

Weight & Balance Computation

Acft No.	Acft Type	Max Take-Off GW	Max Ldg. Wt.
N9137H	C-172	2300 Lbs.	2300 Lbs.
FWD C.G Limit @ Max GW 38.5	AFT C.G Limit 47.3	Fuel Wt. 6 Lbs/Gal	

ITEM	WEIGHT	X	ARM	=	MOMENT/1000
Licensed Basic Weight	1470.2		39.70		58.440
Pilot & Front Passenger			37		
Rear Seat Passengers			73		
Fuel (40 Gal Max)			47.9		
Baggage Area 1			95		
Baggage Area 2			123		
Total Loaded Airplane					

$$C. G = \frac{\text{Total Moments}}{\text{Total Weight}} \times 1000 \quad \text{Loaded Aircraft C.G} =$$

Useful Load 821.1 Lbs