

Weight and Balance

	Weight	Distance	Moment
Left Wheel	188	80	15040
Right Wheel	185	80	14800
Tail Wheel	59.5	275	16362.5
Pilot	159	70	11130
Passenger	0	70	0
Gas	70	109	7630
Parachute	0	0	0
Total Weight	661.5		
Total Moment	64962.5		
Resultant Distance	$\frac{\text{Total Moments}}{\text{Total Weight}}$	98.20	Distance aft of Datum
% CG	$\frac{\text{Resultant Distance} \times 100}{64}$	153.45	

CG Range = 88" to 96.5" Based on Hand Drawn Picture