

TRAILER BALANCE SPREADSHEET

Instructions

Enter your own data in the boxes with red numbers

Read off results in boxes with blue numbers

Basic measurements

	in
Body length from rear - A	137.5
Hitch center from rear - B	166
Wheel center from rear - C	49.5

Extra weight measurements

	in
Extra weight 1 from rear - D1	18
Extra weight 2 from rear - D2	0
Extra weight 3 from rear - D3	0

Basic Weights

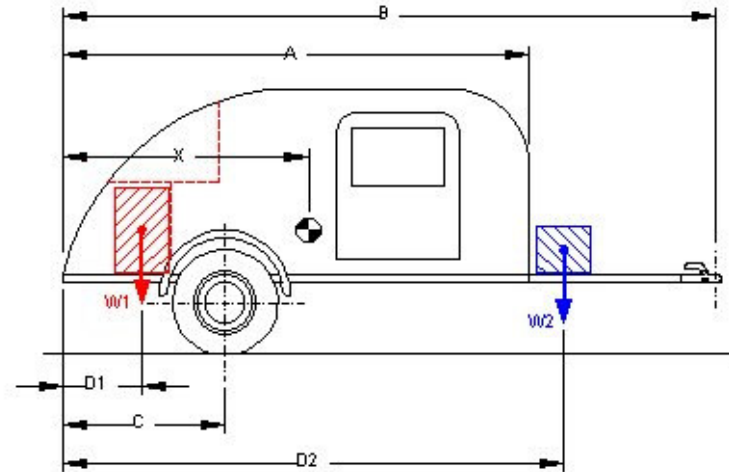
	% of Basic	lb	Lever about rear, in	Moment about rear, in-lb
Basic trailer weight	100%	1500		
Weight of tongue	2.0%	30	151.75	4552.5
Weight of axle/suspension	8.0%	120	49.5	5940
Body weight (total - tongue - axle)	90.0%	1350	68.75	92812.5

Extra Weights (not included in Basic)

	lb	Lever about rear, in	Moment about rear, in-lb
Extra weight 1	0	18	0
Extra weight 2	0	0	0
Extra weight 3	0	0	0

Results

Total trailer weight, lb	1500			103305
LCG from rear - X, in	68.9	% of Total		
Weight on axle, lb	1251	83.4%		
Weight on each wheel, lb	625			
Weight on hitch, lb	249	16.6%		



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Extra Weights (not included in Basic)

	lb	Lever about rear, in	Moment about rear, in-lb
Extra weight 1	200	18	3600
Extra weight 2	0	0	0
Extra weight 3	0	0	0

Results

Total trailer weight, lb	1700			106905
LCG from rear - X, in	62.9	% of Total		
Weight on axle, lb	1505	88.5%		
Weight on each wheel, lb	752			
Weight on hitch, lb	195	11.5%		

