

Rayner Brian

From: Gerhardt Adam
Sent: Monday, September 21, 2015 3:28 PM
To: Rayner Brian
Subject: Weight and Balance - N122WK
Attachments: Weight and Balance (N122WK).xlsx

Hey!

Below is what I have. Also – the spreadsheet attached will allow you to plug and play with the numbers. All you need to do is change the weight in the Lbs. column.

Thanks!

Weight & Balance - N122WK (RV10) - Full Fuel			
	lbs.	Arm	Moment
Empty Weight	1573	107.16	168562.68
Fuel (Full 56g)	336	108.9	36590.4
Front Pax	340	114.58	38957.2
Rear Pax	460	151.26	69579.6
Baggage Comp. (Max 150lbs)	0	173.5	0
Ramp Weight (Max 2700lbs.)	2709		313689.88
	<i>Max Fwd.</i>	Calc. CG	<i>Max Aft</i>
Ramp CG	<i>107.84</i>	115.80	<i>116.24</i>

Weight & Balance - N122WK (RV10) - Half Tanks			
	lbs.	Arm	Moment
Empty Weight	1573	107.16	168562.68
Fuel (Half Tanks 28g)	168	108.9	18295.2
Front Pax	340	114.58	38957.2
Rear Pax	460	151.26	69579.6
Baggage Comp. (Max 150lbs)	0	173.5	0
Ramp Weight (Max 2700lbs.)	2541		295394.68
	<i>Max Fwd.</i>	Calc. CG	<i>Max Aft</i>
Ramp CG	<i>107.84</i>	116.25	<i>116.24</i>

Weight & Balance - N122WK (RV10) - 45min Fuel			
	lbs.	Arm	Moment
Empty Weight	1573	107.16	168562.68

Fuel 45mins(6.3g // 14gph Cruise)	37.8	108.9	4116.42
Front Pax	340	114.58	38957.2
Rear Pax	460	151.26	69579.6
Baggage Comp. (Max 150lbs)	0	173.5	0
Ramp Weight (Max 2700lbs.)	2410.8		281215.9
	<i>Max Fwd.</i>	Calc. CG	<i>Max Aft</i>
Ramp CG	<i>107.84</i>	116.65	<i>116.24</i>

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