

Aircraft Type LSA GEAR
N number N12345
Serial # #000
Date: 3/1/2012
Datam Firewall
Level Point Cockpit top rail longitudinaly, and Across the cock pit
Forward Limit 29.00"
Aft Limit 35.00"

Initial W+B

	Weight	ARM	Moment
Front	197	-14.5	-2856.5
Left	319	40	12760
Right	325	40	13000
total	841		22903.5
CG		27.2336504	

Baggage capacity to 50 lbs

Empty Aircraft: Unuseabl fuel and operation fluids

	Weight	Moment in/lbs
Empty Weight	841	22903.5
Center of Gravity		27.2336504

Forward CG With 100 pound pilot and 6 gallons on board

	Weight	Arm	Moment in/lbs
Empty Weight	841	27.2336504	22903.5
Pilot	150	44.1	6615
Fuel	36	37.4	1346.4
Baggage	0	69.76	0
Total	1027		30864.9
Center of Gravity		30.0534567	

Most Aft CG at Gross Weight

	Weight	Arm	Moment in/lbs
Empty Weight	841	27.2336504	22903.5
Pilot and pass	400	44.1	17640
Baggage	50	69.76	3488
Fuel	180	37.4	6732
Total	1471		50763.5
Center of Gravity		34.5095173	