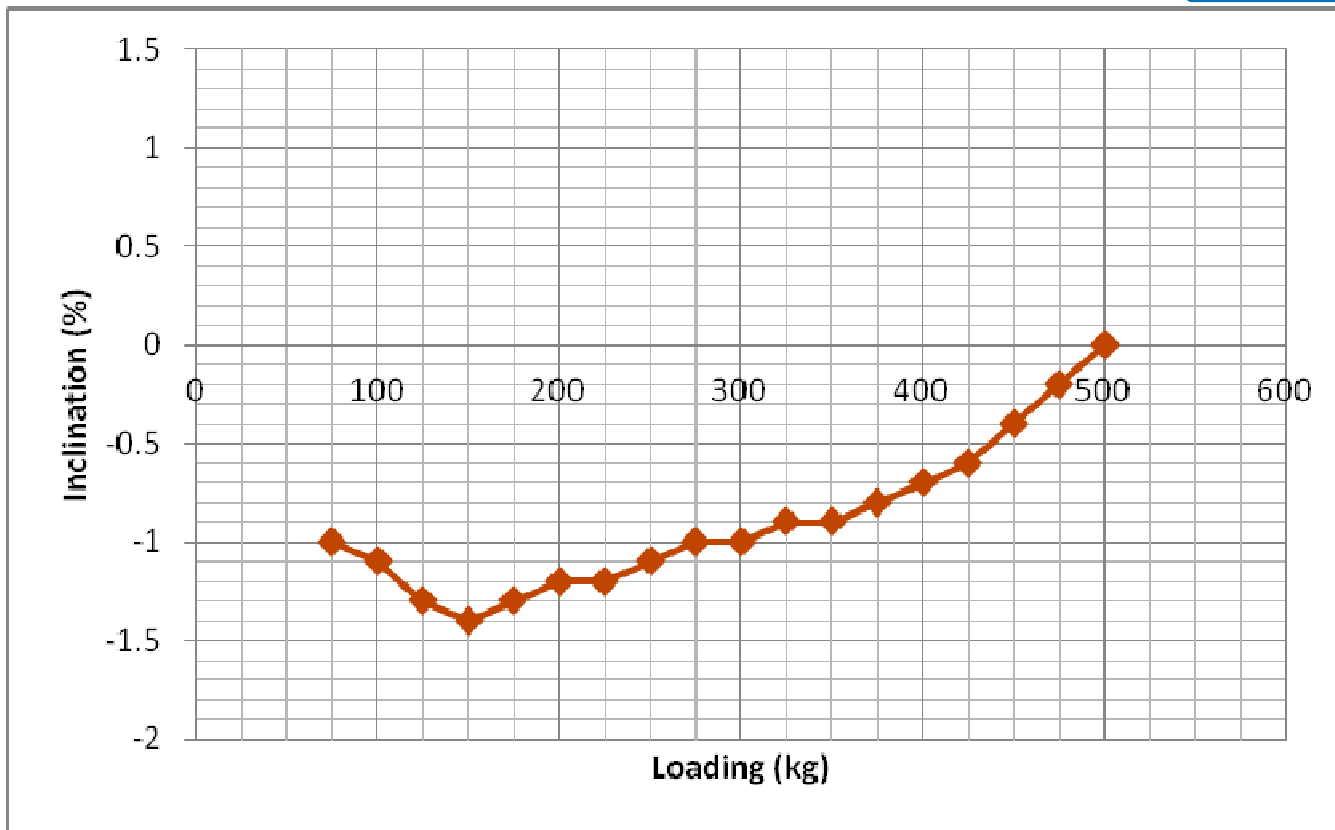


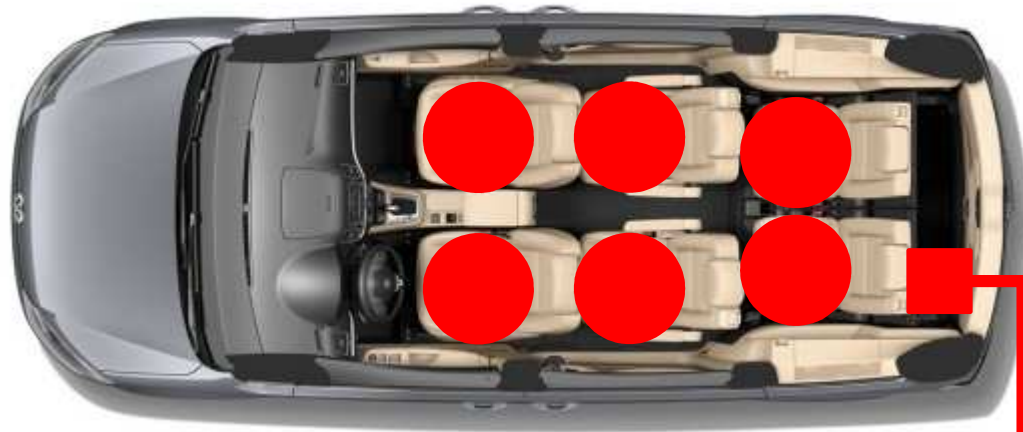
25 kg



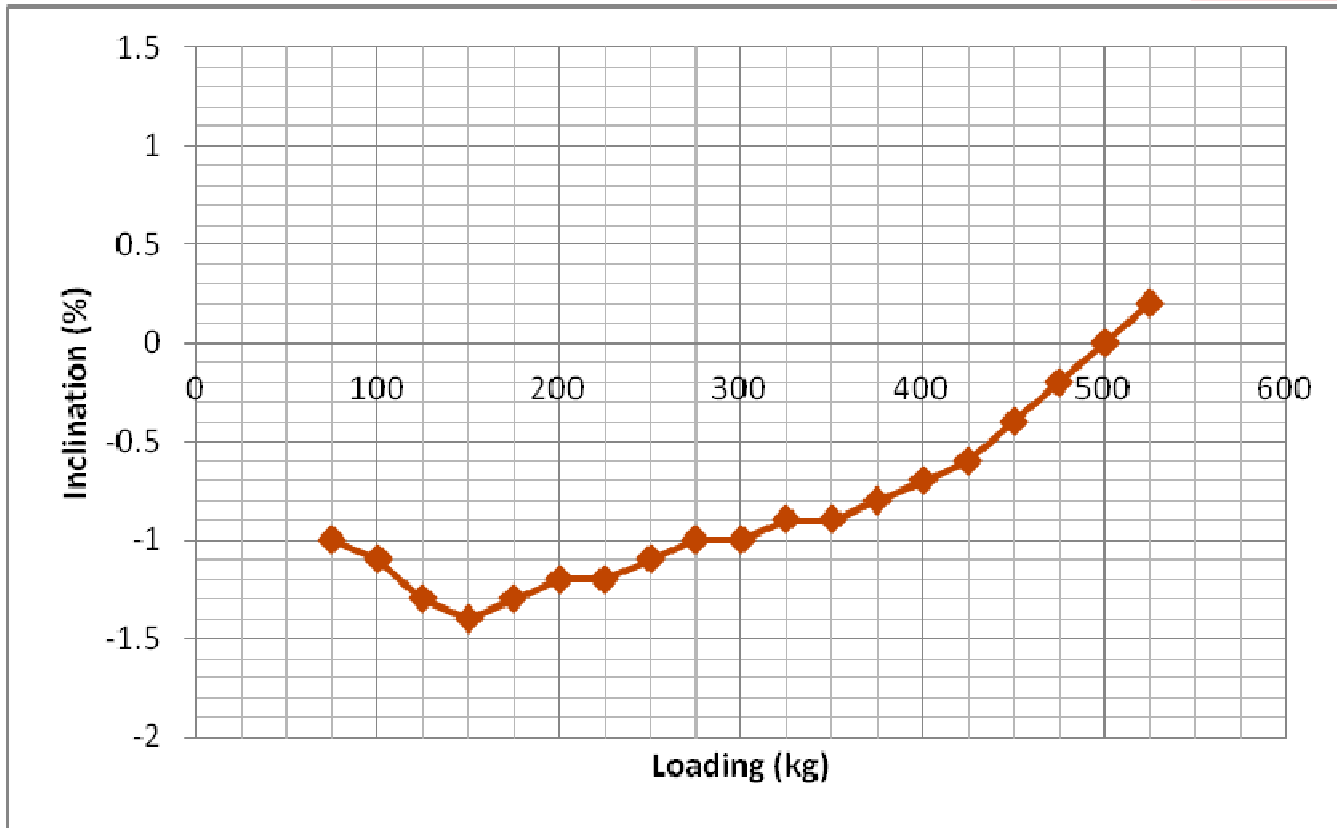


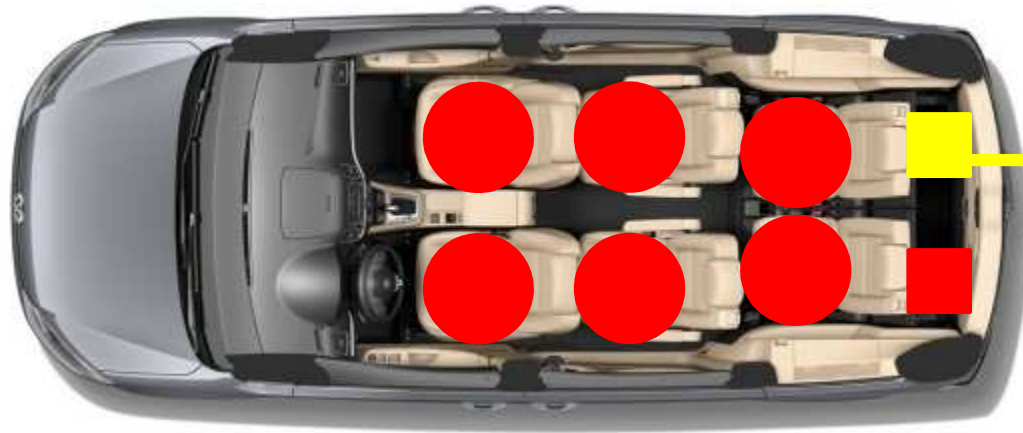
50 kg



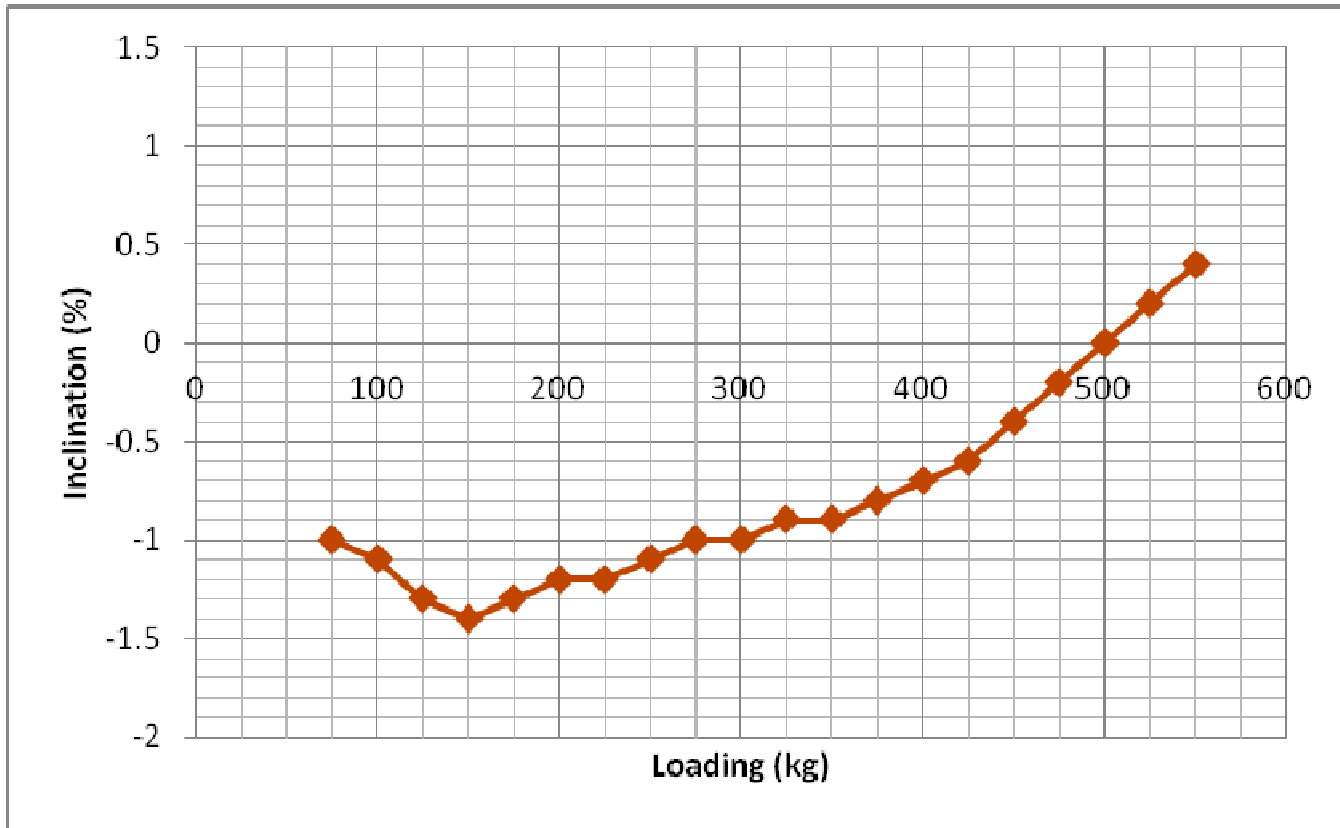


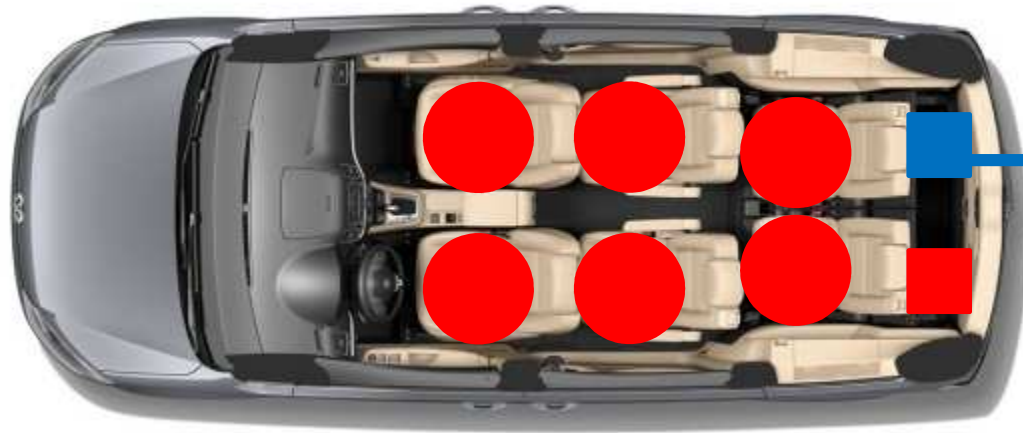
75 kg



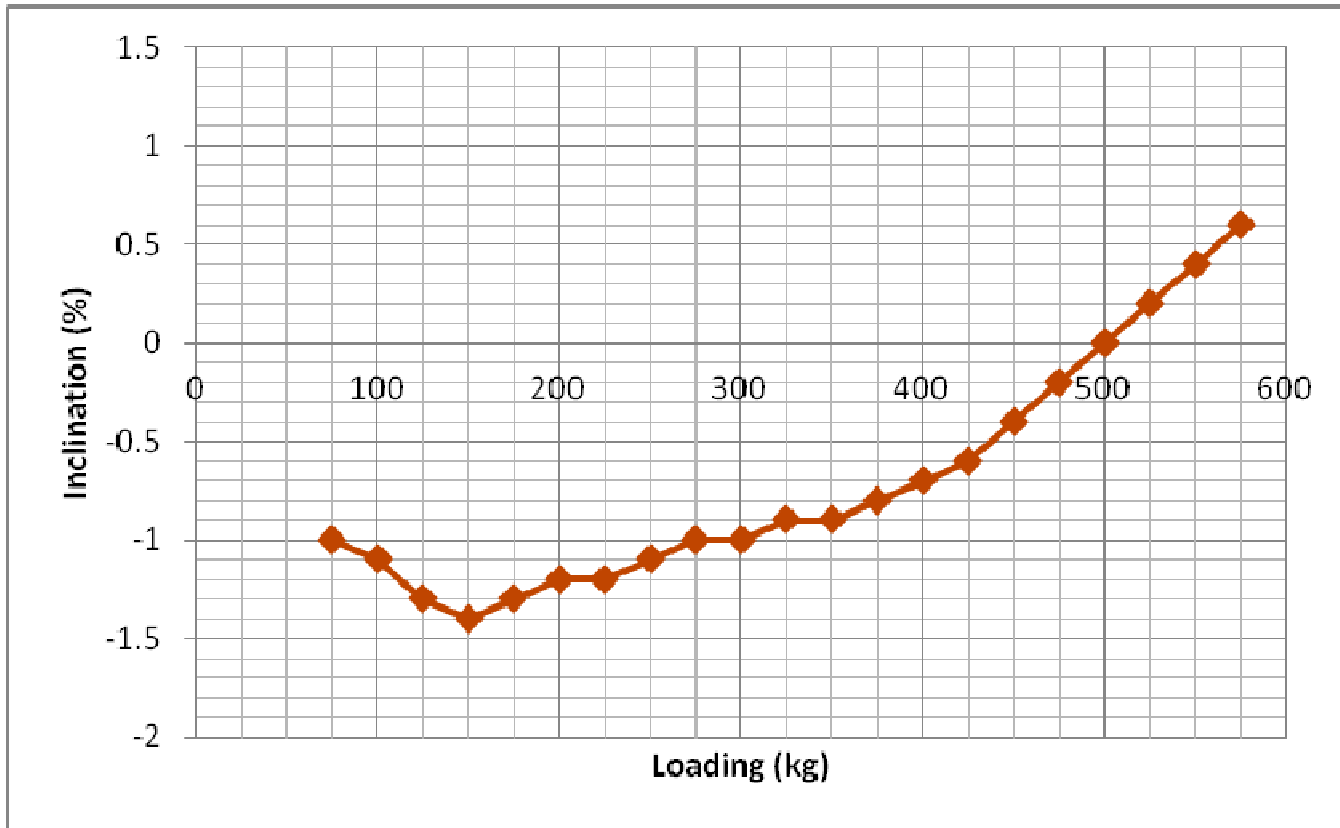


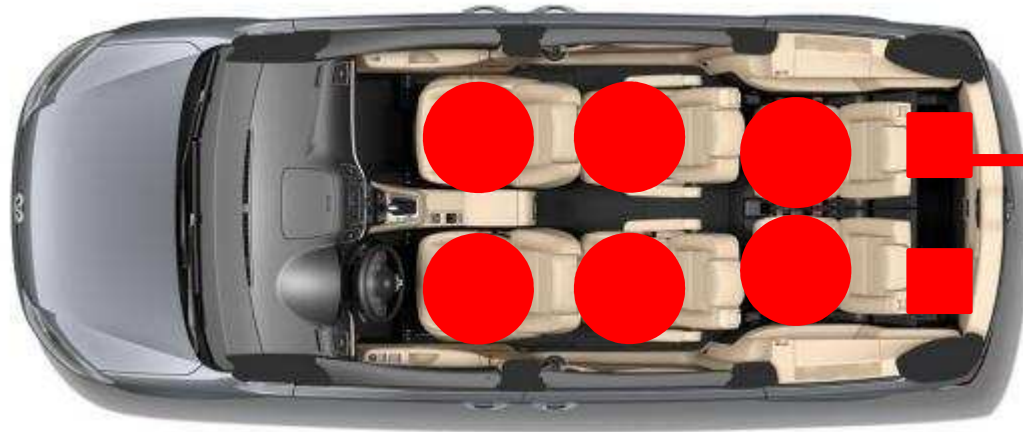
25 kg



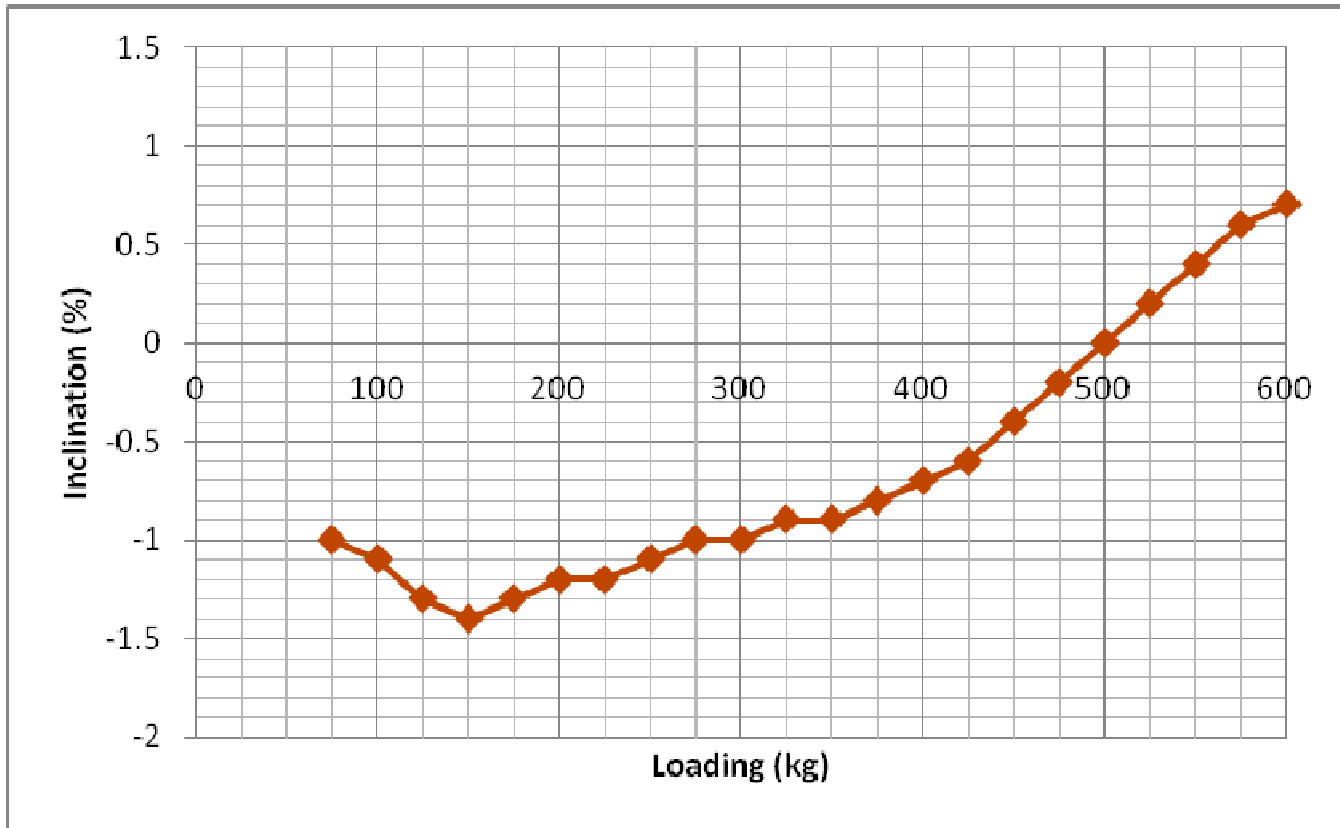


50 kg



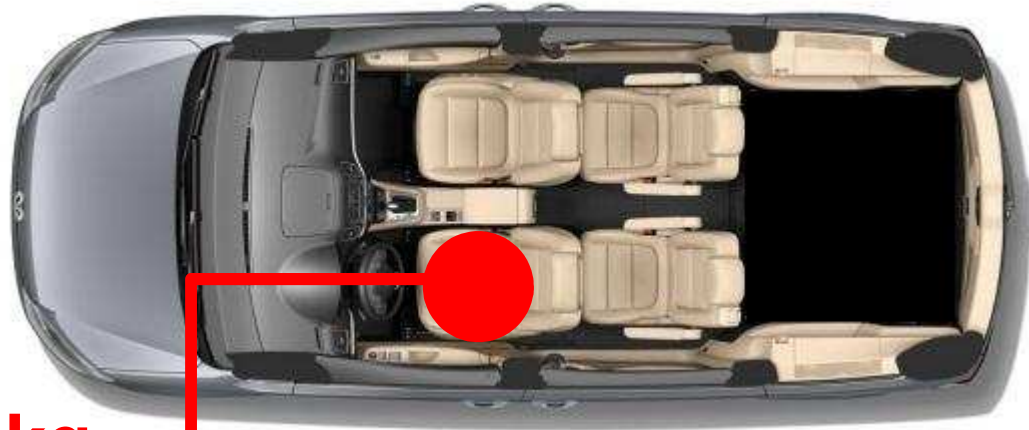


75 kg

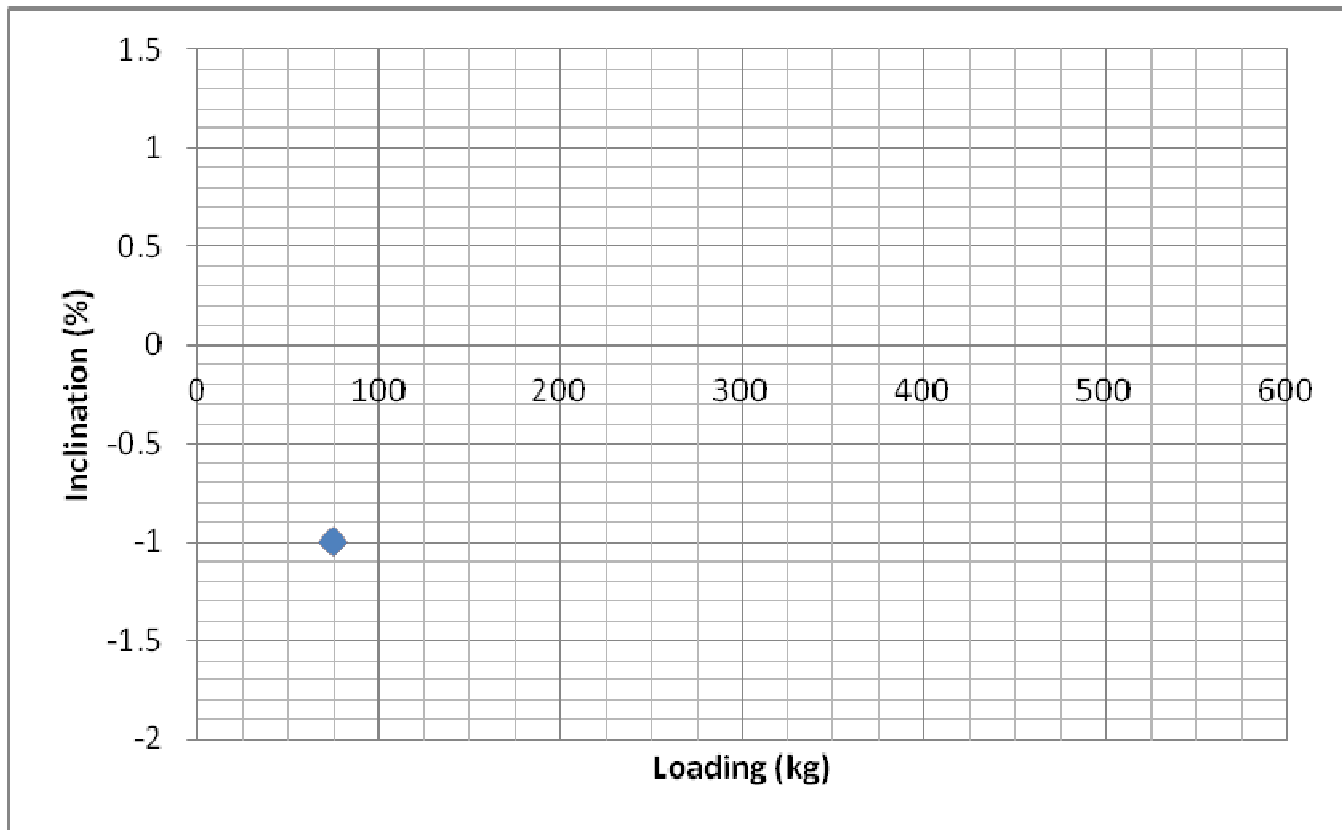


Highest dipped beam inclination

load distribution example

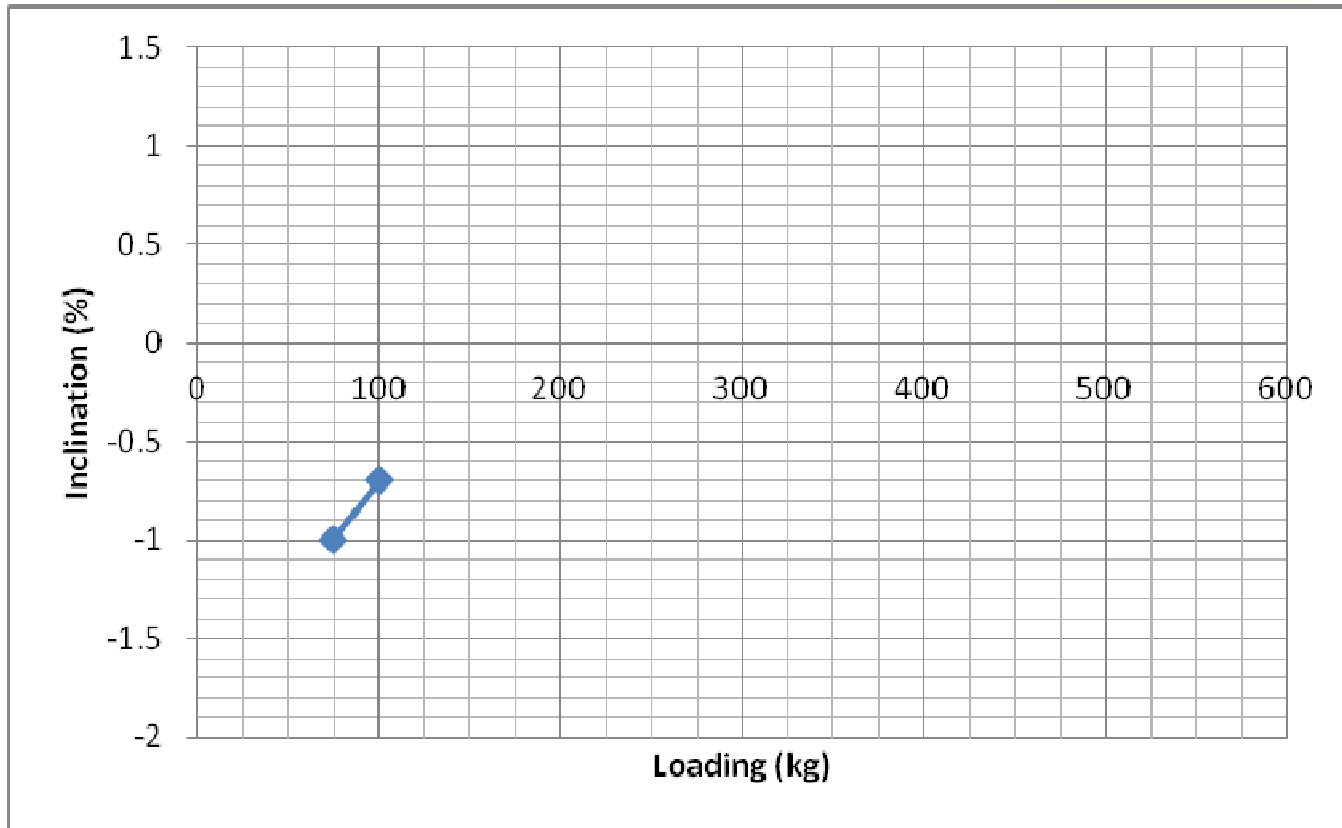


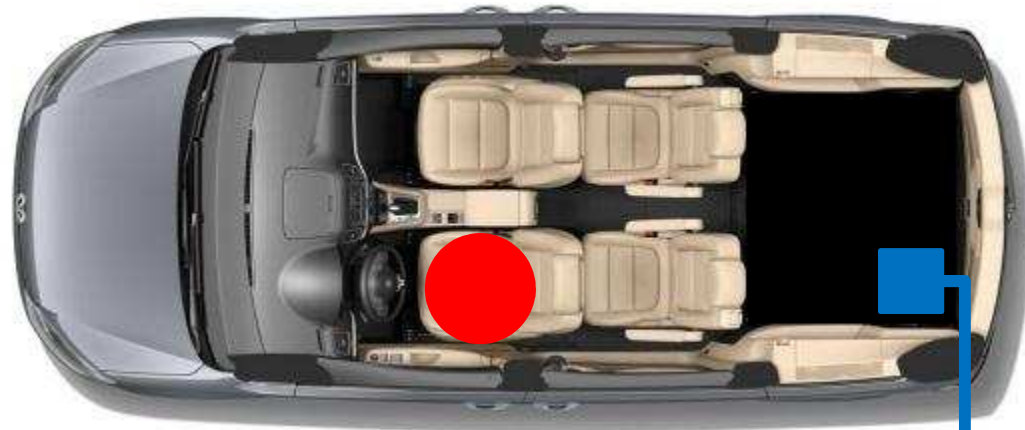
75 kg



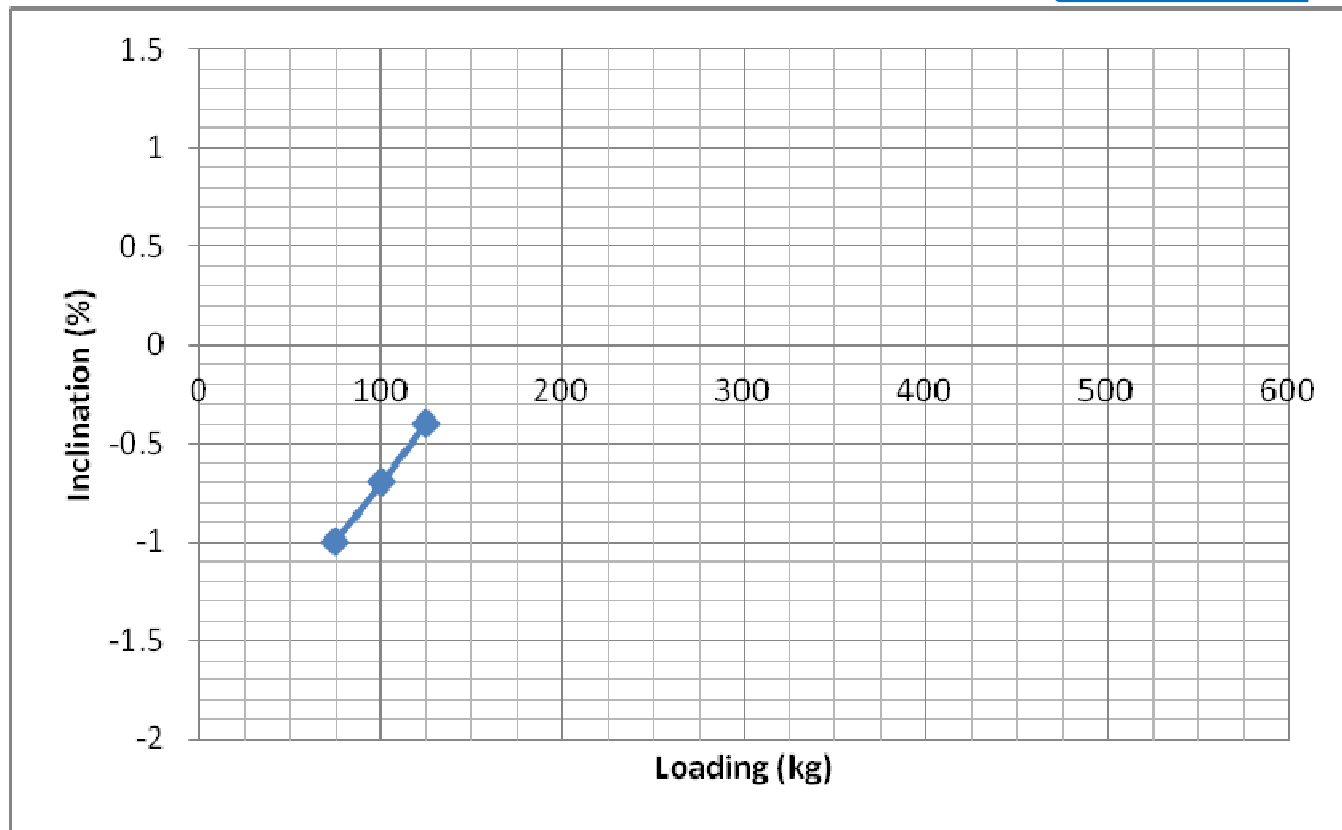


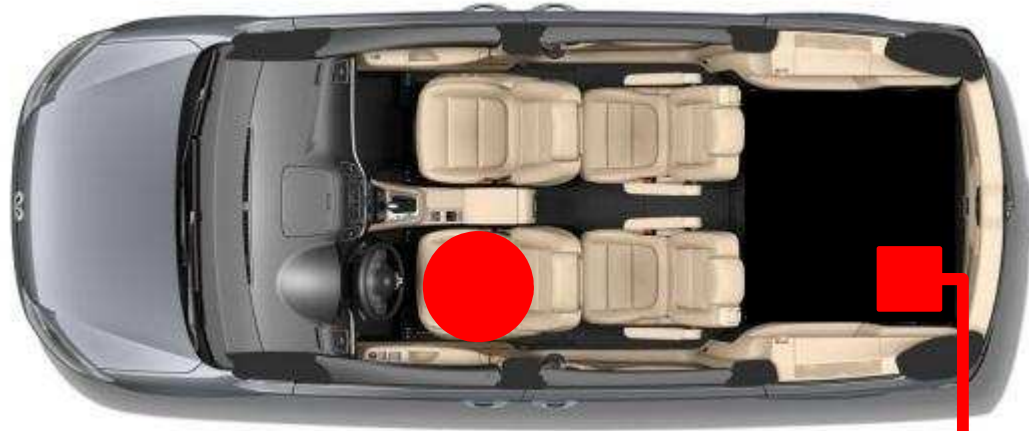
25 kg



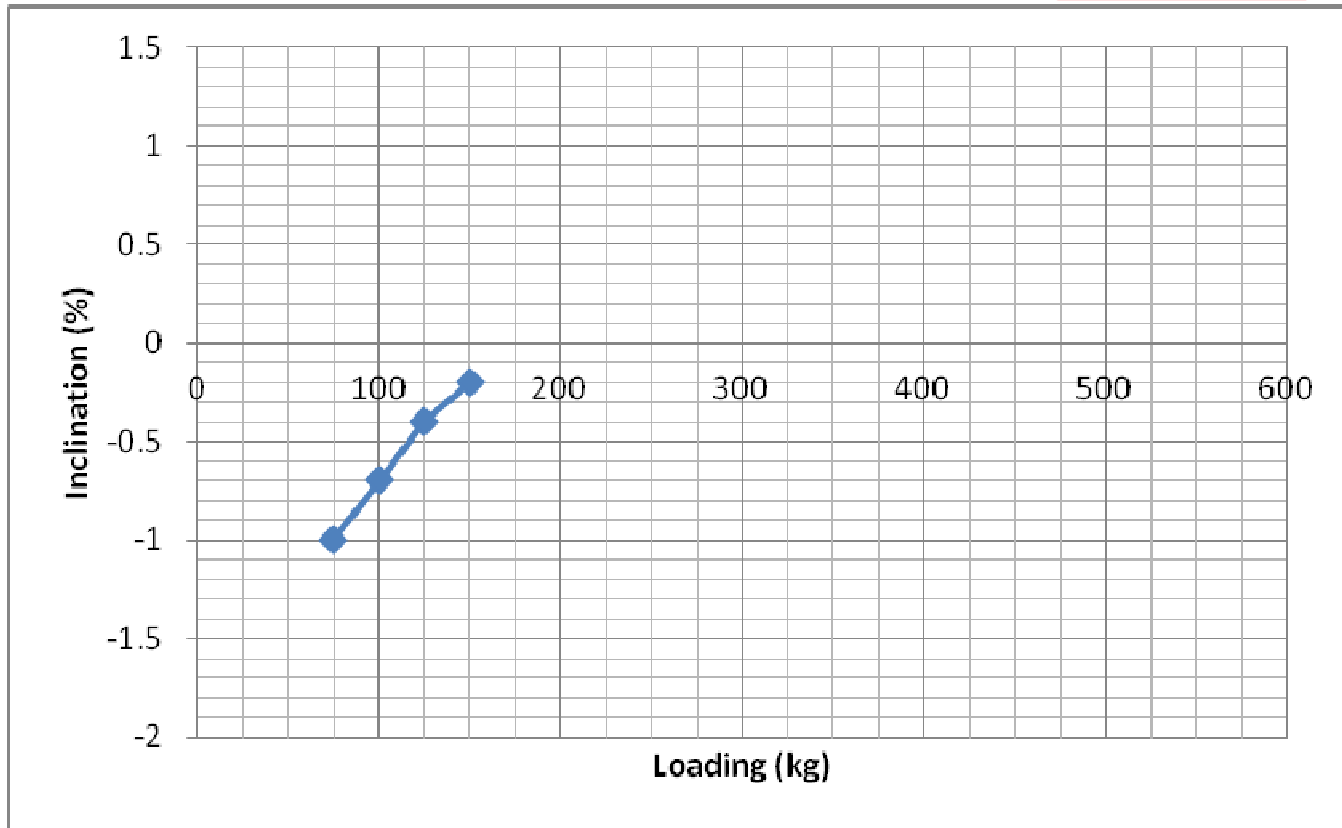


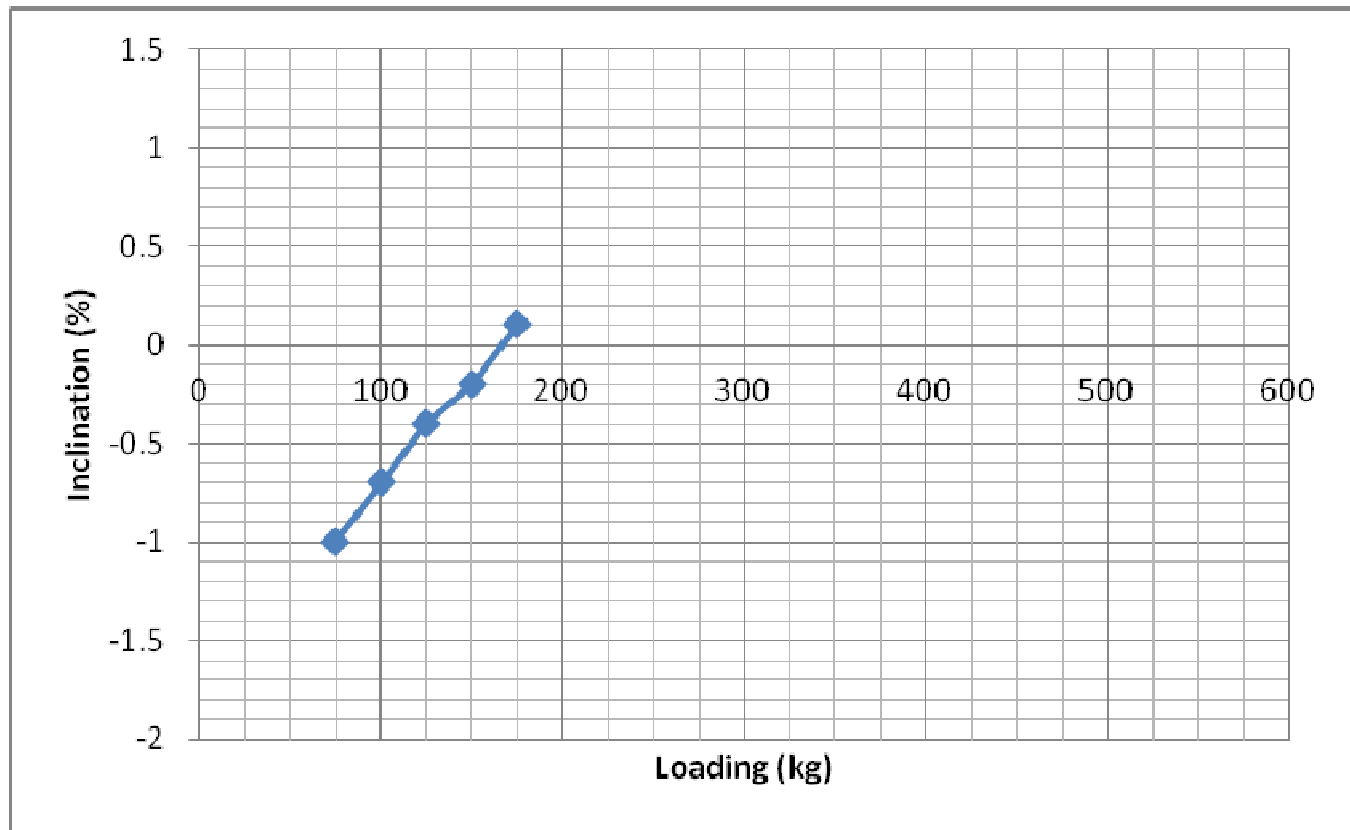
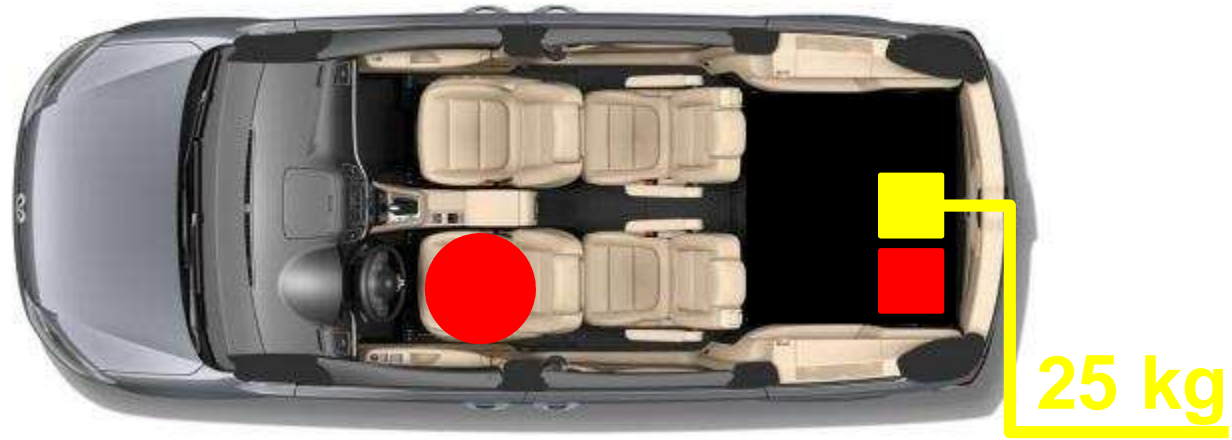
50 kg

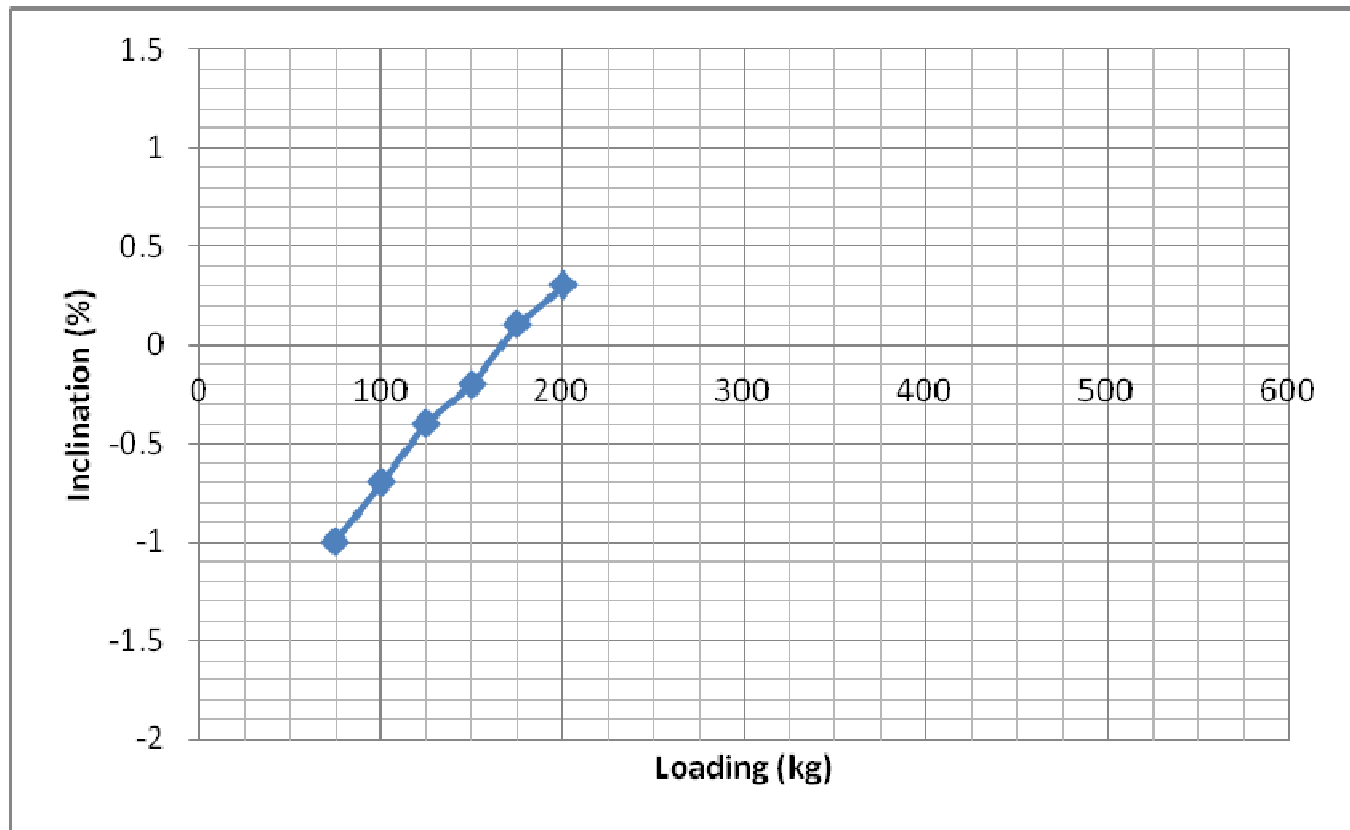
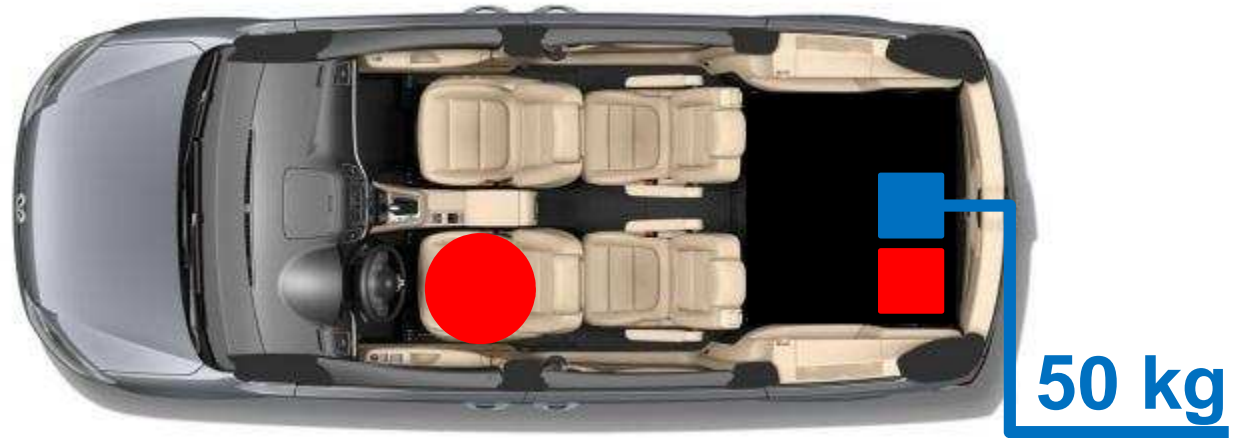


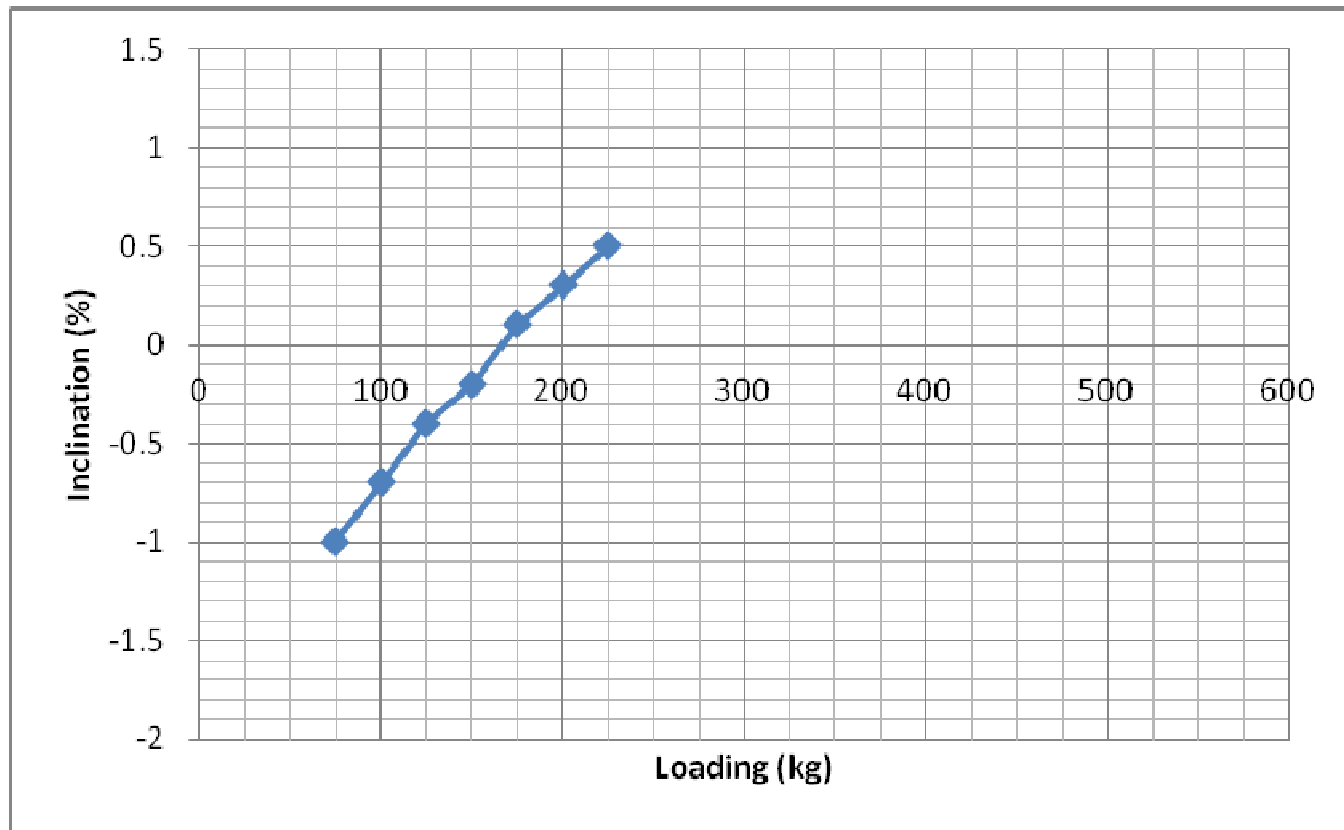


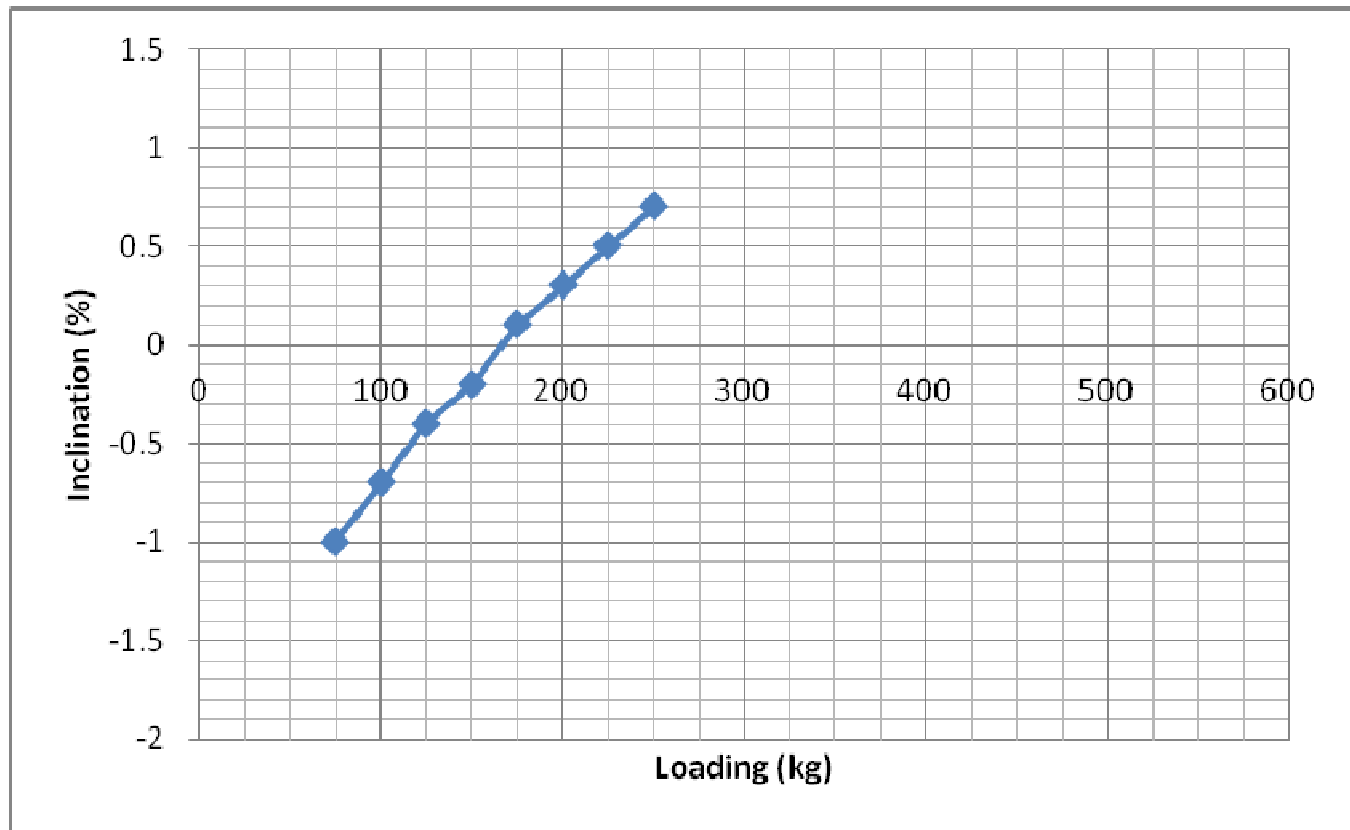
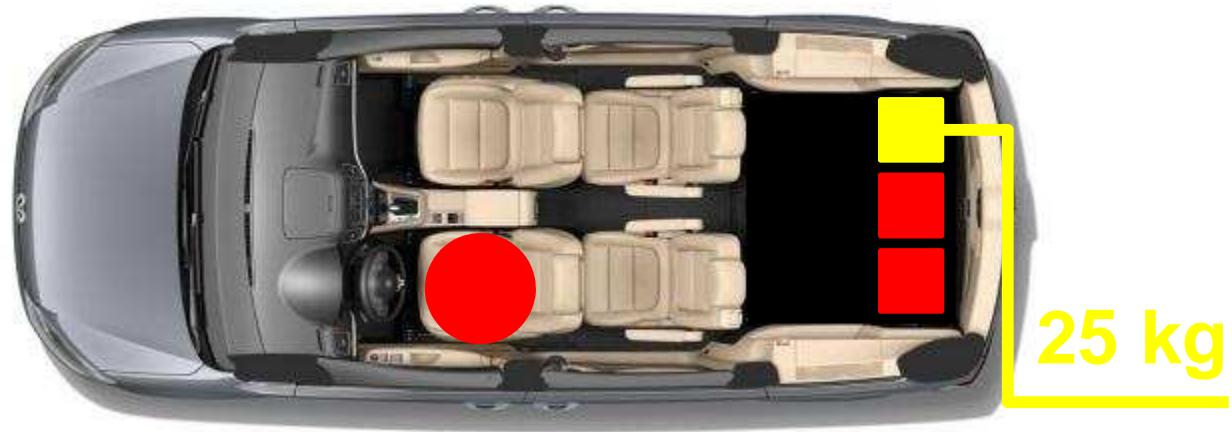
75 kg

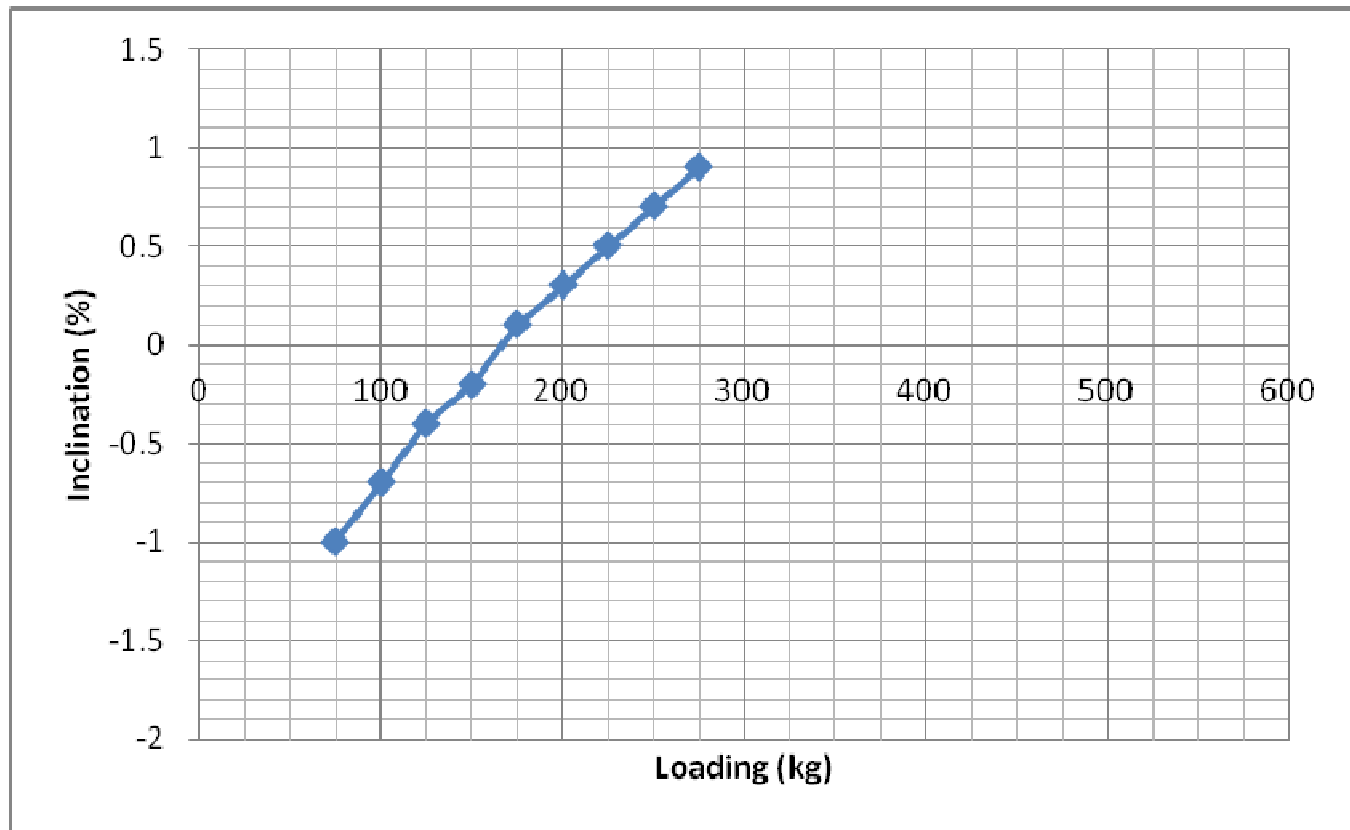
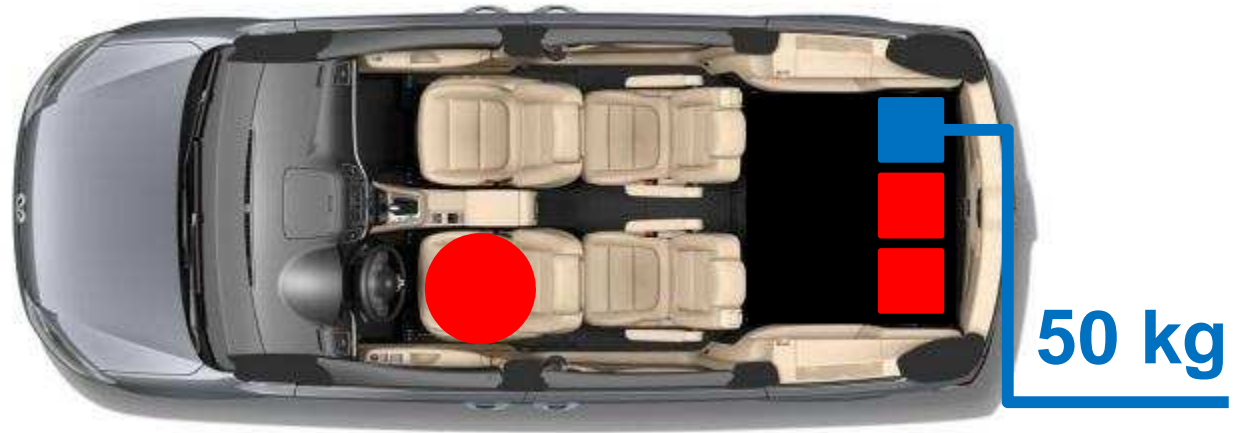


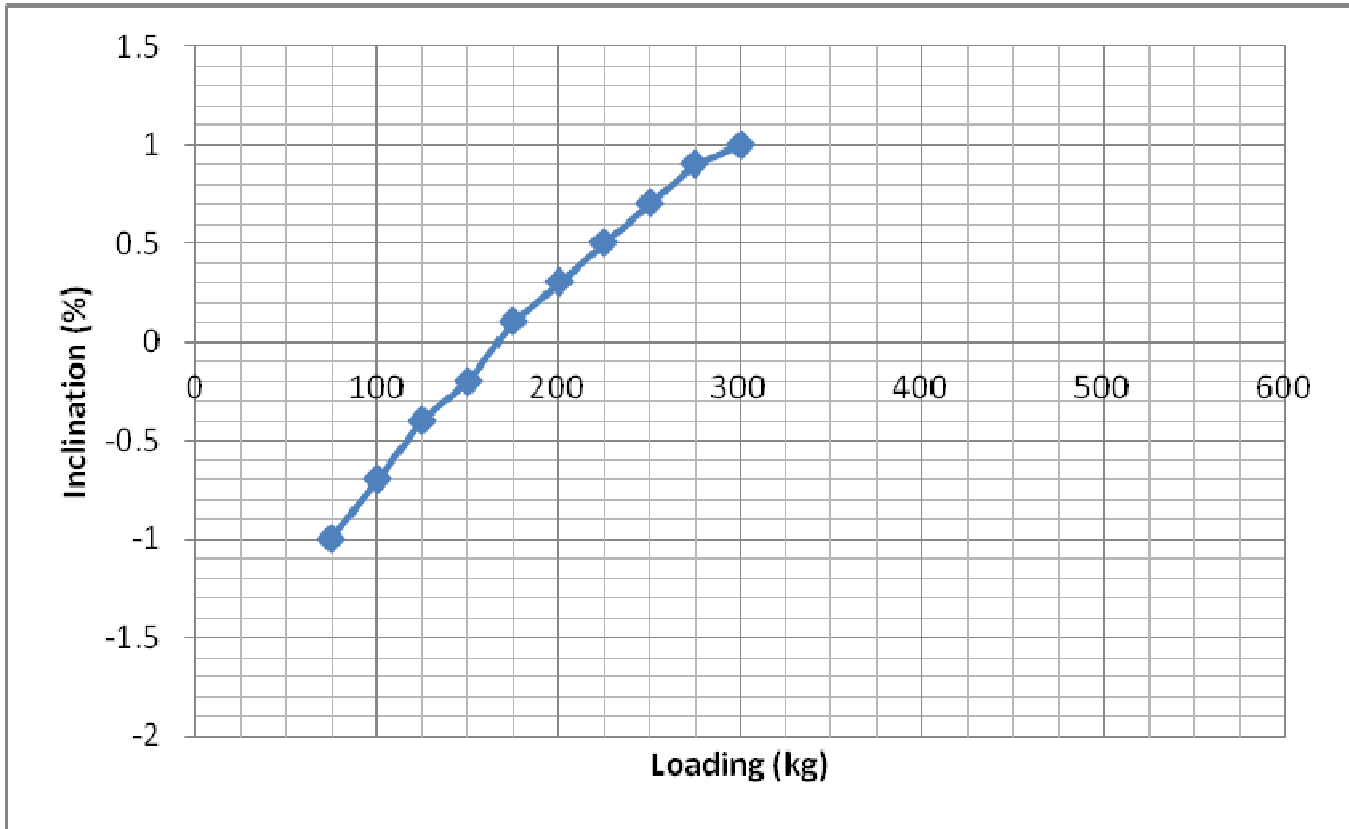
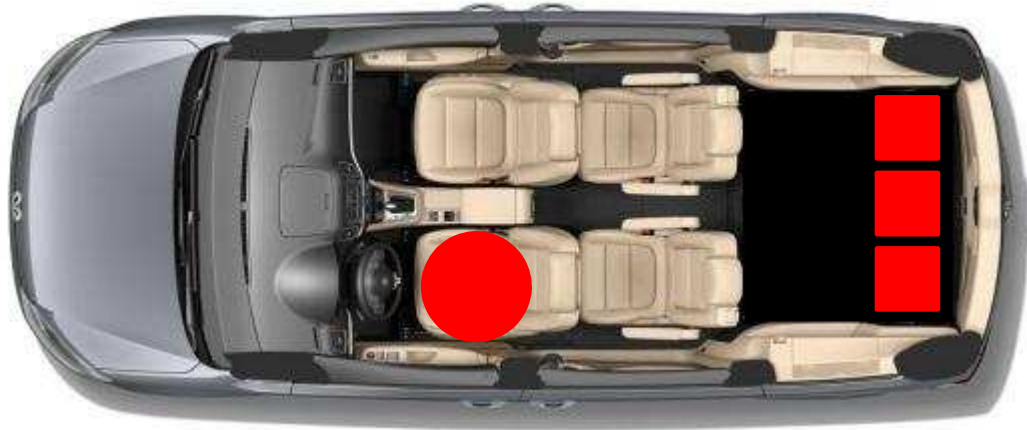


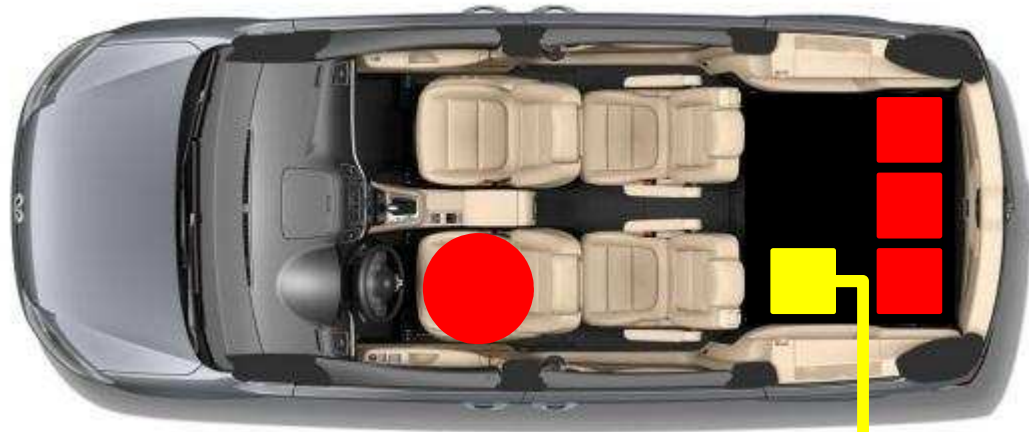




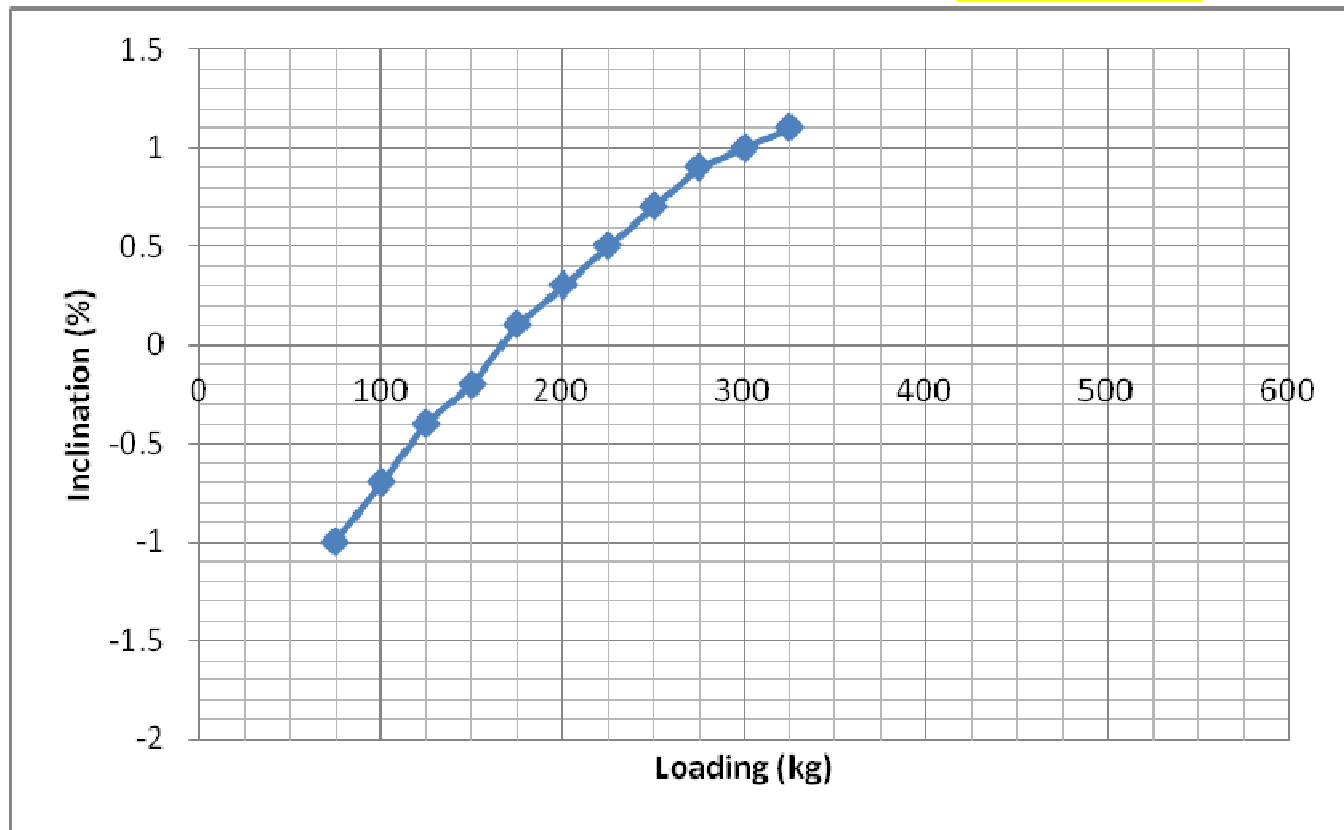






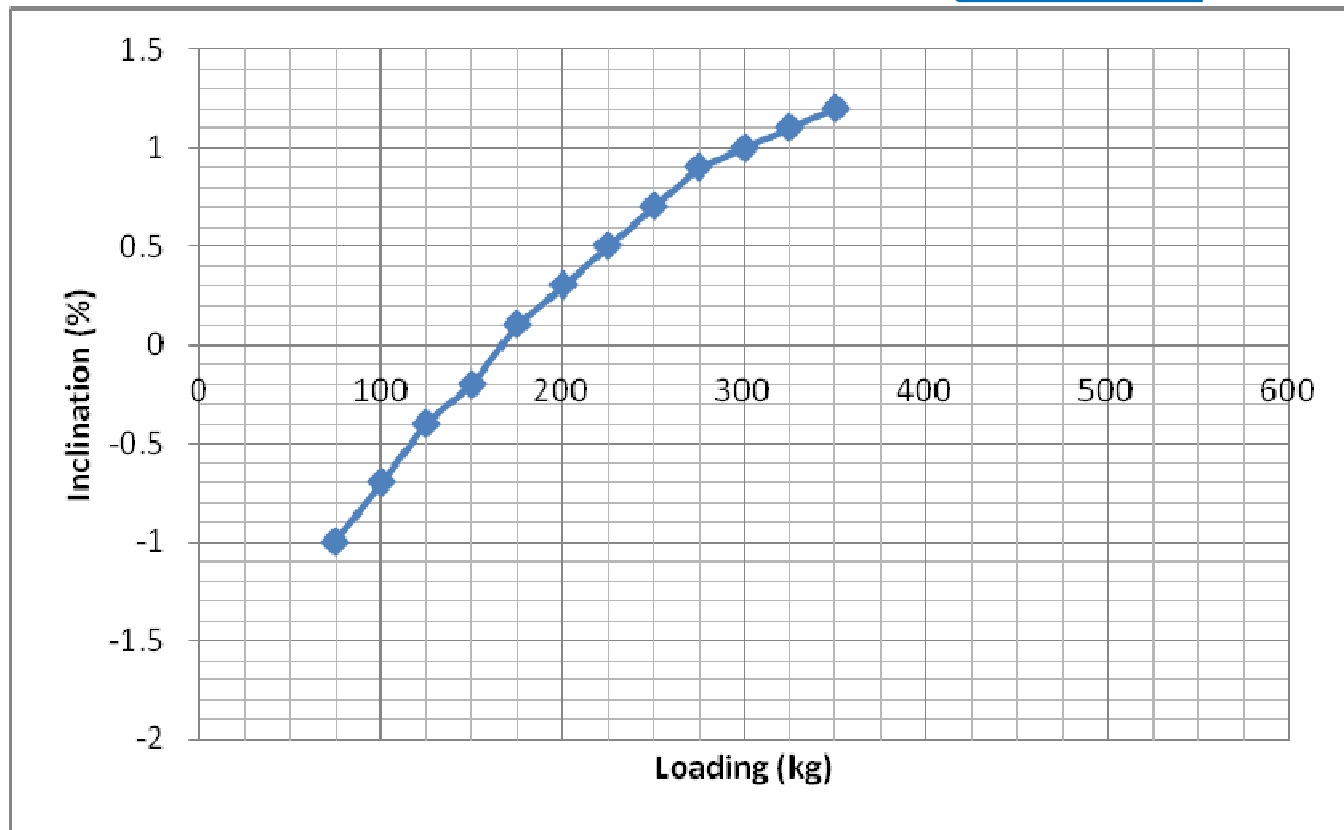


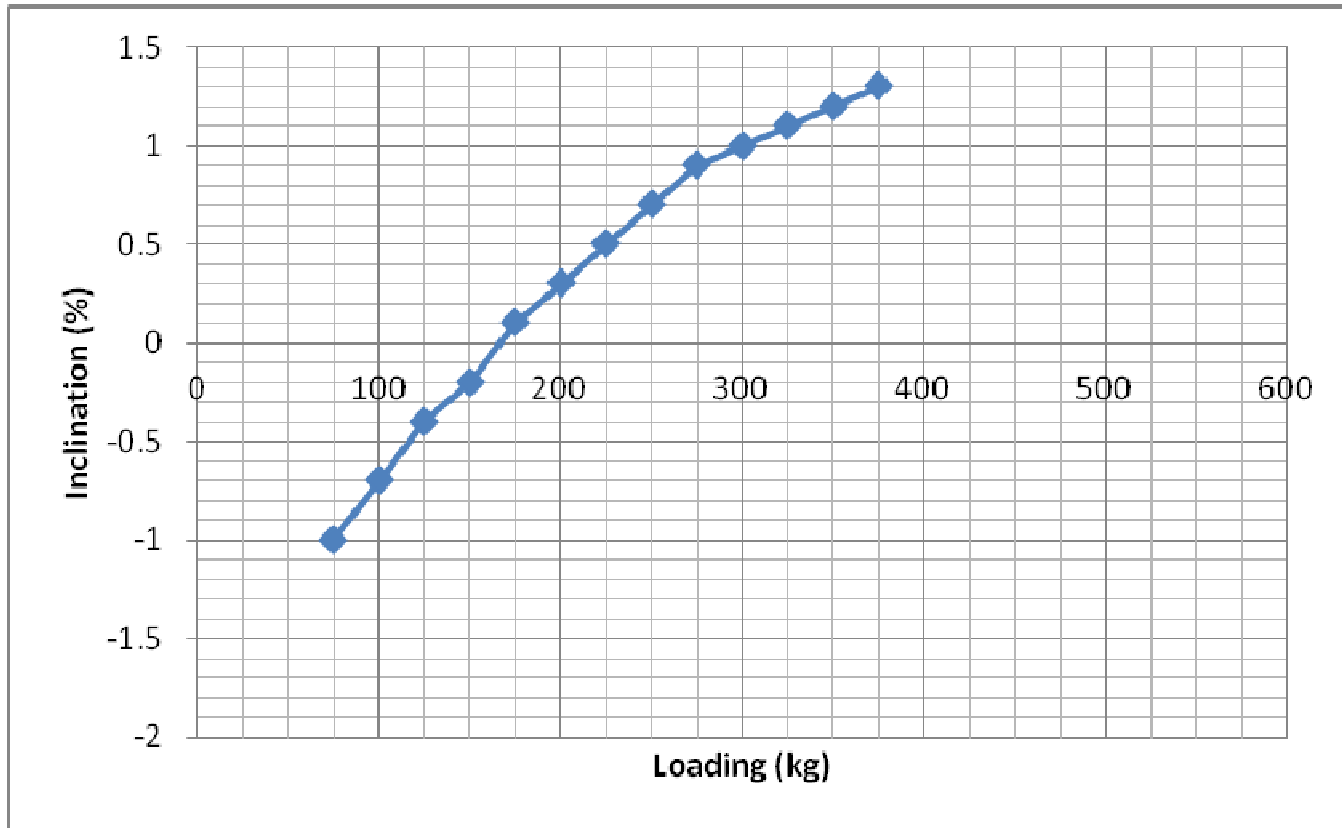
25 kg

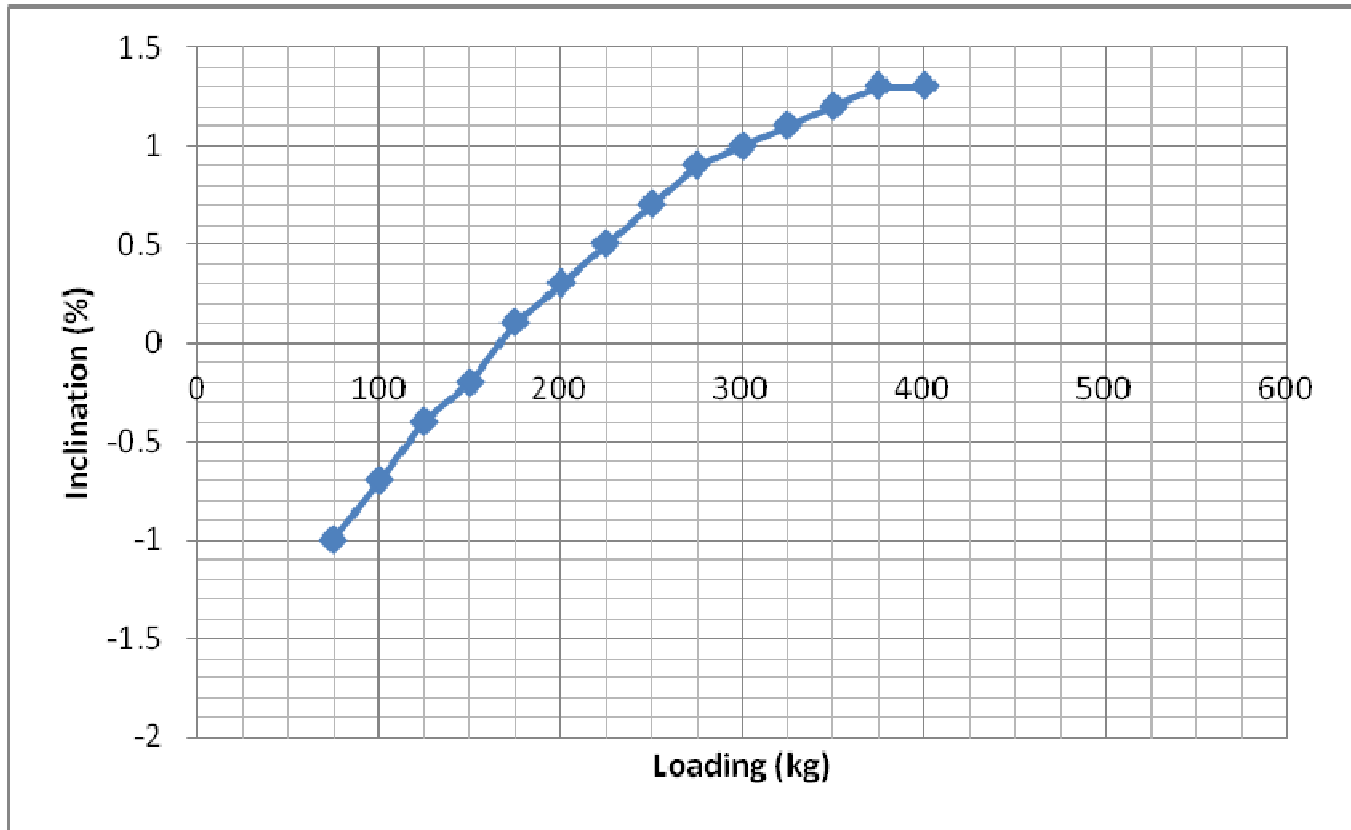


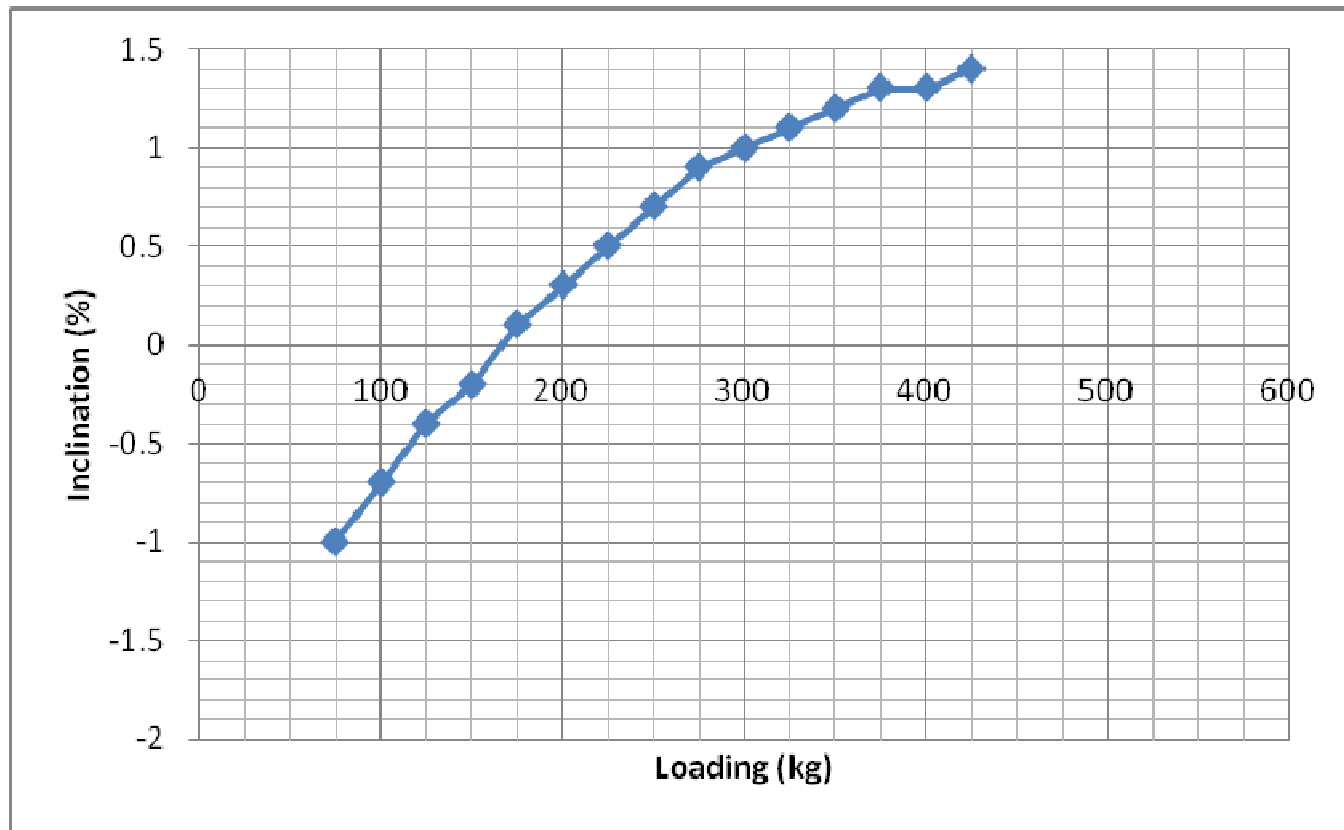
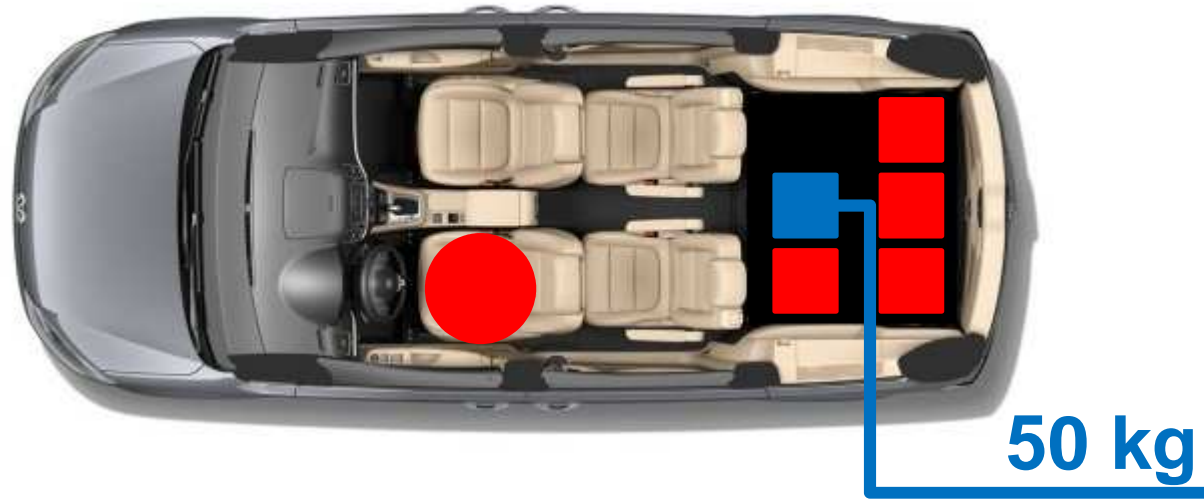


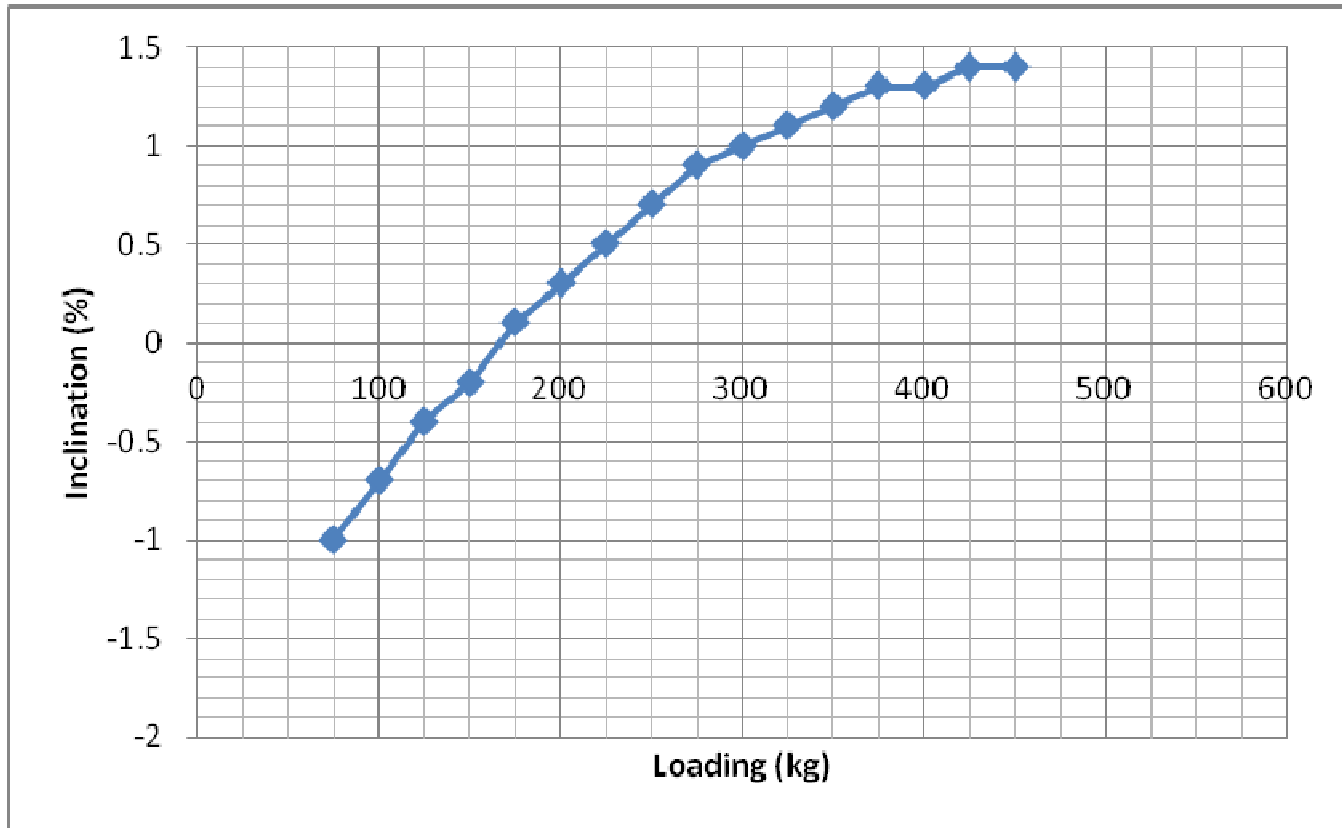
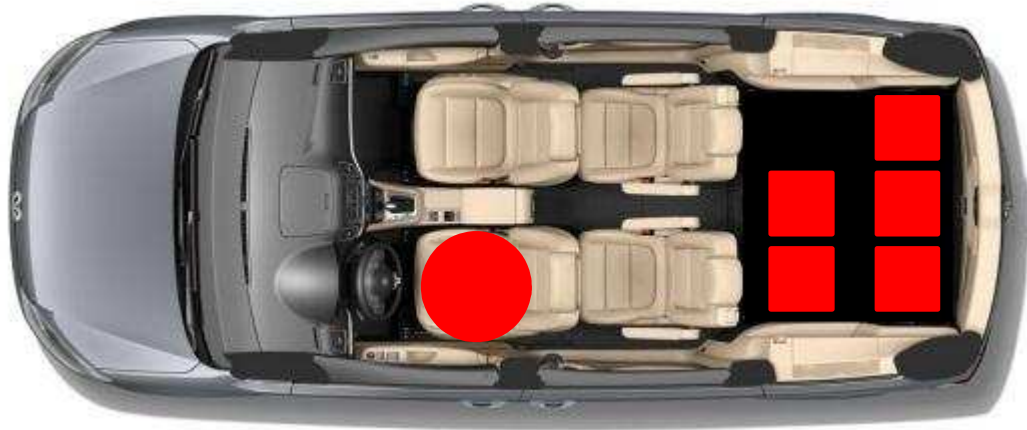
50 kg

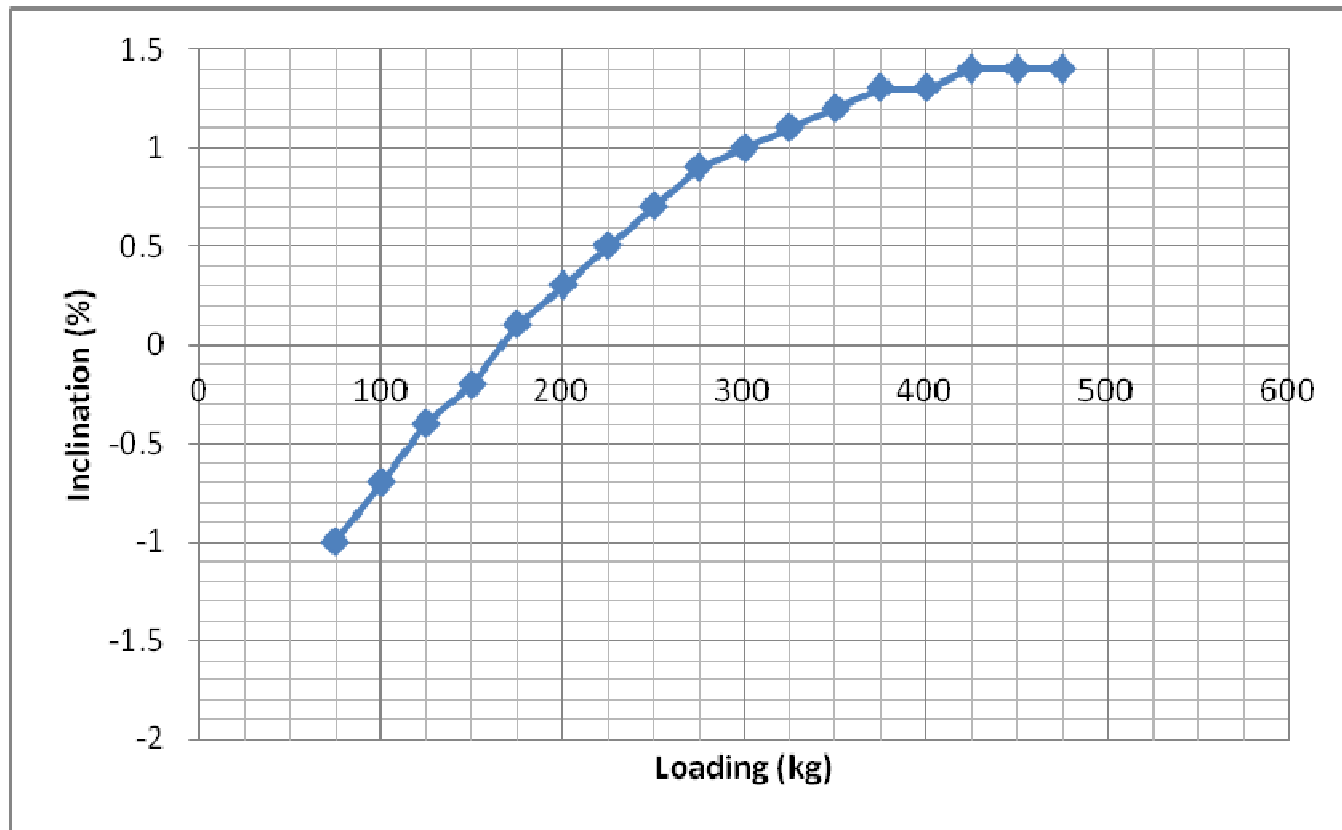
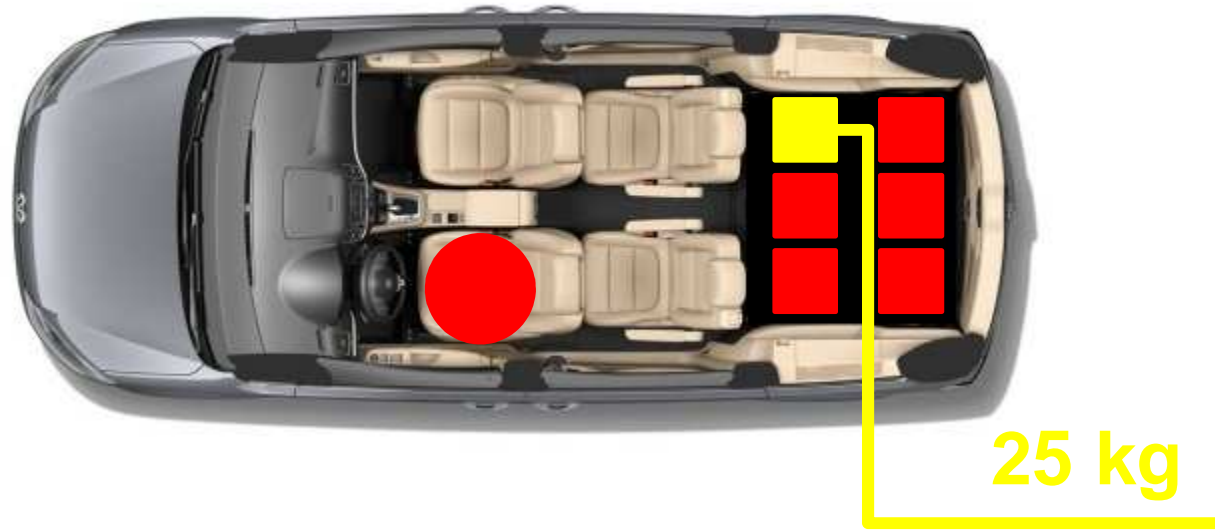






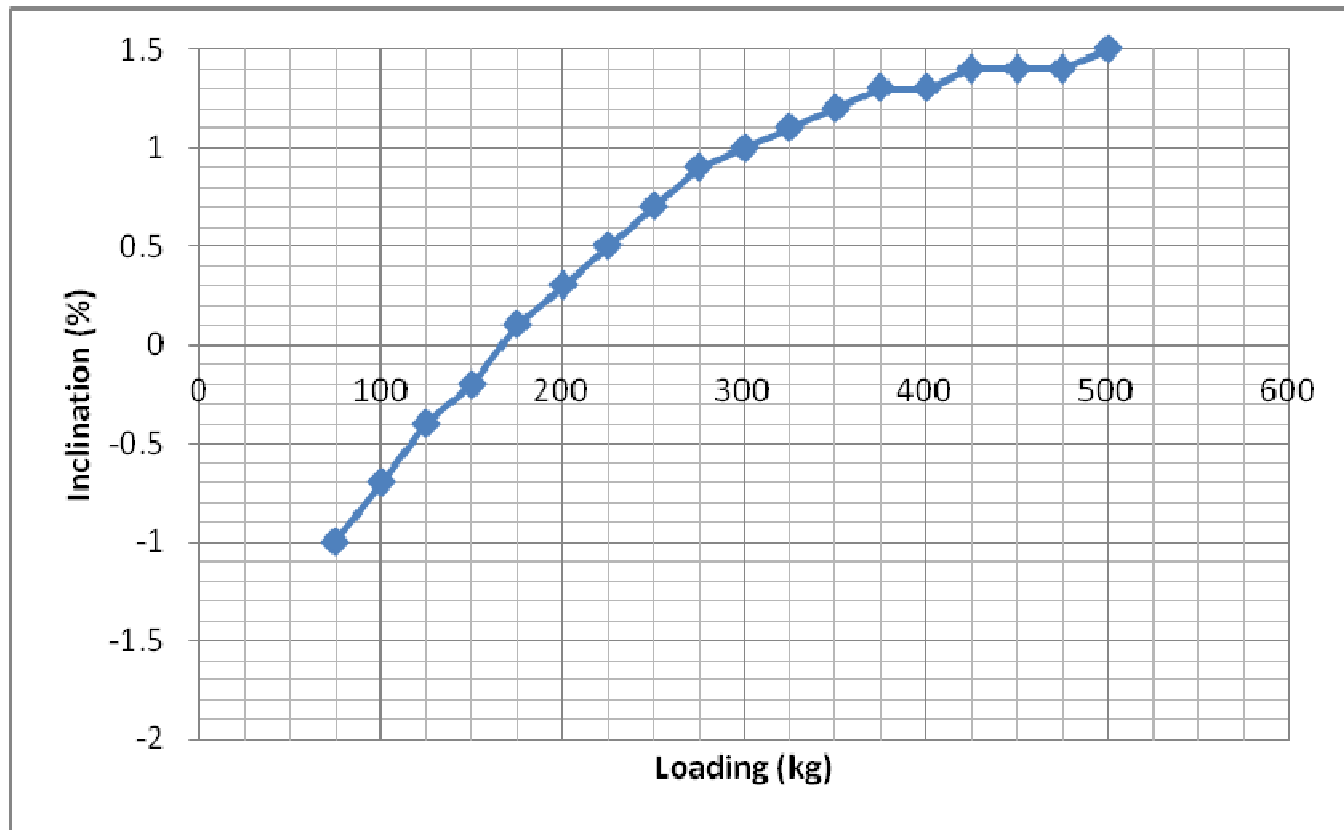


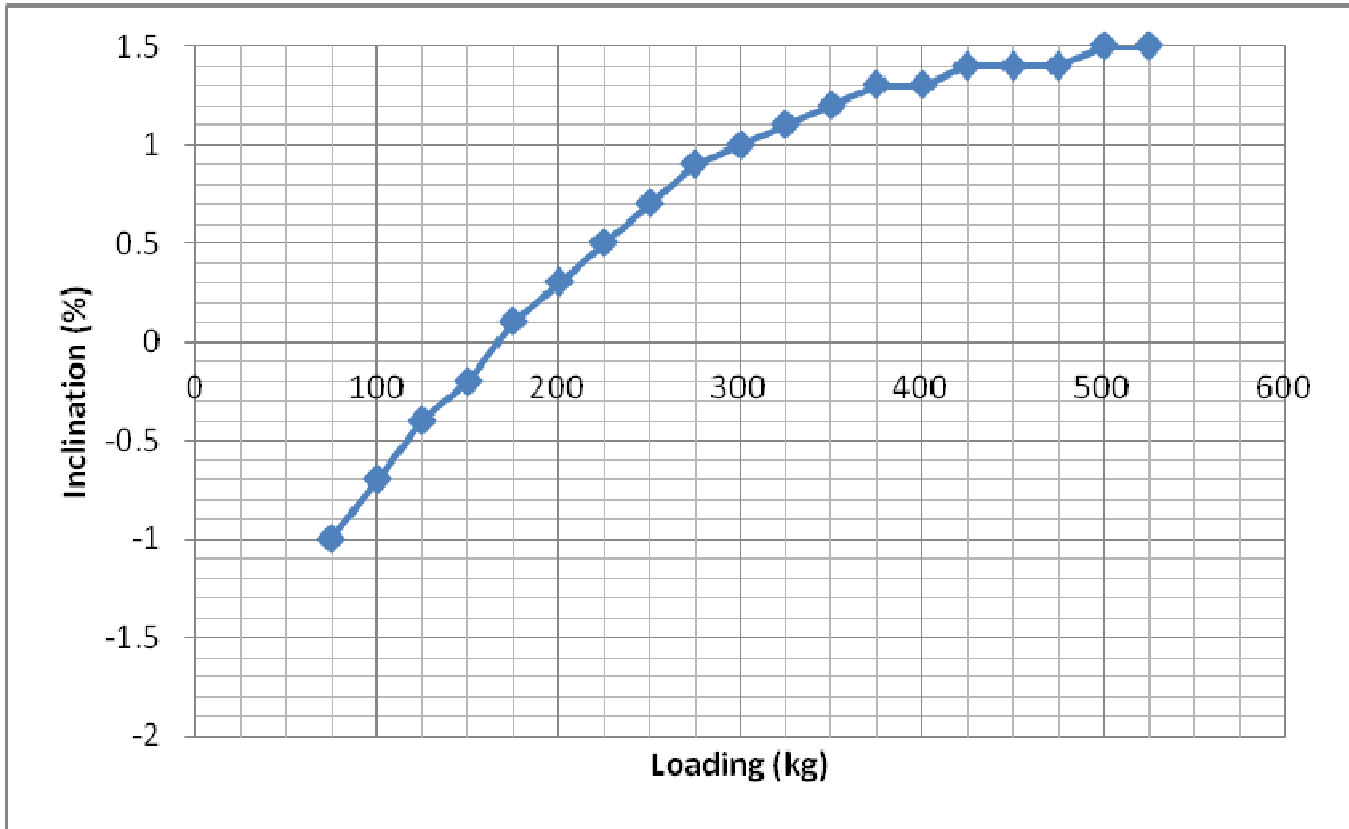


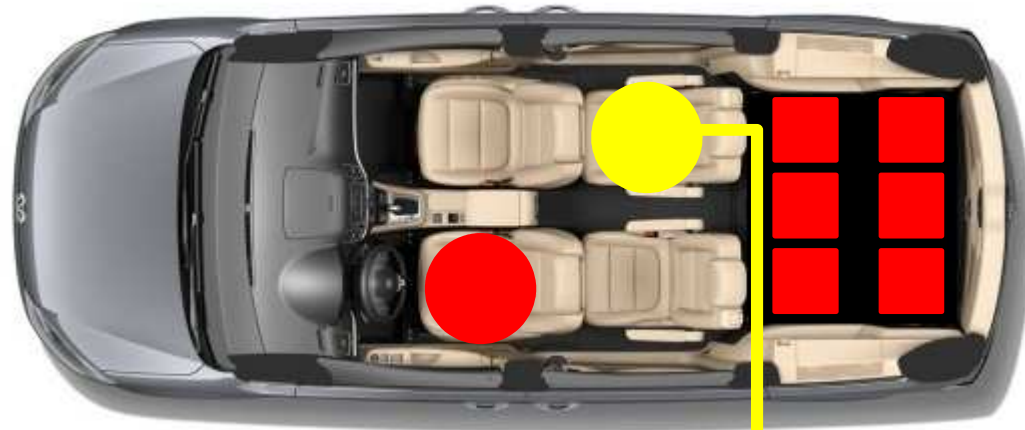




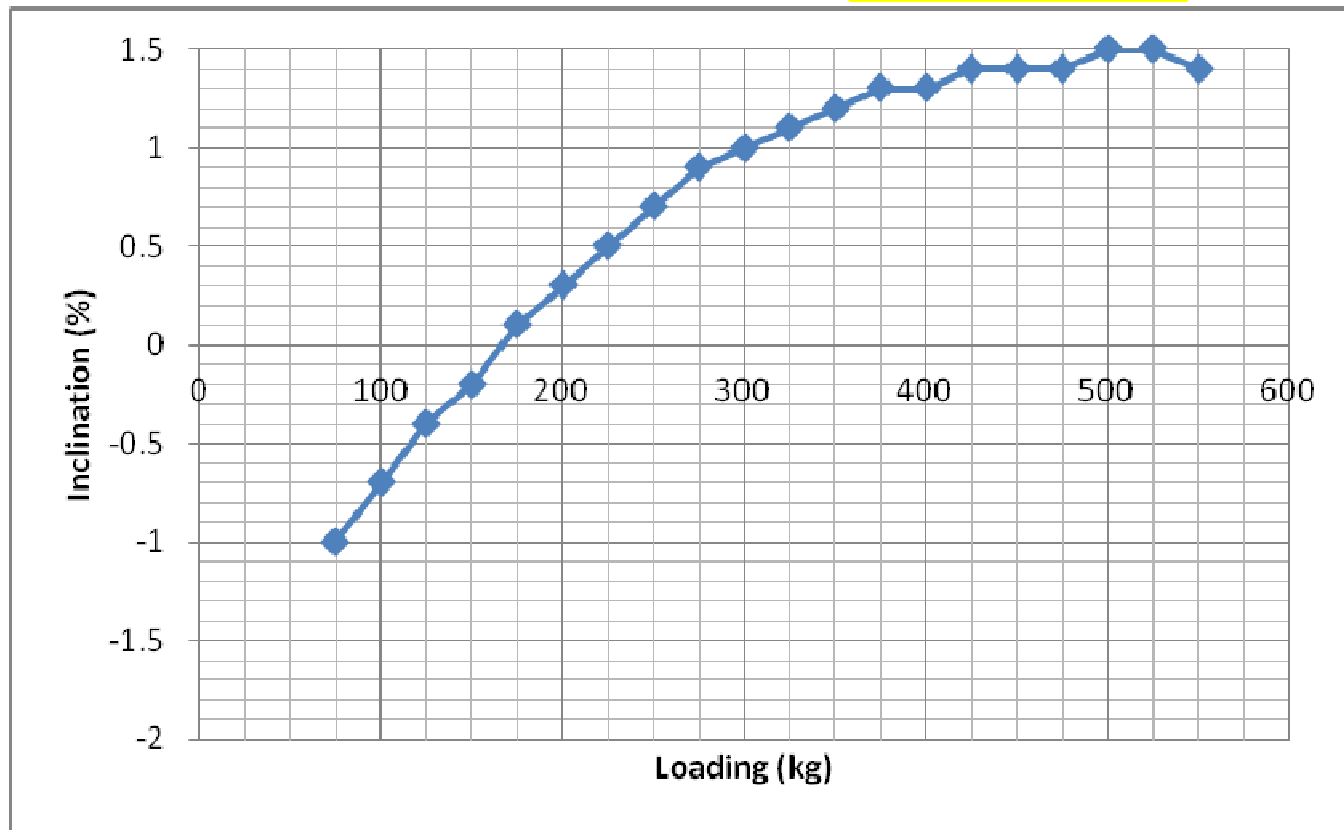
50 kg

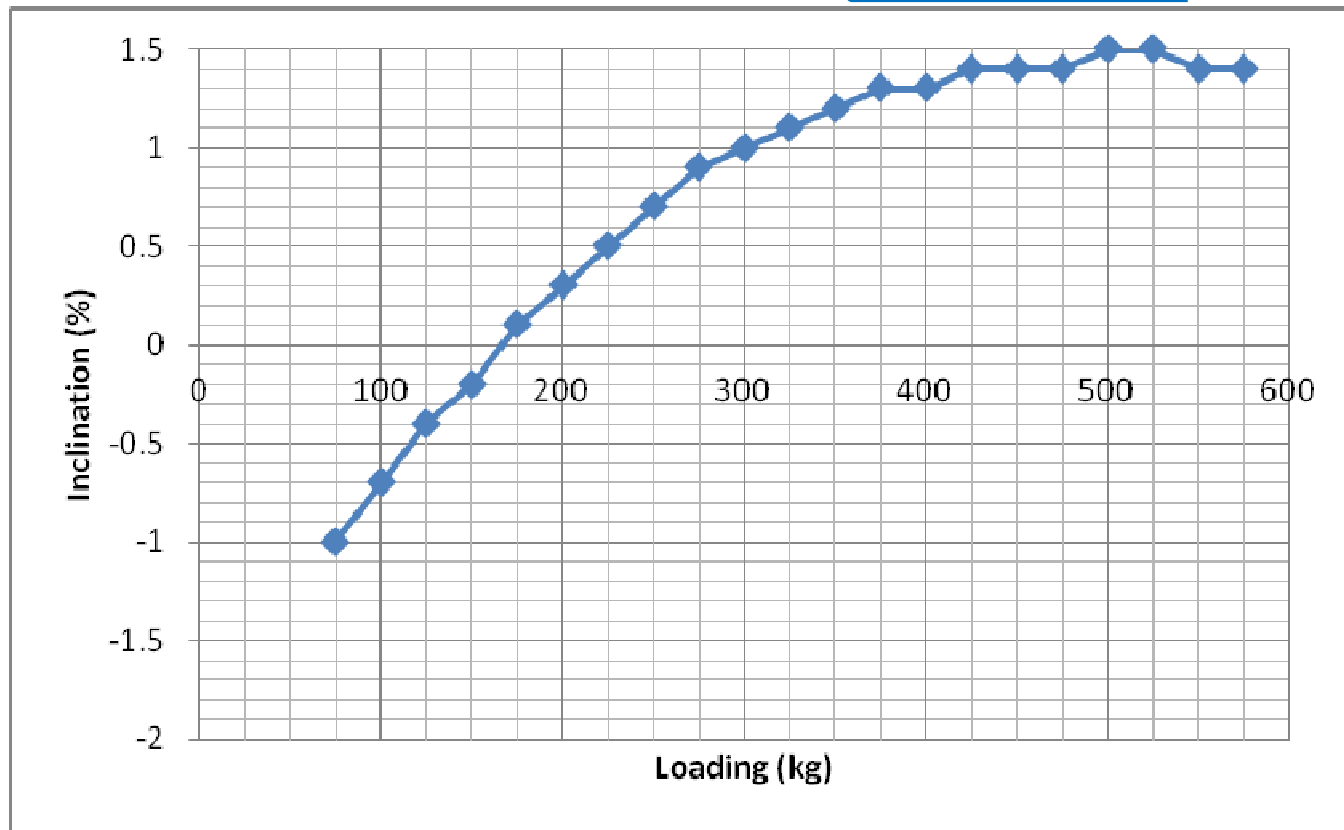
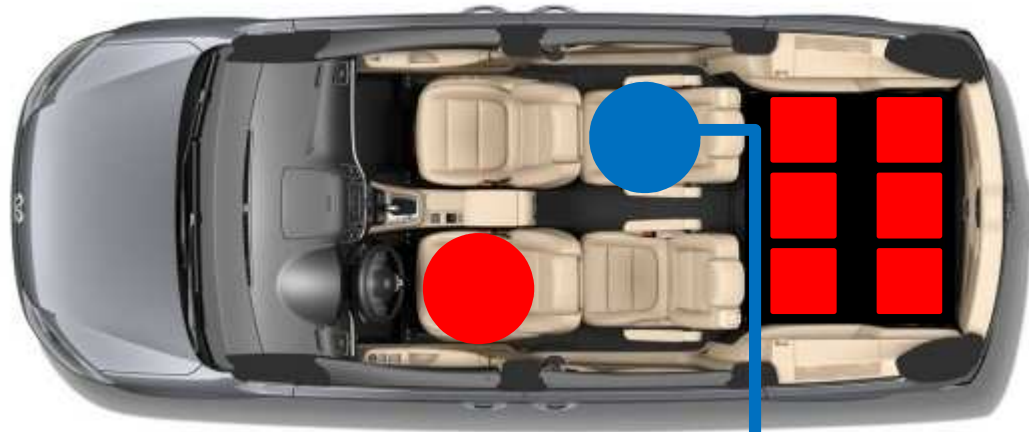


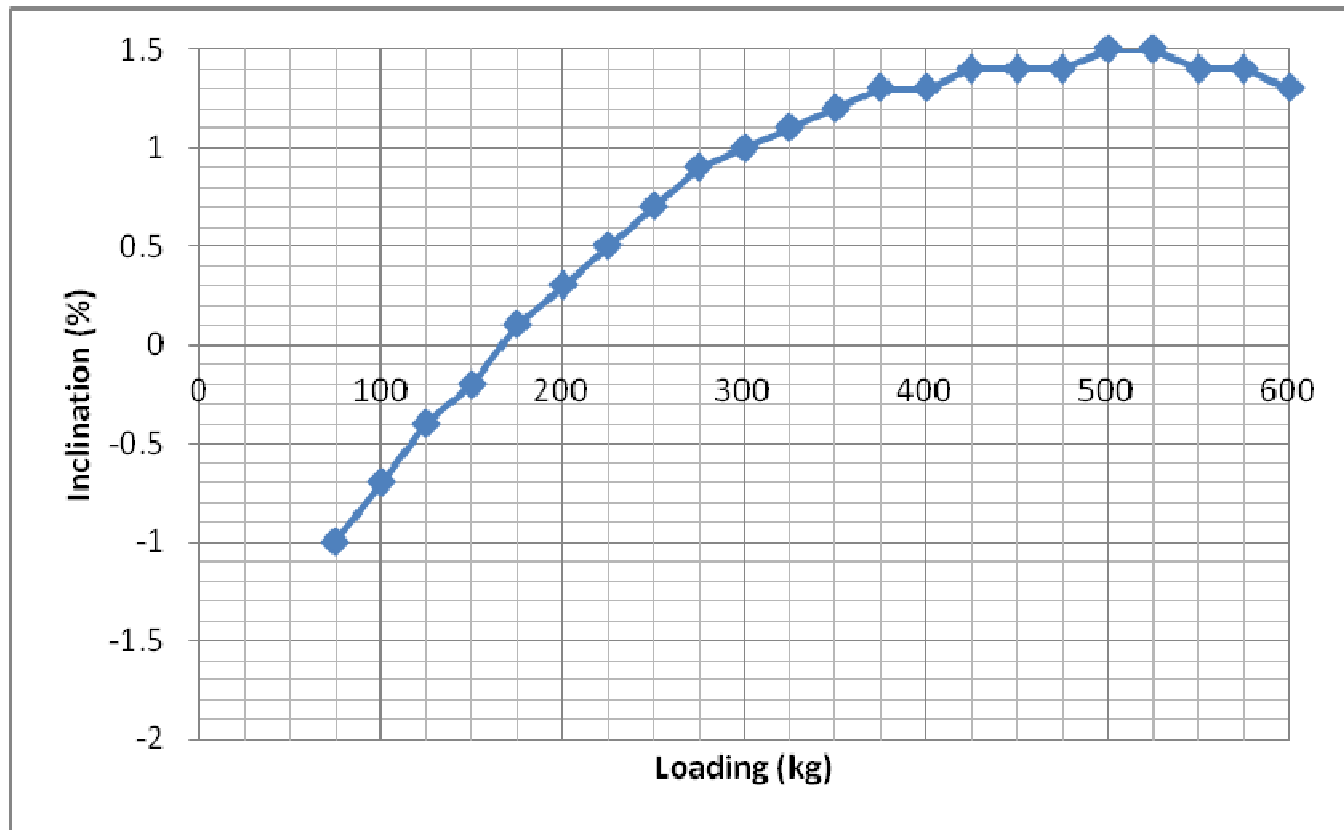
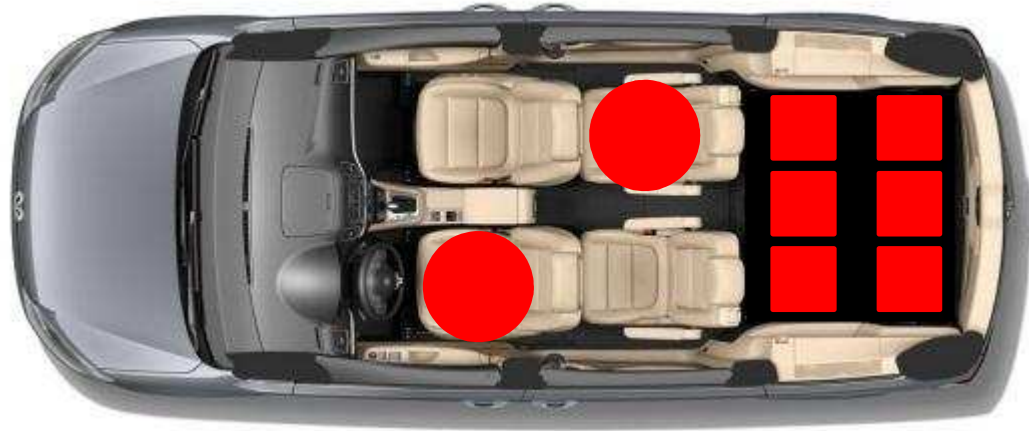


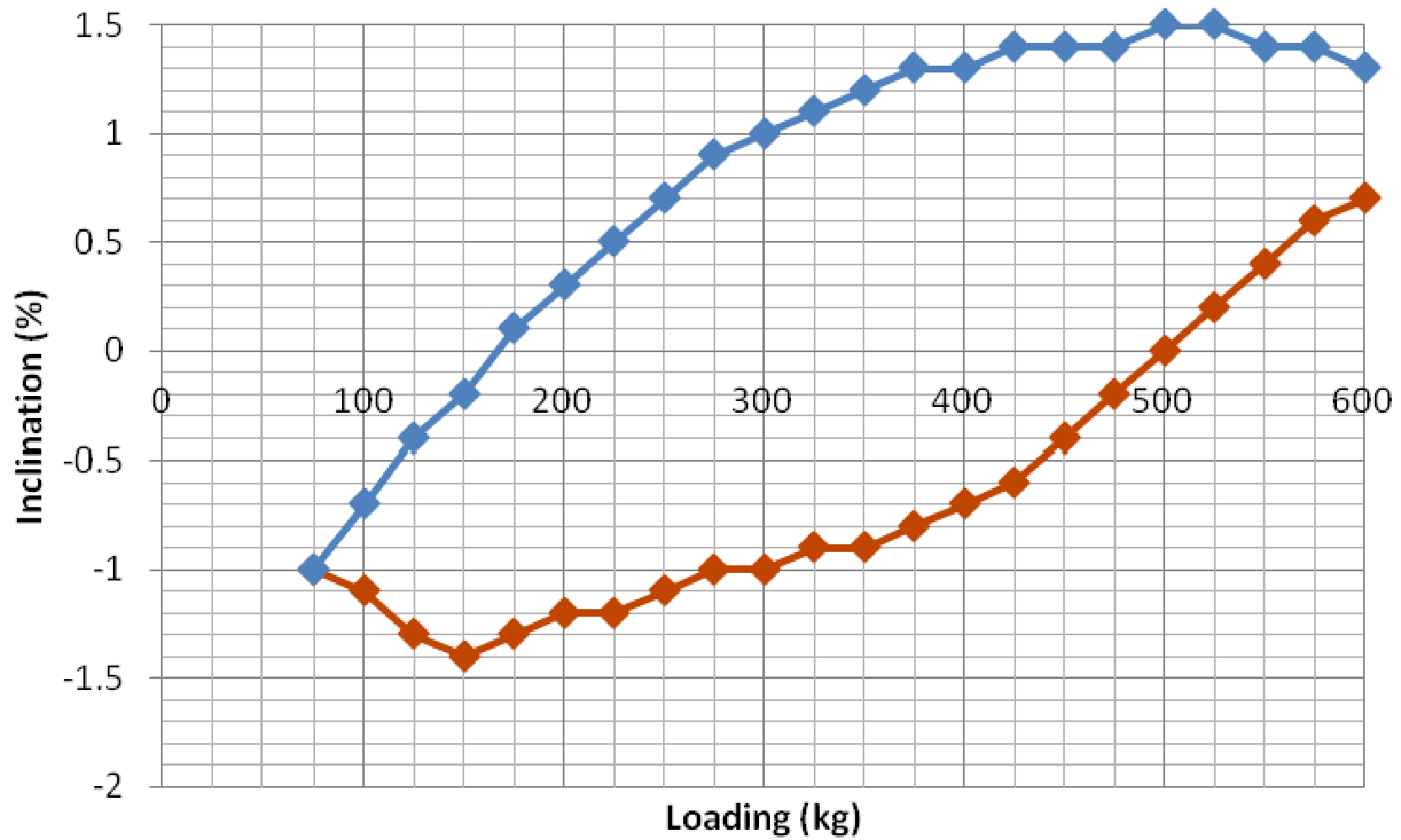


25 kg









Loading (%)	Inclination (%) - lowest	Inclination (%) - highest
75	-1	-1
100	-1.1	-0.7
125	-1.3	-0.4
150	-1.4	-0.2
175	-1.3	0.1
200	-1.2	0.3
225	-1.2	0.5
250	-1.1	0.7
275	-1	0.9
300	-1	1
325	-0.9	1.1
350	-0.9	1.2
375	-0.8	1.3
400	-0.7	1.3
425	-0.6	1.4
450	-0.4	1.4
475	-0.2	1.4
500	0	1.5
525	0.2	1.5
550	0.4	1.4
575	0.6	1.4
600	0.7	1.3



**THANK YOU FOR YOUR
ATTENTION**

