

Airplane Weight and Balance

Builder: MARK MARINO	Date: 4/25/2021
Model: HATZ SUPER BANTAM	Registration: 1968H
	Serial #:
Gross Weight: 1320 lbs.	002
CG Range: 19.35 - 26.85 inches	
Datum: TOP WING LEADING EDGE	

Empty Weight and CG	Weight (lbs)	Arm (in)	Moment (in lbs)
Left Wheel	362	7.91	2863.42
Right Wheel	359	7.91	2839.69
Tail	46	168.375	7745.25
Aircraft Empty Weight	767	184.195	13448.36
Empty Center of Gravity	17.53		

Most Aft Weight & CG	Weight (lbs)	Arm (in)	Moment (in lbs)
Aircraft Empty	767	184.195	13448.36
Fuel- Full 19 Gal	114	7.57	862.98
Pilot	170	55.55	9443.5
Passenger	170	20.55	3493.5
Fwd Baggage	0	-2.29	0
Baggage	25	81.57	2039.25
	1246	347.145	29287.59
Center of Gravity	23.51		

Most Fwd Weight & CG	Weight (lbs)	Arm (in)	Moment (in lbs)
Aircraft Empty	767	184.195	13448.36
Fuel - Full 19 Gal	114	7.57	862.98
Pilot	170	55.55	9443.5
Passenger	0	20.55	0
Fwd Baggage	15	-2.29	-34.35
Aft Baggage	0	81.57	0
	1066	347.145	23720.49
Center of Gravity	22.25		

Flight Test Weight & CG	Weight (lbs)	Arm (in)	Moment (in lbs)
Aircraft Empty	767	184.195	13448.36
Fuel- Full 19 Gal	114	7.57	862.98
Pilot	170	55.55	9443.5
Passenger	0	20.55	0
Fwd Baggage	0	-2.29	0
Baggage	0	81.57	0
	1051	347.145	23754.84
Center of Gravity	22.60		